URBAN DYNAMICS EXPLORING DESIGN, LIFESTYLE, AND SOCIETAL TRANSFORMATIONS

Prof. Surya Teja Bachu

Urban Dynamics

Exploring Design, Lifestyle, and Societal Transformations

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CHAPTER 1

EXPLORING THE EXPANSION OF URBAN OUTFITTERS IN INDIA: A COMPREHENSIVE STUDY ON STORE DESIGN AND CONSUMER PREFERENCES

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ABSTRACT:

This study focuses on the expansion of Urban Outfitters, a lifestyle merchandising Retail Company, into the Indian market by establishing a flagship store in Mumbai. Urban Outfitters aims to create a unique and inviting shopping experience, fostering an emotional connection with its target demographic of 18 to 30-year-olds. The decision to enter India involves a thorough examination of the brand's design language across global locations, with an emphasis on resonating with the preferences of the Indian audience. The retail industry in India is dynamic, experiencing a shift towards modern retail formats such as expansive malls. Urban Outfitters intends to provide a diverse range of products under one roof, ensuring affordability and catering to the evolving interests of the younger demographic. The study explores the characteristics of the Indian retail sector, its major players, and the significance of organized and unorganized retail. Analysing the store design elements, the study delves into floor layout, lighting, color schemes, signage, and ambiance, emphasizing the importance of creating a multi-sensory shopping experience. Wall fixtures, as functional elements attached to store walls, are discussed for their role in optimizing product visibility and enhancing the overall shopping environment. The study also presents a SWOT analysis of Urban Outfitters, highlighting its strengths, weaknesses, opportunities, and threats. Global studies of Urban Outfitters' flagship stores in Utrecht, Netherlands, and Manhattan, Herald Square, provide insights into the brand's international presence. Consumer analysis reveals the characteristics and preferences of the typical Urban Outfitters male and female customers, emphasizing the importance of affordability, trending styles, and functionality in their purchasing decisions. The conclusion underscores the significance of adapting Urban Outfitters' design language to align with the Indian market and the strategic choice of Phoenix Market City in Mumbai as the location for the flagship store. This study provides a comprehensive exploration of Urban Outfitters' expansion strategy into India, considering various aspects of store design, the retail landscape, and consumer preferences, contributing valuable insights for successful market entry and growth.

KEYWORDS:

Company, Consumer, Growth, Industry, Retail, Urban Outfitters.

1. INTRODUCTION

Since 1970, Urban Outfitters has been a lifestyle merchandising Retail Company that primarily features apparel, accessories, beauty products, clothing, and housewares. With the overarching aim of fostering a strong emotional connection with customers, the brand endeavors to provide a unique and inviting shopping environment. Its distinctive approach is designed to evoke an empathetic link to the brand, encouraging customers to experience shopping differently.

To achieve this, Urban Outfitters consistently introduces fashion-forward products promptly. The brand intends to establish its presence in India by opening a flagship store. This endeavor

involves a thorough examination of the brand's design language across various global locations, with a focus on incorporating elements that resonate with the target audience in India [1], [2].

The decision to introduce Urban Outfitters in India is rooted in its ability to offer a diverse range of products all under one roof. Beyond the extensive product variety, the brand is committed to ensuring affordability. Urban Outfitters strives to cater to every aspect of an individual's life by staying attuned to the current trends and interests of the younger demographic. The mission of providing a new shopping experience is realized through the continual introduction of fresh and trendy stock [3], [4].

1.1. Introduction to the Retail Industry

1.1.1. Definition of Retail:

Retailing encompasses the business activities related to selling goods and services directly to the end consumer for personal, family, or household use. It represents the final stage in the distribution channel, and any firm engaged in selling merchandise or providing services to the end consumer is involved in retailing [5], [6].

1.1.2. What Retail Involves:

Retail involves the sale of goods from a single point of purchase directly to customers who intend to use the products. This point of purchase can take the form of a brick-and-mortar retail store, an online shopping website, or a catalog. Retailing revolves around attracting consumers through product displays and marketing efforts, requiring careful management of inventory, ensuring stocked shelves, and collecting payments. Beyond being places to buy merchandise, retailers also serve as outlets for manufacturers, allowing them to focus on product creation [7], [8].

1.1.3.Working of Retailing:

Retailers rely on a system to obtain goods for sale, establishing relationships with entities within the retail supply chain to procure inventory. The retail supply chain involves manufacturers, wholesalers, retailers, and the end consumer. Wholesalers connect directly with manufacturers, while retailers are linked to wholesalers. Key players in the retail supply chain have distinct roles, with manufacturers producing goods, wholesalers purchasing finished goods in bulk from manufacturers, and retailers obtaining products from wholesalers to sell to consumers [9], [10].

1.4. Types of Retailing

- Store-based Retailing

  1. Forms of Ownership:

     - Independent stores

     - Chain stores

     - Franchise stores

     - Leased departments

     - Consumer co-operatives

  2. Merchandise Offered:

     - Convenience stores

- Supermarkets

- Specialty stores

- Departmental stores

- Factory outlets

- Non-store based Retailing

1.5. Retail Industry in India:

The retail industry in India holds the top position among all sectors, contributing over 10% to the country's GDP and employing around 8% of the workforce. It has emerged as a dynamic and rapidly evolving sector, with numerous participants entering the market. Retailing in India is progressively moving towards becoming the next thriving industry, transforming the entire shopping experience in terms of both format and consumer behavior. A shopping revolution is underway in India, marked by the advent of modern retail in the form of expansive shopping centers, multi-story malls, and large complexes that offer shopping, entertainment, and dining all in one place.

The Indian retail sector is currently at a pivotal juncture, poised for increased growth in organized retailing and heightened consumption by the Indian population [11], [12]. The demographics of the Indian population are undergoing significant changes. Figure 1 shows the major Indian retailers.
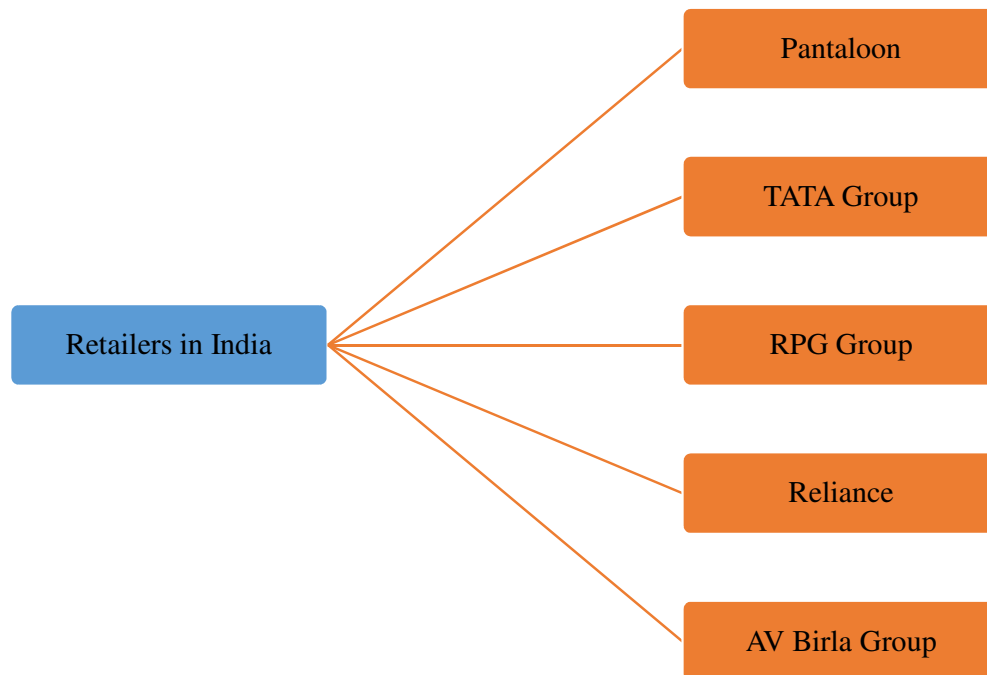
Figure 1: Illustrate the Major Retailers in India.

1.6. Retail Formats in India:

India's retail landscape has witnessed the advent of modern retail through expansive malls and vast complexes that offer consumers a blend of shopping, entertainment, and leisure, as retailers explore diverse formats.

The evolution of the retail sector in the Indian context aligns with global economic changes, where consumerism, shaped by a shrinking world, exerts a notable influence on the industry. Technological advancements present both opportunities and challenges for the retail sector [13], [14]. In the Indian context, the retail industry can be categorized into two main sectors:

1.6.1. Organized retail sector

The organized retail sector comprises licensed retailers registered under sales and income tax, actively engaged in their day-to-day trading functions. This sector encompasses various entities, such as large hypermarkets, privately owned retail ventures on a large scale, and retail chains.

1.6.2. Unorganized retail sector

Conversely, disorganized retailing encompasses a substantial portion of small retailers managing their own Kirana, paan, beedi shops, general stores, chemists, hawkers, etc.

In developed economies, organized retail claims a predominant share of approximately 75-80%, in contrast to traditional retailing.

However, in developing economies, the unorganized sector holds a significant majority in the retail market. The retail landscape in India is notably decentralized, with unorganized retail constituting a substantial share exceeding 90%, while the organized retail segment is still in its early stages but has experienced remarkable growth in recent years.

The origin of retail in India can be traced back to Mom and Pop Stores and Kirana Stores, catering to the local population's needs. Over time, the government incentivized rural retail and provided support for establishing Khadi and village industries.

Characteristics of the retail industry in India include direct interaction with customers, the impact of small quantities on overall sales, emphasis on customer service, point-of-sale promotion, diverse forms of retail outlets, the importance of location and layout, and its significant role as a major employment provider [15], [16].

1.7.Significance of the Retail Sector in India:

2. As the largest and most rapidly expanding industry in the country, the retail sector plays a pivotal role.

3. Modern retail outlets serve as comprehensive shopping destinations, offering customers a diverse range of brands under one roof.

4. Consumers benefit from a wide variety of choices, consolidating their shopping experience.

5. The shift from a sellers' market to a buyers' market marks a significant transformation in the industry.

6. This transition propels economic activity, fostering overall economic growth and generating employment opportunities.

1.8.Challenges Confronting the Indian Retail Sector:

2. Keeping pace with international standards poses a competitive challenge.

3. Systemic inefficiencies and supply chain problems expose the Indian retail industry to hurdles.

4. Operating within confined spaces of less than 500 sq. ft., Indian retail outlets fall short of international standards.

5. The industry's growth triggers real estate challenges, especially in meeting the spatial demands of hypermarkets and supermarkets.

6. Shortages in skilled manpower pose a hurdle to the sector's advancement.

7. Frauds, encompassing thefts, vendor frauds, and administrative loopholes, present significant managerial challenges.

8. Infrastructural and logistical issues further compound the complexities faced by the retail industry [17], [18].

The study also conducts a SWOT analysis of Urban Outfitters. It highlights the brand's strategic positioning, diverse inventory, and commitment to affordability for its target demographic. After that literature of the previous study is discussed in the literature review section, and then the discussion section discusses global studies of Urban Outfitters.

The study identifies factors influencing their buying decisions, such as affordability, trending styles, and functionality. Finally, the study ends with a conclusion section that explains the outcome and future of this study.

2. LITERATURE REVIEW

Andrews J. et al. [19] addressed the omni-channel fulfillment problem by formulating it as an online optimization issue. They introduce a novel algorithm based on the primal-dual schema, which proves to be robust by not requiring explicit demand forecasts. That was particularly advantageous in the volatile and unpredictable apparel-retail setting.

The algorithm is shown to offer optimal performance guarantees even in the face of adversarial demand. The study includes a large-scale implementation at Urban Outfitters, Inc., processing thousands of customer orders daily. The implemented system has led to significant cost savings compared to an industry-standard fulfillment optimization implementation, achieving optimal order-fulfillment decisions that enhance efficiency and reduce shipping costs.

Harasta J. [20] discussed the early 2000s, traditional retailers like The Gap, Old Navy, Eddie Bauer, and Anne Taylor Loft struggled with declining sales, bankruptcies, and closures due to increased competition from online companies and large retailers like Amazon, Wal-Mart, and Target.

The 2008 Great Recession further exacerbated their challenges. Urban Outfitters, unlike its competitors, adopted a bold and unconventional brand strategy, defying traditional business logic.

It embraced an in-your-face, non-politically correct production and marketing approach that proved to be highly successful in the face of mainstream negativity, leading to long-term financial success. That study evaluates Urban Outfitters' unique management model in the context of the challenging and competitive retail landscape.

Comunale A. [21] discussed in 2008, freshman students in Drexel University's Design and Merchandising program participated in a survey about their purchasing behavior and perceptions of brand importance.

Despite almost half of the respondents ranking brand image as the least important factor in purchasing decisions, the top three retailers for these students were Urban Outfitters, forever

21, and H&M. that apparent contradiction prompted the researcher to delve into the components and influences of branding to better understand its significance in consumer behavior. The study aims to explore the perceived brand image of these three retailers, considering aspects such as style, fit, color, quality, price, fabric, and brand image. The study discusses theories related to branding and storytelling to uncover their impact on a retail store's brand.

The primary goal is to conceptually illustrate how branding influences consumer purchasing behavior at H&M, Forever 21, and Urban Outfitters. Vézina B. [22] discussed the fashion industry has faced accusations of cultural appropriation over the past decade.

Examples include Urban Outfitters releasing Navajo-themed items in 2011, drawing criticism from the Navajo Nation, and Isabel Marant designing a dress resembling a traditional Mixe blouse in 2015, leading to backlash from the Indigenous community in Mexico.

Cultural appropriation is defined as the adoption of cultural elements from a minority culture by a member of a dominant culture without consent, attribution, or compensation.

Ratcliff C. [23] investigated how various fashion retailers utilize email marketing as a powerful yet often overlooked channel.

The analysis covers aspects such as the frequency of emails, subject line usage, content, special offers, editorial voice, personalization, and relevance.

Additionally, the author abandoned a shopping basket to observe if reminder emails would be sent and inputted a birthday to check for related offers or wishes. The 16 chosen fashion sites for registration include Urban Outfitters, ASOS, Threadless, H&M, Topshop, Topman, American Apparel, UNIQLO, Gap, River Island, Next, Pull and Bear, Anthropologie, Forever 21, Miss Selfridge, and The Kooples.

Ganzemiller K. et al. [24] investigated preferred leadership styles, focusing on autocratic, participative, and laissez-faire styles, as perceived by followers in the food/beverage, retail, and financial industries.

The research addressed a gap in the literature by exploring variations in leadership style preferences across these sectors.

Using a convenience sample, the study collected data on follower demographics, including gender and age, and employed leader behavior questions from established sources.

The findings revealed mixed results, deviating from some existing literature. Contrary to expectations, the study showed a tolerance for autocratic leadership, especially in the retail sector.

Overall, the research confirmed the hypothesis that employees in the food/beverage, retail, and financial industries predominantly prefer participative leadership over autocratic or laissez-faire styles.

Previous studies provide insights into Urban Outfitters' fulfillment strategies, brand management, consumer behavior, and the industry's challenges related to cultural appropriation and email marketing.

The current study provides insights into Urban Outfitters' global strategy, the Indian retail landscape, and the brand's plans for expansion. It emphasizes the importance of adapting the brand's design language to suit the preferences of the Indian consumer while maintaining its unique identity.

3. **METHODOLOGY**

   3.1.Elements of Store Design shown in Figure 2:

Figure 2: Illustrate the Elements of Store Design.

3.2.Floor Layout:

Embrace your creativity with an open floor layout that liberates you from the constraints of predefined floor designs and fixed shelving angles. Instead of guiding customers along a predetermined path, this design encourages them to explore freely in any direction they choose. This freedom enables customers to leisurely search for products without adhering to a set traffic pattern.

Advantages:

1. This layout grants customers the freedom to browse and wander without constraints.

2. Impulse buying is stimulated, as customers have the opportunity to thoroughly explore merchandise.

3. The store becomes visually appealing with the ability to craft unique and exciting displays."

3.3.Lighting:

Lighting significantly contributes to the overall visual appeal of a space and directly impacts our mood, as 80 percent of the sensory input to the brain comes from our eyes. It accentuates architectural features, showcases product attributes, and creates virtual environments, influencing our emotions, and perceptions of products, and ultimately affecting purchase decisions. Contemporary lighting options not only enhance a brand strategy but also serve as an additional means of communication, maintaining clarity.

1. Elevates Product Presentation

2. Enhances the Shopping Experience

3. Draws in Customers

3.3.1. Track Lighting:

The track lighting system is an ideal solution for effectively illuminating large indoor spaces. It not only reduces energy consumption but also subtly highlights objects that need customers' attention in a simplistic and minimalistic manner.

3.3.2. Task Lighting:

Task lighting focuses on specific areas of the store that require more illumination, such as changing rooms (to accurately assess clothing fit and appearance), the billing counter (to assist cashiers in their tasks without strain), and the entrance sign (ensuring easy readability for customers).

3.3.3. Ambient Lighting:

This serves as the primary lighting in the store, ensuring customers have sufficient light to feel comfortable during their shopping experience.

3.3.4. Decorative Lighting:

Decorative lighting plays a crucial role in enhancing the aesthetic appeal of the space, adding beauty and serving as a focal point to highlight specific zones with a more subdued atmosphere.

3.4.Color:

The selection of colors stands out as a pivotal aspect in retail design, exerting a direct influence on how individuals perceive the stores in their vicinity. It plays a crucial role in determining the duration of their stay, shaping their overall experience, and ultimately influencing their decision to make a purchase. Consumers maintain the belief that the colors employed in a retail setting not only enhance brand recognition but also contribute to subconscious evaluations within a mere 90 seconds of viewing the store.

3.5.Signage's:

Signage plays a crucial role in your overall marketing strategy, serving as a highly effective traditional marketing tool with numerous advantages for retail establishments. Within a retail setting, signage serves diverse purposes, encompassing directional and promotional needs, with both the content and visual appeal of the signs holding significance. While illuminated signs have a magnetic effect on consumers, retailers should carefully consider the emotions they wish to evoke in their customers. Window decals, also referred to as window graphics, present an exceptional method to capture attention and attract potential customers to your store.

These decals not only reinforce your brand name but also serve as a powerful marketing tool, providing customers with a preview of your store and its offerings before they step inside.

3.6.Ambiance and Experience:

Enhancing the shopping experience through multiple senses:

A store is more likely to be remembered by customers if it provides a diverse range of sensory encounters:

3.6.1. Visual Appeal:

Given that people's memories of visual stimuli are particularly potent, the visual aspect is crucial when merchandising fashion items. To boost sales and attract repeat customers, it is essential to create visually appealing displays, interiors, and signs.

3.6.2. Aromatic Atmosphere:

The sense of smell is intricately linked to emotions and memories, carrying the potential to fortify brand loyalty. The fragrance within a store leaves a lasting impression on customers, influencing the time they spend there.

3.6.3. Tactile Engagement:

In the realm of fashion, tactile experiences play a pivotal role. Consumers are inclined to touch and feel the fabrics, a key reason why many prefer shopping in physical stores over online platforms.

3.6.4. Auditory Influence:

The music played in a store holds a significant, albeit subtle, impact on customer behavior. Choosing the right music can shape the overall shopping atmosphere and enhance the overall experience for customers.

3.7.Wall fixtures

Wall fixtures in-store design refer to structures or installations attached to the walls of retail space to display and organize merchandise. These fixtures are an integral part of the overall store layout and are strategically positioned to optimize product visibility, accessibility, and aesthetic appeal. Wall fixtures can take various forms, including shelves, racks, display cases, pegboards, or grid panels, and they serve the purpose of showcasing and organizing products in a visually appealing manner. The design of wall fixtures is often tailored to the specific needs of the store and the nature of the merchandise. They are essential for maximizing the use of vertical space, allowing retailers to make efficient use of the available store area. Additionally, wall fixtures contribute to creating a cohesive and organized shopping environment, enhancing the overall customer experience. Wall fixtures in in-store design are functional elements integrated into the walls of retail space to display and organize merchandise effectively, contributing to the overall aesthetics and functionality of the store.

4. RESULT AND DISCUSSION

Established in 1970, Urban Outfitters is a lifestyle merchandising retail company that focuses on apparel, accessories, beauty products, clothing, and housewares. The brand's primary objective is to cultivate a strong emotional connection with customers by providing a unique and inviting shopping experience. This is achieved through a curated selection of fashion-forward products offered in a distinctive environment, aiming to evoke an empathetic bond

with the brand. Urban Outfitters consistently introduces fashion-appropriate items on time, seeking to cater to a target market of 18 to 30-year-olds who typically possess a creative and tech-savvy urbanized style. The store offers a diverse range of items designed to appeal to both men and women, ensuring that every customer can find at least one product of interest. Beyond presenting new and innovative products, Urban Outfitters also revitalizes older items, often sourced from existing markets, effectively leveraging their universal appeal. In Figure 3 shown the Urban Outfitters.

Figure 3: Illustrate the Urban Outfitters.

4.1.Swot Analysis of Urban Outfitters

4.1.1. Strength

Urban Outfitters strategically positions its stores in convenient global locations, with a preference for city centers and easily accessible areas. The inventory extends beyond clothing, positioning the company as a lifestyle brand offering home goods, antiques, and vinyl records. Over its existence, Urban Outfitters has successfully cultivated a robust brand image. The pricing is reasonable, and various promotions cater to student customers, ensuring affordability for products designed specifically for them. Higher price points are often attributed to designer collaborations and the presence of multiple brands within the same store, making designer clothing more accessible to a younger demographic.

4.1.2. Weakness

Urban Outfitters faces some shortcomings, notably in comparison to competitors like Gap and H&M, as their stores lack certain elements. Unlike other companies, Urban Outfitters currently does not feature in-store brands, hindering their ability to stand out independently. The pricing strategy, including criticism of their urban/vintage renewal collection compared to more affordable alternatives like H&M, prompts questions about the accuracy of their consumer profile, primarily centered around students.

4.1.3. Opportunities

To enhance revenue, Urban Outfitters can explore various opportunities. This includes expanding globally by opening more stores and increasing the scale of existing ones. Growing their online presence through website expansion is another avenue for attracting a broader audience. Leveraging their strength in designer collaborations, Urban Outfitters could introduce more designers, expanding their offerings and potentially boosting sales. Additionally, introducing personal shopper or stylist services could enhance the overall shopping experience.

4.1.4. Threats

Urban Outfitters faces potential threats from the financial climate and rising prices, factors that could adversely affect their business. The current economic conditions may lead to reduced

consumer spending, impacting Urban Outfitters and other businesses. Another concern is the risk of certain designers refusing collaboration, leading to a significant decrease in available stock both in-store and online. These threats highlight the importance of adaptability and strategic planning for Urban Outfitters to navigate potential challenges successfully.

4.2. Global Studies: Urban Outfitters

4.2.1.   Urban Outfitters Flagship Store: Utrecht, Netherlands

Situated within the former Wolff Camera cinema on Oudegracht 152-156, the recently established store spans an area of 10,000 square feet, offering a diverse range of Urban Outfitters apparel collections, homeware, accessories, beauty products, books, and technology. Aligned with other Urban Outfitters stores across Europe and beyond, this flagship combines in-house brands with renowned labels such as Calvin Klein, Nike, and Tommy Hilfiger. The primary target audience comprises locals, students, and tourists, with the conceptual aim of instilling a sense of theater within the space. The store was inaugurated in the year 2013. In Figure 4 shown the Urban Outfitters Flagship Store: Utrecht, Netherlands.

Figure 4: Illustrate the Urban Outfitters Flagship Store: Utrecht, Netherlands.

4.2.2.   Urban Outfitters Flagship Store: Manhattan, Herald Square

Marking the brand's largest location to date, the 57,000-square-foot store in Herald Square is Urban Outfitters' 13th establishment in New York City. Boasting additional features such as a hair salon, bookshop, coffee bar, and photography shop, the multi-level shop includes an expanded beauty department with custom-designed fixtures to accommodate over 45 national and international beauty brands. Noteworthy sections within the store comprise a spacious women's shoe boutique, a 3,000-square-foot fitness apparel and merchandise department, and an Urban Renewal Vintage shop exclusively dedicated to vintage and remade goods for both men and women. This flagship was launched in the year 2014. In Figure 5 shown the Urban Outfitters Flagship Store: Manhattan, Herald Square.

Figure 5: Urban Outfitters Flagship Store: Manhattan, Herald Square.

4.3.Consumer Analysis

4.3.1. Characteristics of the typical Urban Outfitters male customer:

Age: 18-25

Occupation: Student

Interests: Sports, socializing, fashion, traveling, reading.

Location: Likely to reside near or in the city

What he desires: Fashionable clothing and lifestyle items that are affordable and allow him to express his individuality.

Criteria for purchase consideration:

Before making a purchase, the consumer evaluates factors such as affordability, trending styles, benefits to the consumer, and the durability of the products, seeking high-quality items that stand the test of time.

4.3.2. Characteristics of the typical Urban Outfitters female customer:

- Age: 18-25

- Occupation: Student

- Interests: Fashion, Art, Drawing, Music, Socializing, Writing, Traveling, Dancing.

- Location: Likely to reside near or within a city.

Her preferences and considerations:

- What she wants: Stylish clothing and lifestyle products that are reasonably priced, facilitating frequent purchases.

- Factors influencing her buying decisions:

- Cost efficiency: Prices should be affordable for students living away from home.

- On-trend items: Products should align with current fashion trends.

  - Functionality: Products must consistently provide practical benefits to the consumer.

Millennials represent one of the most influential consumer demographics globally. Given their substantial numbers, it is unsurprising that they exert significant influence over various trends, particularly in the realm of fashion. Their preferences lean towards affordability, novelty, and distinctive styles, with a strong emphasis on engaging interactions. Urban Outfitters stands out as a brand that caters to these preferences by offering a diverse array of products all under one roof, gaining recognition for its trendy and reasonably priced clothing tailored for young adults. Consequently, the plan is to establish a flagship store in Mumbai, India. This initiative involves studying the brand's design language across different regions worldwide and endeavoring to adapt it while staying attuned to the preferences of the target audience.

Recognized as one of Mumbai's largest shopping complexes, Phoenix Marketcity stands out as the premier destination for shopping, dining, and entertainment in the city. Encompassing an expansive 2.1 million square feet, the mall houses over 600 luxury and high-street labels. Boasting a culinary diversity, the mall features 100 restaurants offering cuisines from around the globe. The sprawling entertainment hub, Dublin Square, serves as the city's largest indoor venue, providing alfresco dining options and hosting numerous activities and events. It's safe to affirm that Phoenix Marketcity offers an unforgettable experience, where one could easily spend days immersed in its offerings.

5. CONCLUSION

In conclusion, the establishment of Urban Outfitters in India, particularly in Mumbai's Phoenix Marketcity, represents a strategic move to tap into the dynamic and rapidly evolving retail landscape. Urban Outfitters, with its emphasis on creating a unique and inviting shopping experience, aims to cater to the preferences and interests of the local demographic, especially the 18-25 age group of students and young adults. The study delved into the characteristics of the typical Urban Outfitters customer, considering factors such as age, occupation, interests, and location. Understanding the consumer's desires, including the need for affordable, on-trend, and functional products, is essential for the success of the brand in the Indian market. Analyzing the global presence of Urban Outfitters through flagship stores in various locations, the study highlighted the brand's strengths, weaknesses, opportunities, and threats. It also explored the significance of the retail sector in India, the major players in the industry, and the evolving retail formats in the country. The site analysis of Phoenix Marketcity in Mumbai provided insights into the vibrant and diverse environment of the shopping complex, emphasizing its status as a premier destination for shopping, dining, and entertainment. This context informed the decision to choose this location for the Urban Outfitters flagship store. Considering the preferences and characteristics of the target demographic, the design elements of the store were explored, including floor layout, lighting, color schemes, signage, and the incorporation of wall fixtures. These elements are crucial in creating an appealing and immersive shopping environment that aligns with Urban Outfitters' brand identity. Overall, the study underscores the potential success of Urban Outfitters in India, leveraging its established brand image, commitment to affordability, and adaptability to local preferences. The expansion into the Indian market represents an exciting opportunity for the brand to engage with a diverse and growing consumer base, contributing to the continued evolution of the retail sector in the country.

REFERENCES:

[1] L. D. Burns, "Urban Outfitters," in *Bloomsbury Fashion Business Cases*, vol. 187, no. 8, Bloomsbury Publishing Plc, 2018, pp. 90–98. doi: 10.5040/9781474208765.0011.

[2] A. Saint, "Urban outfitters [established cities]," *Eng. Technol.*, vol. 9, no. 8, pp. 50–53, Sep. 2014, doi: 10.1049/et.2014.0806.

[3] P. Canal, "IEBS," *La Segmentación de mercado en Marketing*. 2015.

[4] E. Scheiner, "Urban outfitters: city-based strategies and success in post-war Japanese politics," *Elect. Stud.*, vol. 18, no. 2, pp. 179–198, Jun. 1999, doi: 10.1016/S0261-3794(98)00009-2.

[5] H.-P. Fu, T.-H. Chang, S.-W. Lin, Y.-H. Teng, and Y.-Z. Huang, "Evaluation and adoption of artificial intelligence in the retail industry," *Int. J. Retail Distrib. Manag.*, vol. 51, no. 6, pp. 773–790, May 2023, doi: 10.1108/IJRDM-12-2021-0610.

[6] J. Jarosz, "The Introduction of Loyalty Programs for the Retail Industry," *Int. J. Innov. Mark. Elem.*, vol. 2, no. 1, pp. 59–68, Feb. 2022, doi: 10.59615/ijime.2.1.59.

[7] K. V. Et. al., "Review of E-Commerce Business in India," *Turkish J. Comput. Math. Educ.*, vol. 12, no. 2, pp. 1401–1404, Apr. 2021, doi: 10.17762/turcomat.v12i2.1351.

[8] L. Evans and R. Kitchin, "A smart place to work? Big data systems, labour, control and modern retail stores," *New Technol. Work Employ.*, vol. 33, no. 1, pp. 44–57, Mar. 2018, doi: 10.1111/ntwe.12107.

[9] K. Willems, N. Verhulst, L. De Gauquier, and M. Brengman, "Frontline employee expectations on working with physical robots in retailing," *J. Serv. Manag.*, vol. 34, no. 3, pp. 467–492, Apr. 2023, doi: 10.1108/JOSM-09-2020-0340.

[10] L. Esbjerg, N. Buck, and K. G. Grunert, "Making working in retailing interesting: A study of human resource management practices in Danish grocery retail chains," *J. Retail. Consum. Serv.*, vol. 17, no. 2, pp. 97–108, Mar. 2010, doi: 10.1016/j.jretconser.2009.10.004.

[11] S. P. Mathiraj, M. Thivya Bharathi, N. Nagalakshmi, and S. D. T. Geeta, "Foreign Direct Investment in Retail Industry in India," *Int. J. Recent Technol. Eng.*, vol. 8, no. 3S, pp. 388–391, Oct. 2019, doi: 10.35940/ijrte.C1083.1083S19.

[12] E. S. Silva, H. Hassani, and D. Ø. Madsen, "Big Data in fashion: transforming the retail sector," *J. Bus. Strategy*, vol. 41, no. 4, pp. 21–27, Jul. 2019, doi: 10.1108/JBS-04-2019-0062.

[13] M. Gupta and D. A. Mittal, "Consumer Perceptions Towards Different Retail Formats in India," *SSRN Electron. J.*, 2011, doi: 10.2139/ssrn.1948865.

[14] S. Azeem and R. Sharma, "Elements of the retail marketing mix: a study of different retail formats in India," *Bus. Manag. Rev.*, vol. 5, no. 4, pp. 29–30, 2015.

[15] S. Yadav and S. K. Garg, "An attribute-based perceptual mapping of different retail formats in India," *Int. J. Bus. Environ.*, vol. 9, no. 1, p. 64, 2017, doi: 10.1504/IJBE.2017.084706.

[16] C. Jayasankara Prasad and A. Ramachandra Aryasri, "Effect of shopper attributes on retail format choice behaviour for food and grocery retailing in India," *Int. J. Retail Distrib. Manag.*, vol. 39, no. 1, pp. 68–86, Feb. 2011, doi: 10.1108/09590551111104486.

[17] V. Handa and N. Grover, "Retail Sector in India: Issues & Challenges," *ZENITH Int. J. Multidiscip. Res.*, 2012.

[18] D. Rana and A. M. S. Damanhouri, "Factors responsible for consumers' switching towards organized retail formats in India," *Life Sci. J.*, vol. 10, no. 2, pp. 2858–2864, 2013.

[19] J. M. Andrews, V. F. Farias, A. I. Khojandi, and C. M. Yan, "Primal-dual algorithms for order fulfillment at Urban Outfitters, Inc.," *Interfaces (Providence).*, 2019, doi: 10.1287/inte.2019.1013.

[20] J. Harasta, "Surviving the 'retail apocalypse': How urban outfitters became the bad boy of retail and lived to tell about it," *J. Brand Strateg.*, 2020.

[21] A. Comunale, "You Are Who You Wear: A Conceptual Study of the Fashion Branding Practices of H&M, Forever 21, and Urban Outfitters," *J. Cult. Retail Image*, vol. 2, no. 1, pp. 1–12, 2009, [Online]. Available: http://services.library.drexel.edu/static_files/dsmr/Communale.pdf

[22] WIPO MAGAZINE, "Curbing cultural appropriation in the fashion industry with intellectual property," WIPO MAGAZINE. [Online]. Available: https://www.wipo.int/wipo_magazine/en/2019/04/article_0002.html

[23] C. Ratcliff, "How fashion ecommerce brands use email marketing," Econsultancy.

[24] K. Ganzemiller *et al.*, "EXPLORING PREFERRED LEADERSHIP STYLES ACROSS INDUSTRIES: PERSPECTIVES OF FOLLOWERS," *J. Leadersh. Organ.*, vol. 3, no. 2, Aug. 2021, doi: 10.22146/jlo.65845.

CHAPTER 2

METAMORPHOSIS OF SOCIETY: NAVIGATING DIGITAL TRANSFORMATION, CRYPTOCURRENCIES, AND THE ENIGMATIC ARCHITECT

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ABSTRACT:

In the wake of unprecedented global changes over the past two years, this paper examines the profound impact of digital transformation on contemporary society. The exploration encompasses the far-reaching implications of blockchain technology and cryptocurrencies, notably Bitcoin, which has revolutionized online transactions. As we emerge from the challenges posed by the COVID era, the author reflects on the prospect of returning to a traditional college setting after two years of immersion in the online work environment. The last two years have witnessed a transformative shift in the lives of billions as society navigates the intricacies of a rapidly evolving digital landscape. This paper delves into the multifaceted impact of digital transformation, with a focus on the revolutionary emergence of cryptocurrencies, particularly Bitcoin. Employing a comprehensive literature review and a critical analysis of key concepts, the study explores the enigma surrounding the pseudonymous figure, Satoshi Nakamoto, credited with the invention of Bitcoin. The paper employs various styles, including animation techniques and visual metaphors, to convey the complex narratives surrounding blockchain technology, cryptocurrency, and Nakamoto's identity. The investigation concludes by examining the dichotomous perception of Nakamoto as either a hero revolutionizing digital transactions or a figure entangled in ethical and economic debates within the cryptocurrency community.

KEYWORDS:

Blockchain Technology, Bitcoin, Cryptocurrency, Digital Transactions, Satoshi Nakamoto.

1. INTRODUCTION

Adopting the Double Diamond model as a foundational structure, the research initiates an examination into the transformation of currency, the decentralized characteristics inherent in Bitcoin, and the rise of globally intertwined "private" economies. The storyline is conveyed through diverse animation techniques, introducing a visual facet to the exploration of intricate subjects [1]. The mystery enveloping Satoshi Nakamoto, credited as the architect behind Bitcoin, takes center stage in the inquiry, underscoring Nakamoto's dual portrayal as either a visionary hero or a figure provoking ethical discussions.

1.1.Inception

In two years, billions of people's lives have altered; the way we fundamentally function as a society The digital transformation has profoundly altered various aspects of our lives, presenting both positive and negative changes. The convenience of accomplishing tasks online has evolved into a seemingly limitless realm, extending from everyday activities such as grocery shopping to more critical aspects like virtual doctor consultations and staying connected with friends and family [2]. As the author emerges from the challenges of the COVID era, the author finds myself poised at the threshold of a new chapter in my life my thesis. Having immersed myself in the online work environment over the past two years, the

prospect of returning to a traditional college setting is met with eagerness. This shift marks a deliberate choice to engage in a more conventional and immersive educational experience [3], [4].

Throughout my project, the author employed the Double Diamond model as a guiding framework, influencing both my primary research and visual exploration. The Double Diamond process employs iterative cycles of divergent and convergent thinking to systematically generate and refine ideas, making it a versatile approach applicable to a wide range of problem-solving scenarios. The framework's effectiveness lies in its ability to adapt to diverse challenges, providing a structured method for creative problem-solving [5]. The book detailing my project incorporates a distinctive diamond emblem featured at the top of each page, serving as a visual indicator of the ongoing phase within the Double Diamond process. This intentional design choice aids in creating a seamless narrative that reflects the dynamic and cyclical nature of problem-solving through divergent and convergent thinking. Figure 1, shows the concept of placing all eggs in one basket and the initial subjects.

Free will vs Fate
It is said God knows exactly what will happen but at the same time you are made in his image a being of free will.

FREE WILL VS FATE

MYSTERY OF ATLANTIS

Lost City Of Atlantis
The legend of Atlantis is a story about a moral, spiritual people who lived in a highly advanced, utopian civilization

Which is now lost forever under the sea

Blockchain
In 2022, the most hyped-up term is block chain, followed by bitcoin and nfts..

BLOCKCHAIN

EASTER ISLAND

Easter Island
Moai, stone monoliths that have stood watch over the island landscape for hundreds of years. Their meaning is mystery

El dorado
The lost of gold has been searched for countless centuries. The myths and the stories

LOST CIVILZATIONS

KARDASHEV SCALE

Kardashev scale civilization
The Kardashev scale is a method of measuring a civilization's level of technological advancement based on the amount of energy it is able to use

Figure 1: Illustrate the concept of eggs in a basket and the initial subjects.

1.2.Evolution of money:

Money has been a captivating subject, intriguing individuals from the days of Aristotle to our contemporary era. It serves as the driving force behind the world's activities. The concept of money has undergone a fascinating evolution over time, progressing from metal currency to commodity-based transactions, transitioning to paper currency, advancing to credit transactions, introducing plastic money, and ultimately leading to the era of a cashless society [6], [7]. As humans, our perpetual quest for improvement has propelled us to explore what lies beyond the current state. A cashless economy, a recent development, represents a paradigm shift where currency's physical circulation within an economy becomes obsolete. Instead, all transactions are exclusively conducted through electronic channels like direct debit and credit cards. Embracing a cashless transaction system brings about enhanced manageability in payments across the nation. The notion that the one who controls all the cards holds sway over everything becomes particularly relevant in this context. In today's digital landscape, online commerce heavily relies on financial institutions acting as trusted third parties to facilitate

electronic payments [8], [9]. Throughout history, the exchange of money has fundamentally operated on a foundation of trust, a principle that has endured as the world continues to evolve.

1.3. One Small Step for Man:

The concept of decentralization takes center stage with Bitcoin, distinguishing it from our conventional services that hinge on the traditional financial system for money transfers and rely on existing debit/credit accounts. Bitcoin operates in a decentralized manner, enabling any two individuals worldwide to conduct transactions without the intervention of banks, governments, or other centralized institutions. Introduced in 1991, blockchain is a revolutionary concept aimed at storing and securing digital data. Essentially, it functions as a database that stores encrypted data in blocks, linking them sequentially to create a chronological, indisputable source of truth for the information [10], [11]. The core elements of blockchain include blocks, nodes, and miners. Cryptocurrencies, such as Bitcoin, leverage blockchain technology to record and secure every transaction in a decentralized manner. This ensures that digital currencies can be sent globally without the need for currency exchanges or interference from central banks, providing a level of financial freedom and accessibility. The blockchain, serving as an open ledger, allows multiple parties to simultaneously view the transactional history, fostering transparency and trust within the system.

1.4. Blockchain economy:

The current surge in the popularity of crypto, particularly Bitcoin, marks the onset of a revolution that demands the attention of every institution. We are witnessing the emergence of globally interconnected "private" economies, and the blockchain economy stands as a logical outcome of the Bitcoin revolution. As Bitcoin gained popularity, the blockchain, with its immutable ledger, evolved into an advanced means of managing finances. One notable application of blockchain technology is in the realm of electronic voting, where its information security properties can contribute to addressing election interference and enhancing poll accessibility. Moreover, blockchain has the potential to increase the accountability of governments by eliminating redundancies, improving operations, and ensuring data integrity in specialized applications. In the banking sector, blockchain is disrupting the traditional system by eliminating the need for intermediaries. It introduces a peer-to-peer payment system characterized by high security and low fees. This shift challenges the established norms and paves the way for more efficient financial transactions.

1.4.1. Bitcoin:

Bitcoin, the pioneer in the cryptocurrency realm, relies on mining rigs and specialized computers that validate and record transactions to create new bitcoins. Initially accessible to anyone with a regular desktop PC, the process has evolved into a highly energy-intensive endeavor. The energy consumption of the entire Bitcoin network in 2020 exceeded that of the Netherlands. While Bitcoin removes the government as a player in transactions, potentially benefiting users, it also raises concerns about growing inequality and environmental degradation. The need for a remedy to these challenges is yet to be addressed, as the creator, Nakamoto, was more focused on widespread system acceptance than considering its long-term environmental impacts.

1.4.2. Satoshi:

Satoshi Nakamoto, the pseudonymous figure behind the creation of Bitcoin, authored the original Bitcoin whitepaper and is credited with inventing the groundbreaking cryptocurrency. However, the true identity of Nakamoto remains shrouded in mystery, as it has never been

officially verified. Many speculate that Satoshi Nakamoto is a pseudonym used by an individual with a concealed identity or possibly a collective of people [12], [13]. Despite the enigma surrounding the persona, Nakamoto is recognized as the trailblazer who brought the concept of Bitcoin to life, developing the first working model.

Nakamoto's involvement with Bitcoin dates back to its early days, actively working on the inaugural version of the program in 2009. Communication with Nakamoto occurred exclusively through electronic means, further contributing to the uncertainty surrounding the true identity of this figure. The absence of personal and background information has made it challenging to ascertain the individual or group behind the name. Central to Nakamoto's ideology is the principle that "Code is law," reflecting a profound trust in the code itself rather than placing reliance on individuals in authoritative positions. This perspective is rooted in the belief that traditional currencies, with their dependence on trust, are inherently flawed. Nakamoto's assertion that "the core problem with traditional currency is the degree of trust required to make it operate" underscores the historical vulnerabilities and breaches of trust associated with fiat currencies.

1.5. Identity Crisis:

1.5.1. Dorian Nakamoto:

Dorian Nakamoto, a scholar and engineer based in California, found himself at the center of a Newsweek article in March 2014, where journalist Leah McGrath Goodman identified him as the founder of Bitcoin. This led to a public revelation of a 64-year-old Japanese American named Satoshi Nakamoto. However, Dorian Nakamoto denied any involvement in Bitcoin's creation, sparking controversy and emphasizing the challenges of accurately identifying the elusive Satoshi Nakamoto.

1.5.2. Hal Finney:

Hal Finney, a key figure in the cypherpunk movement, played a pivotal role in the early days of Bitcoin. Actively engaged in the Bitcoin community before and after its launch, Finney was the recipient of the first Bitcoin transaction. His proximity to Dorian Nakamoto, living just a few blocks away, added another layer of intrigue to the speculation surrounding Bitcoin's mysterious creator. Hal Finney passed away in 2014, leaving behind a legacy linked to the cryptocurrency's inception.

1.5.3. Craig Wright:

A notable Australian academic and businessman, Craig Wright has made the audacious claim of being Satoshi Nakamoto. However, this assertion remains unverified and subject to skepticism within the cryptocurrency community. Despite his self-proclaimed identity, the ongoing debate over Craig Wright's legitimacy as the true Satoshi Nakamoto highlights the complexity and uncertainty surrounding the search for Bitcoin's enigmatic creator.

2. LITERATURE REVIEW

A. A. Bakri, *et al.* [14] Studied a thorough bibliometric analysis to explore the multifaceted impact of blockchain technology on the digital economy. Utilizing advanced techniques and tools like VOSviewer, the research uncovers trends, influential authors, diverse themes, collaboration networks, and interdisciplinary aspects of blockchain research. The findings indicate a growing recognition of blockchain's significance, with influential authors shaping the discourse. Diverse themes such as fintech, digital transformation, cryptocurrencies, and smart contracts highlight blockchain's versatile applications. Collaboration networks reveal

focused communities, fostering interdisciplinary insights. VOSviewer facilitates a nuanced exploration, offering valuable insights for researchers, practitioners, policymakers, and stakeholders navigating the complexities of blockchain in the digital economy.

H. Treiblmaier and E. Gorbunov, [15] Studied the digital transformation in marketing, particularly concerning cryptocurrencies, which influence consumer-company relations. This study explores how consumer attitudes toward cryptocurrencies can be molded by presenting biased information. Two groups of 100 consumers were exposed to either positive or negative information about cryptocurrencies. The results revealed significant differences in trust, security, and risk perceptions, highlighting the susceptibility of consumer attitudes to one-sided information. This emphasizes the need for more in-depth research in this less-explored area of consumer behavior toward new technologies.

C. Tandon, *et al.* [16] Studied that cryptocurrency and blockchain are driving a significant global digital transformation, altering the conventional understanding of currency. Their popularity stems from rapid returns and social media platforms like Twitter, where user sentiments can impact the market. This study explores the link between tweeted discussions and cryptocurrency prices, focusing on Bitcoin and Dogecoin. It also attempts to predict Bitcoin's future prices using historical data, achieving 96% accuracy. The research highlights the inherent volatility of cryptocurrencies, emphasizing that no individual can control this decentralized system.

A. G. Aliyev,[17] Studied the evolution and trends of cryptocurrency and blockchain technologies in the digital economy, emphasizing the associated risks and features of virtual currencies. It addresses the urgency of studying these technologies amid digital transformations, examining their impact on economic structures and offering insights into security features, functionality, and distinctions from traditional money. The analysis includes statistical trends, capitalization dynamics, and price changes of cryptocurrencies. It explores economic applications, risks, and regulatory challenges, highlighting the potential for future economic development. The paper concludes with recommendations for risk mitigation in the 4.0 industrial platform in the digital environment.

R. Younis Masiha, [18] Studied The global economy is undergoing rapid and profound changes, accelerated by the COVID-19 pandemic. The shift towards digital payments and online applications is challenging traditional paper currencies. Investors are increasingly turning to cryptocurrencies, with countries competing to launch their central bank digital currencies. This transformation raises questions about the potential replacement of digital currencies for traditional forms like gold or the dollar. The cryptocurrency market boasts around 4,337 currencies with a total value of $1.003 trillion, with Bitcoin leading at 66%, holding a market value of $664 billion.

3. DISCUSSION

3.1.Hero or Villan:

The perception of Satoshi Nakamoto is a dichotomy viewed as either a hero or a villain depending on one's perspective. Many consider him a hero for revolutionizing the way people transact on the internet. His ingenious creation of a peer-to-peer network, utilizing blockchain technology and the proof-of-work principle, laid the foundation for Bitcoin and subsequently inspired the development of numerous alternative coins, showcasing Nakamoto's creativity and innovation. However, this hero narrative is accompanied by fundamental concerns and a sense of ambiguity. Nakamoto's ownership of bitcoins, particularly the staggering 1 million coins he holds, raises ethical questions. The mechanism he devised seemingly granted him unfair

advantages, allowing him to be one of the initial recipients of Bitcoin and benefit from the escalating value of his substantial hoard over time [19], [20]. This perceived conflict of interest prompts some to question whether Nakamoto's actions align with the ideals of decentralization and equality that Bitcoin seeks to promote. In this nuanced perspective, Satoshi Nakamoto embodies both the hero who transformed digital transactions and the enigmatic figure whose actions spark ethical and economic debates within the cryptocurrency community. The assessment of Nakamoto as a hero or a villain remains subjective, shaped by individual beliefs and values within the broader context of the cryptocurrency landscape.

3.2.Product of our greed:

A financial system aiming to eliminate government involvement in global transactions carries potential risks for the global economy and its citizens. While it may swiftly enrich a select few and provide anonymity for those with something to conceal on the internet, the broader consequences could be detrimental. The concentration of wealth in the hands of a few individuals overnight could lead to increased inequality, potentially exacerbating existing social and economic disparities. Moreover, the absence of government oversight might create an environment conducive to illicit activities, raising concerns about financial transparency, security, and legal compliance. The phrase "Real eyes realize real lies" underscores the need for vigilant awareness and discernment in navigating the evolving landscape of digital currencies within the global financial system. As cryptocurrencies gain prominence, their cultural impact extends beyond financial considerations. The growing crypto culture has implications for ordinary investors, central banks, and environmental sustainability.

Cryptocultism, as a movement, holds the promise of a social and financial revolution, advocating for technological innovation and envisioning a redistribution of wealth to the deserving. However, the potential consequences, both positive and negative, of this cultural shift should be critically examined. As the crypto culture continues to shape the financial landscape, it becomes crucial to assess its impact on technological progress, financial inclusivity, and environmental sustainability. In the past two years, there has been a profound shift in how people go about their daily lives, marked by increased speed and connectivity. Traditional society is being rapidly transformed by new technologies, giving rise to a neo-digital civilization. The current state of the world is uncertain, with unknown trajectories lying ahead. In the present, society is witnessing the sudden prevalence of terms like blockchain, Bitcoin, NFTs, and Crypto in mainstream media. Everyday individuals are selling pixel art for substantial sums, some gaining wealth rapidly only to lose it even faster, and new cryptocurrencies are emerging. People are investing in "virtual estate" blocks, memes are turning into valuable assets, governments are opposing, and celebrities and influencers are endorsing this new wave. Unless one has been living under a rock, some awareness of these developments is inevitable.

At its essence, a blockchain serves as a decentralized ledger for all transactions within a peer-to-peer network. This allows participants to verify transactions without the need for a central clearing authority. In simpler terms, it empowers people to have control over their money without relying on multilateral institutions that traditionally safeguard and promote nation-state interests. The ongoing surge in cryptocurrencies, particularly Bitcoin, signifies the onset of a revolution that no institution can afford to ignore. It heralds the emergence of globally interconnected "private" economies, challenging the traditional concept of a nation-state. This transformative shift is made possible by the blockchain. Quoting Charles Bukowski, "You begin saving the world by saving one man at a time; all else is grandiose romanticism or politics." This leads us to ponder the architects behind this revolutionary change and their vested interests. On paper, the originator of Bitcoin and the pioneer in applying the blockchain

concept is attributed to "Satoshi Nakamoto," a pseudonymous name used by an individual or a group. This enigmatic figure launched Bitcoin in January 2009 during the global financial crisis, and the first block in the blockchain contained a concealed message deep within the code.

The fundamental issue with traditional currency lies in the extensive trust it demands to function, and historical instances have demonstrated that fiat currencies are susceptible to breaches of trust. The ideology behind Bitcoin's creation, often attributed to "The architect," centers on the belief that "Code is law," expressing a preference for trusting the code rather than relying on individuals in positions of authority. It is speculated that the 2008 financial depression motivated the creation of Bitcoin. Satoshi Nakamoto, the mysterious persona associated with the inception of Bitcoin, was actively involved in its early days, contributing to the blockchain from 2009 until abruptly ceasing communication in 2010. Despite 12 years passing since Bitcoin's introduction, Nakamoto's identity remains one of the most significant enigmas in the crypto world. Questions about Nakamoto's intentions persist, with theories ranging from attributing divine status to him, drawing parallels to the Bible, to contemplating the potential impact of exposing his identity.

The value of Bitcoin is linked to its scarcity, with 90 percent of bitcoins already mined since its inception. Satoshi's wallet, estimated to hold around 5% of all mined bitcoins, places his net worth at approximately 46 billion USD. As mainstream culture increasingly incorporates cryptocurrency into daily economic operations, the risk of Nakamoto destabilizing the economy by flooding the market is a significant concern, potentially causing long-lasting repercussions. Governments worldwide are grappling with financial concerns raised by the advent of Bitcoin, prompting efforts to develop their currencies and regain control over monetary flows. Various individuals, including Dorian Nakamoto, have been wrongly accused of being the elusive Satoshi Nakamoto. Presently, Nakamoto is regarded as a quasi-divine figure, and his teachings have spawned factions striving to shift power back to the people.

This force of nature has ushered in changes impacting everyone's financial landscape, offering more avenues for earning and safeguarding money without federal tax obligations. Governments are responding with proposed high taxes and regulations on crypto exchanges and revenue, encountering opposition from a substantial number of individuals supporting the movement. The upcoming decade is poised for a transformative shift, with uncertainties about whether control will rest with the government, and the people, or if the elusive architect will reveal his plans for all.

3.3.Final Style:

3.3.1.   Match Cut Technique:

Employing the match-cut technique involves transitioning from one shot to another with matched compositions in terms of action and subject matter. During animation, the author employed a rod to seamlessly connect the two scenes, creating the illusion of a continuous shot. The train in the first scene disappears precisely as the second one emerges.

3.3.2.   Frame-by-Frame Animation:

Frame-by-frame animation necessitates altering the contents of the Stage in each frame. This proved to be a time-consuming process, particularly as it was my initial experience animating frame by frame for more than 4 seconds. Despite the challenges, the process was rewarding, granting precise control over each frame and enabling experimentation with form.

3.3.3. Bitcoin Donation Scene:

Serving as both the cover image and a pivotal scene in the animated short, this sequence portrays the symbolic act of handing Bitcoin to humanity. The imagery evokes a sense of supernatural intervention, akin to a monk bestowing Bitcoin upon mankind in a manner reminiscent of a minister distributing Christ's body to the masses.

3.3.4. Stop Motion Animation:

Animation involves filming objects frame by frame to create the illusion of movement at normal playback speed. To imbue depth into images and documents, I utilized parallax animation and revealed the sequence using alpha mattes. Given the numerous references to articles and documents in the final result, this approach proved most effective in conveying the content.

4. CONCLUSION

This study unravels the intricate layers of the digital transformation experienced globally, emphasizing the revolutionary impact of blockchain technology and cryptocurrencies. The enigmatic figure, Satoshi Nakamoto, stands at the center of debates, perceived alternately as a hero reshaping digital transactions or a figure raising ethical questions. The exploration of various animation styles and visual metaphors adds depth to the understanding of complex concepts, making the narratives more accessible. As we stand on the cusp of a new era, marked by uncertainties and transformative shifts, the dichotomy surrounding Nakamoto's legacy continues to shape the discourse within the cryptocurrency community. This investigation invites ongoing contemplation on the role of technology, decentralization, and the enigmatic architects who catalyze societal evolution.

REFERENCES:

[1]   K. A. Koshelev, "Trends in the Evolution of the Digital Financial Assets Market in the Context of the Digital Transformation of the Global Economy," *Financ. Theory Pract.*, 2022, doi: 10.26794/2587-5671-2022-26-4-80-94.

[2]   R. R. Suryono, I. Budi, and B. Purwandari, "Challenges and trends of financial technology (Fintech): A systematic literature review," *Information (Switzerland)*. 2020. doi: 10.3390/info11120590.

[3]   N. Antal-Molnár, "The evolution of the digital currency," *Int. J. Contemp. Bus. Entrep.*, 2022, doi: 10.47954/ijcbe.3.1.1.

[4]   D. R. B. Ayeswarya and M. R. Varghese, "a Study on Going Cashless With Cryptocurrency in India and Its Impact in Banking Industry," *Inf. Technol. Ind.*, 2021.

[5]   L. Batiuk and O. Kravchenko, "Cryptocurrency: mechanism of functioning and prospects of distribution in the conditions of globalization," *Innov. Econ.*, no. 1–2, pp. 131–139, 2021, doi: 10.37332/2309-1533.2021.1-2.19.

[6]   L. Batiuk and O. Kravchenko, "Cryptocurrency: mechanism of functioning and prospects of distribution in the conditions of globalization," *Innov. Econ.*, vol. 26, no. 1–2, pp. 131–139, 2021, doi: 10.37332/2309-1533.2021.1-2.19.

[7]   B. Bozdoğanoğlu, "Evaluation of the effects of technology literacy and digital financial literacy on the investment and taxation process in crypto assets," in *Current Issues and Empirical Studies in Public Finance*, 2022, pp. 95–126.

[8]   D. Broby, "Financial technology and the future of banking," *Financ. Innov.*, vol. 7, no. 1, 2021, doi: 10.1186/s40854-021-00264-y.

[9]   S. Lobozynska, U. Vladychyn, and I. Skomorovych, "Digital Banking Transformation Through Cooperation with Fintech Startups in Ukraine," *Finans. i Prawo Finans.*, vol. 1, no. 37, pp. 85–101, 2023, doi: 10.18778/2391-6478.1.37.05.

[10]   A. Osipenko and V. Solovev, "Main Trends in the Development of Criminological Theory and Crime Prevention Practice in the Context of the Digitalization of Society," *Russ. J. Criminol.*, vol. 15, no. 6, pp. 681–691, 2021, doi: 10.17150/2500-4255.2021.15(6).681-691.

[11]   M. Abubakar, M. K. Hassan, and M. A. Haruna, "Cryptocurrency tide and islamic finance development: Any issue?," in *International Finance Review*, 2019, pp. 189–200. doi: 10.1108/S1569-376720190000020019.

[12]   N. V. Usova, M. P. Loginov, and E. I. Makovkina, "Cryptocurrency Development in Russia," in *Springer Proceedings in Business and Economics*, 2022, pp. 417–421. doi: 10.1007/978-3-031-14410-3_43.

[13]   I. Nekrasova, "Alternative Protective Instruments of the Russian Currency Market in the Context of High Volatility and Sanctions," *Vestn. Volgogr. Gos. Univ. Ekon.*, no. 4, pp. 132–140, 2022, doi: 10.15688/ek.jvolsu.2022.4.11.

[14]   A. A. Bakri, E. Sudarmanto, N. D. P. S. Fitriansyah, A. Y. Rukmana, and E. Y. Utami, "Blockchain Technology and its Disruptive Potential in the Digital Economy," *West Sci. J. Econ. Entrep.*, vol. 1, no. 03, pp. 116–123, 2023, doi: 10.58812/wsjee.v1i03.165.

[15]   H. Treiblmaier and E. Gorbunov, "On the Malleability of Consumer Attitudes toward Disruptive Technologies: A Pilot Study of Cryptocurrencies," *Inf.*, vol. 13, no. 6, 2022, doi: 10.3390/info13060295.

[16]   C. Tandon, S. Revankar, H. Palivela, and S. S. Parihar, "How can we predict the impact of the social media messages on the value of cryptocurrency? Insights from big data analytics," *Int. J. Inf. Manag. Data Insights*, vol. 1, no. 2, 2021, doi: 10.1016/j.jjimei.2021.100035.

[17]   A. G. ALIYEV, "Study of Development Trends and Application Risks of Cryptocurrency and Blockchain Technologies in the Digital Environment," *Inform. Econ.*, vol. 26, no. 3/2022, pp. 37–49, 2022, doi: 10.24818/issn14531305/26.3.2022.04.

[18]   R. Younis Masiha, "Effects of Cryptocurrencies on Global Economics: A Review Study," *Qubahan Acad. J.*, vol. 2, no. 2, pp. 9–15, 2022, doi: 10.48161/qaj.v2n2a126.

[19]   N. R. Mosteanu and A. Faccia, "Digital systems and new challenges of financial management – fintech, XBRL, blockchain and cryptocurrencies," *Qual. - Access to Success*, vol. 21, no. 174, pp. 159–166, 2020.

[20]   P. Lanskov, M. Murashov, and D. Lanskov, *Digital financial assets, their origin, development and prospects in the Russian financial market*. 2022. doi: 10.12737/1859925.

CHAPTER 3

TRANSFORMATIVE LANDSCAPE OF THE INDIAN RETAIL INDUSTRY AND EMERGING GLOBAL TRENDS

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ABSTRACT:

The Indian Retail Industry, the largest contributor to the country's GDP and employment, is undergoing a transformative phase with the entry of numerous players. Despite substantial initial investments, not all have succeeded in this dynamic sector. The industry is evolving into the next booming sector, marked by changes in shopping formats and consumer behavior. The study explores emerging trends in the global and Indian retail landscapes. This study analyzes shopper trends and explores the social economy and the shift toward a start-up mentality in the retail sector. The study examines the importance of an omnichannel approach in engaging the contemporary consumer, particularly millennials. It highlights the challenges and strategies related to customer intelligence, experience, and analytics. The role of pop-up stores in the retail landscape is explored, emphasizing their advantages for various types of businesses, from established brands to start-ups. Opportunities for micro-businesses and start-ups are discussed, outlining the benefits of pop-up ventures for retailers and consumers alike. The study also compares online and offline retail strategies, acknowledging the importance of both in establishing trust and value. Finally, the study concludes by envisioning the future of retail, where innovative concepts like pop-up stores seamlessly integrate digital advantages with in-store experiences. The study explores the rise of pop-up stores, their advantages for various businesses, and their role in post-digital commerce. Opportunities for micro-businesses and startups are highlighted, emphasizing the benefits for both retailers and consumers. The choice between online and offline retail is discussed, with startups increasingly adopting a dual strategy for broader outreach. The future of retail lies in innovative concepts like pop-up stores, blending digital advantages with in-store experiences. The future of the Indian Retail Industry entails strategic adaptation, technology integration, and a keen focus on meeting evolving consumer expectations. Retailers need to embrace innovation, leverage data-driven insights, and remain agile to thrive in the dynamic landscape of the retail sector.

KEYWORDS:

Indian Retail Industry, Micro-Businesses, Pop-Up Stores, Retail Sector.

1. INTRODUCTION

The Indian Retail Industry holds the position of being the largest among all sectors, contributing more than 10 percent to the country's GDP and approximately 8 percent to overall employment. Emerging as a dynamic and rapidly evolving sector, the Retail Industry in India has witnessed the entry of numerous players into the market. However, not all have achieved success due to the substantial initial investments required to compete and break even with established companies. Gradually, the Indian Retail Industry is moving towards becoming the next booming sector. There has been a notable transformation in the entire concept and experience of shopping in India, marked by changes in format and consumer purchasing behavior. This shift has triggered a shopping revolution in the country. The evolving perceptions of service and changing buying patterns among consumers in India necessitate retailers to be attentive and adapt their strategies and tactics to deliver value.

The global retail landscape is undergoing significant changes, driven by innovations such as cloud computing, mobile technology, and big data. Merchants must adapt to these new dynamics and leverage non-traditional tools to thrive. Modern retailing has made a significant impact on the Indian market, evident in the bustling shopping centers, multi-storied malls, and expansive complexes that integrate shopping, entertainment, and food services under one roof [1], [2].

1.1. Retail Trends

1.1.1. Transitioning to the Digital Realm

Retailers face a significant "data gap" when it comes to their brick-and-mortar customers. While they can effortlessly amass a wealth of data on online shoppers, including purchase history, browsing activities, wish lists, and more, similar data-gathering mechanisms are rarely in place for in-store customers. This absence of data tools hampers their ability to optimize the supply chain, manage inventory efficiently, and cut down on costs.

Although a substantial portion, approximately 90%, of retail sales still occur within physical stores, the balance between online and in-store transactions is undergoing a shift. Online browsing now plays a crucial role in influencing the pre-purchase phase. According to a US study by Accenture, 88% of respondents research products online before making in-store purchases, a phenomenon commonly referred to as "web-rooming." In contrast, only 73% of consumers claim to engage in "showrooming," the practice of browsing in-store before making online purchases. Traditional retailers encounter a primary challenge: how to integrate the advantages of online shopping, such as a broad range of offerings, high availability, reviews, and detailed product information, into their physical stores. Simultaneously, they aim to incorporate the best aspects of the physical shopping experience, including immediacy, size and fit confidence, and the ability to touch and feel products, into their online offerings.

Key Insight:

Brick-and-mortar retailers face a significant "data deficit" concerning their in-store customers. While they can collect extensive data on online shoppers, including purchase history, browsing habits, and wish lists, similar mechanisms for gathering data on in-store customers are scarce. This lack hinders their ability to optimize supply chain processes, manage inventory effectively, and cut down on costs [3], [4].

1.1.2. Footprint

Retailers have trillions of dollars invested in their physical presence and real estate, yet many are realizing that the spaces they inhabit are often too expansive and poorly situated. The cloud presents an advantageous solution for startup retailers, allowing them to efficiently source, market, and deliver products without the constraints of scale. Quick to seize short-term opportunities, pop-up stores are leveraging this approach. Unused space has transformed into a liability, and what were once strategic long-term leases now feel like burdens for retailers. Traditional retail establishments with sizable unproductive spaces may find themselves hindered in investing adequately in the customer experience.

Takeaway:

Pop-up stores offer an effective avenue for short-term footprint optimization, and the trend of temporary retail is gradually evolving into a more permanent fixture.

1.1.3. Over Supply

Retailers are not only contending with oversized stores in inconvenient locations. In mature markets, consumers are confronted with an abundance of choices from numerous retailers, leading to oversaturation in the retail sector. The current objective for retailers is to gain market segment share from competitors, shifting focus from overall sector growth.

Key Point:

To address this challenge, retailers must possess accurate customer insights to avoid overstocking and make informed decisions that align with market demands [5], [6].

1.1.4. Polarization

Polarization in the retail landscape is evident as some stores opt for smaller, more consumer-proximate locations, while others maintain large establishments leveraging scale for diverse in-store experiences and ample choices. The shift in brick-and-mortar retail involves a heightened emphasis on emotionally engaging products, creating highly experiential buying processes. Stores will either optimize to provide shoppers with a high-touch, high-tech, enjoyable experience centered around the purchase or focus on efficiency, reducing friction, and facilitating swift transactions for routine purchases. Retailers face the challenge of reallocating space to enhance the overall shopping experience.

Key Takeaway:

Retailers must gradually rebalance their store and channel portfolio, a process hindered by long leases. Navigating this transformation requires finding innovative ways to reallocate space, ultimately enhancing the overall shopping experience for customers.

1.1.5. Inefficiency:

The inherent inefficiency of the current retail model necessitates a transformation. Leveraging technology to introduce novel formats and virtual spaces has the potential to reduce real-estate-rental costs and enhance productivity. Additionally, technology can enhance the efficiency of brick-and-mortar retail by automating low-value-added manual processes through the utilization of mobile, IoT, robotics, and other technologies. This automation liberates labor to focus more on customer-centric tasks, thereby improving the overall customer experience and setting retailers apart from their competitors. Consequently, retailers must invest in the quality of their staff, emphasizing highly differentiated customer service. Smart retailers should evaluate existing processes to identify where human input adds genuine value and where automation can eliminate manual, low-value, or tedious activities, allowing in-store labor to excel at what they do best and elevate the customer experience.

Takeaway:

Retailers must discern the optimal balance between human and digital investments at each customer touchpoint to meet and exceed customer expectations [7], [8].

1.1.6. The Rise of the Sharing Economy

The sharing economy is gaining traction as individuals engage in peer-to-peer sharing, bartering, renting, or loaning of goods, bypassing traditional retail and distribution channels. This trend appeals especially to millennials, not only for the potential cost savings on products but also for its perceived efficiency in utilizing valuable resources, whether financial or environmental. Retailers may explore leasing and rental services across various product categories.

Key Takeaway:

The sharing economy's impact on retail working conditions and product experiences ensures the continuous evolution of the retail sector amidst the rapidly changing world. For businesses specializing in physical products, maintaining a presence in storefronts offers a unique advantage, providing visibility, interaction, and credibility that distinguishes them in a landscape filled with competing e-commerce stores.

1.1.7. Start-Up Mentality

In tandem with the surge in online trends, numerous fashion enterprises are witnessing a significant downturn in physical store footfall. Simultaneously, they are exploring avenues to curtail store operational expenses, reassess store networks, and revolutionize the in-store experience to entice customers. The digital transformation has impacted some businesses more severely than others. Given the pressing and intense demand for innovation within the industry, an increasing number of fashion companies will strive to adopt the characteristics of startups, such as agility, collaboration, and openness. Conventional players will find themselves compelled to broaden their perspectives by embracing new talent, novel work methodologies, diverse partnerships, and innovative investment models.

Key Takeaway:

Both established and emerging fashion brands will increasingly incorporate aspects of the typical startup mindset and culture, including the rapid cycle of development, testing, and learning.

The study introduction section explores the dynamic landscape of the Indian Retail Industry, emphasizing its significant contribution to the country's GDP and employment and key retail trends. The literature of the previous study is discussed in the literature review section. The discussion section explores shopper trends and underscores the importance of adopting an omnichannel approach to cater to diverse customer preferences. Pop-up stores are recognized as a pivotal trend, offering advantages for brands and consumers, and facilitating opportunities for micro-businesses and start-ups. The study concludes by discussing the online versus offline debate and envisioning the future of retail, emphasizing the integration of digital and in-store experiences through innovative concepts like pop-up stores. Finally, the study ends with a conclusion section that explains the outcome and future of this study.

2. LITERATURE REVIEW

Nair K. [9] investigated the Indian retail industry, examining current trends and potential future scenarios. It emphasizes the planned retail outlets in growing Indian cities, highlighting the substantial opportunities presented by these expanding urban centers. The study underscores the impact of the rapidly changing economic and market landscape on the development of organized retailing, particularly in cities categorized as developing and emerging. Factors contributing to deviations in the retail segment include the presence of diverse consumer groups with varying purchasing power, their value consciousness, and the entry of new brands in the Indian market. The study concludes by noting the keen interest of numerous global retailers in the expansive Indian market, facilitated by favorable government policies and the presence of advanced technologies, signaling a promising outlook for the growth of the retail sector.

Chattopadhyay P. [10] studied the initiation of economic reforms has propelled globalization, making it a ubiquitous phenomenon across countries, despite some resistance in certain regions. Globalization, fundamentally characterized by the free flow of goods, services, capital, intellectual skills, and knowledge, has led to a diverse range of products and services in the

global market. That had, in turn, intensified market complexity and competition among marketers. The dynamic nature of customer needs, tastes, and preferences is changing rapidly, necessitating marketers to be highly organized to navigate the fiercely competitive market. That shift in consumer demands has given rise to organized retailing in India, a rapidly growing sector facing stiff competition between organized giants and unorganized kirana shops. Retailing, a thriving sector in the service industry, has become an integral part of everyday life, witnessing significant growth and investment changes. The emergence of organized retail formats in India is attributed to economic fundamentals, nuclear families, easy financing options, an increase in working women, rising disposable income, and the phenomenon of Dual Income No Kids. However, the impact on the unorganized sector is substantial, as organized retail is expected to dominate in the future, affecting the profitability and presence of unorganized shops. Despite challenges faced by organized retailers, such as a rigid tax structure, inadequate infrastructure, high real estate costs, and stringent foreign direct investment (FDI) policies, the unorganized retail sector still holds a dominant position in India, constituting 96% of total trade, while organized retailing accounts for only 4%. Looking ahead, technological advancements and evolving customer lifestyles may reshape the retail industry's landscape. The model proposed in the study aims to provide strategic insights for navigating the changing dynamics of the retail market in India.

Shetty G. et al. [11] investigated the impact of COVID-19 on India's Fast Moving Consumer Goods (FMCG) and Retail industries, exploring the emerging trends in these sectors. Acknowledging the profound influence of the pandemic on global commerce, the study anticipates lasting transformations in business dynamics. Key trends such as the Direct to Consumer model (D2C) and Omnichannel fulfillment are identified as crucial aspects of the evolving post-COVID landscape. The analysis draws on macroeconomic dynamics, shifts in consumer behavior, and disruptions in the supply chain to comprehend the intricate network driving these trends. The methodology involves a comprehensive review of existing literature on COVID-19's implications for business and commerce in India. The findings indicate a notable shift in distribution models, as traditional intermediaries like wholesalers and distributors are phased out. Companies are strategically employing technology to establish direct distribution channels, bringing them closer to the end consumer.

Chandrachud S. and Rajagopal N. [12] discussed the Indian retail industry holds significant economic importance, contributing over 9 percent to the country's Gross Domestic Product (GDP) and providing employment for more than 7 percent of the population. Currently, India ranks fifth globally in the retail market. That study focuses on the factors influencing the purchase of private-label brands from modern retail outlets. The first chapter introduces private label branding and emphasizes the need for analysis. The second chapter reviews relevant literature, while the third chapter covers the fundamentals of private-label branding. The fourth chapter presents a SWOT analysis of private label branding, and the fifth chapter explores the impact of private label branding on Indian retailing. The study concludes in the final chapter, highlighting emerging trends and the evolving landscape of the Indian retail sector. Shilpa Sarvani Ravi and M. V. Ram Prasad [13] The retail sector in India, particularly the organized retail market, is experiencing significant growth, with a Compound Annual Growth Rate (CAGR) of 20-25% per year. Despite being the second-ranked country in the Global Retail Development Index 2019, the Fruits and Vegetables (F&V) segment within organized retail faces challenges such as high wastage and demand uncertainty. That qualitative study conducted in Bengaluru addresses these challenges through structured interviews with Operation Managers and Warehouse Managers. Critical issues like low shelf life, quality uncertainty, price fluctuations, seasonality, and fill-rate problems were identified, accompanied by innovative strategies. The study establishes a conceptual framework aligning challenges and

innovations, aiming for sustainable growth. Additionally, emerging trends in F&V retailing were identified, providing valuable insights for retailers and entrepreneurs seeking to overcome challenges and achieve sustainability in the market.

Gootam S. and Sanjay Kumar K. [2] studied that over the past decade, the Indian retail market has undergone a significant shift towards organized retail formats, departing from the traditional landscape of unorganized family-owned businesses. That transformation is driven by factors such as rapid urbanization, evolving shopping patterns, demographic changes, and proactive government measures. The organized retail sector in India, comprising departmental stores, hypermarkets, supermarkets, and specialty stores, is altering the retailing landscape. India stands as the third-most attractive retail market for global retailers among emerging markets. The government's decision to allow 51% Foreign Direct Investment (FDI) in multi-brand retail, with certain restrictions, has led to joint ventures in the sector. Additionally, there is a noticeable trend of rural retailing, with Indian companies targeting the rural market. The Indian retail sector contributes significantly to the country's GDP (22%) and employment (8%), experiencing substantial growth not only in major cities but also in Tier-II and Tier-III cities. That study aims to explore the changes, trends, and challenges within the dynamic Indian retail sector.

These previous studies contribute valuable insights into the evolving landscape of the Indian retail sector, addressing factors from economic shifts to the impact of global events, and proposing strategic approaches for sustainable growth and adaptation. The current study explores the significant changes and shifts occurring in the Indian retail sector and the concurrent global trends that are influencing or shaping this transformation.

3. DISCUSSION

Consumers in the retail sector now demand to be at the forefront of their shopping experience, desiring complete control and a unified experience across different platforms. They expect seamless integration, seeking consistency in inventory, prices, and the ability to order online and return items in physical stores. Retailers prioritizing customer-centric strategies over their own or suppliers' interests are more likely to achieve long-term success.

3.1.Shopper Trends

Consumers now have evolving expectations in the retail sector. Primarily, they anticipate being at the forefront of the shopping journey, desiring complete control throughout. They perceive a unified shopping experience across various platforms and seek seamless integration, aspiring for consistency across all channels. This includes the ability to order items online and return them in physical stores, with the expectation of identical inventories and prices across both online and offline outlets. Ultimately, retailers focusing on customer-centric strategies rather than prioritizing their interests or those of suppliers are more likely to achieve long-term success [14], [15].

3.1.1. Emphasizing The Importance Of Both Experience And Convenience

Convenience reigns supreme as shoppers seek what they desire, precisely when and how they desire it, with a strong preference for quick and effortless acquisition. The quest for smooth, uninterrupted shopping experiences is paramount, with customers yearning for seamless and frictionless interactions. Whether facing a glitchy website, inattentive sales personnel, or poorly designed in-store technology, any disruptions to the shopping journey are unwelcome. Many customers find joy in the act of shopping itself, considering it a recreational activity, an escape, or an adventurous pursuit – a social and tangible experience.

Key Takeaway:

Both mission shopping (focused on fulfilling specific needs) and experience shopping resonate with nearly all customers. Retailers should explore, develop, and implement technology that enhances the social aspect of shopping, aids in decision-making, facilitates memorable experiences, and fosters deeper emotional connections by intensifying brand and product engagement."

3.1.2. Transparency

There is a growing demand from shoppers for enhanced transparency regarding pricing, retail operations, and the products they intend to purchase. This is especially pronounced among Millennials, who now view a purchase as a symbolic 'vote' for a particular brand. They perceive their choices as reflective of their identity and personal brand, known as 'Brand Me.' Therefore, they seek assurance in advance that their product or brand selection aligns positively with their self-image. Transparency also encompasses an expectation of seamless connectivity in the store. If retailers resist customers' attempts to use their devices for checking price competitiveness, product reviews, or operational information, it may lead customers to suspect hidden motives.

Takeaway:

Retailers must prioritize increasing transparency concerning their products. This entails providing shoppers with comprehensive information about the origin of products, labor practices, and the existence of workshops or awareness programs [16], [17].

3.1.3. Freedom and Influence

Modern consumers desire an abundance of choices and control in their shopping experience. They actively seek out retailers capable of providing a wide array of products consistently in stock. Consumers particularly favor retailers that grant them the flexibility to shop at their convenience, anytime they wish. They aspire to receive personalized treatment, wanting their retail interactions to feel uniquely tailored to their tastes and preferences. Consumers express a keen interest in products, services, and experiences that are either customized, personalized, or a combination of both. The distinction between these concepts largely revolves around who holds the reins in making individualization choices.

Key Insight:

As the physical footprint of stores decreases, retailers must devise strategies to offer a diverse product selection within limited space. Efficient product display and merchandising will be crucial to maximizing the shopping experience in these more compact retail environments."

3.1.4. Brand Engagement

Present-day millennial shoppers approach their purchases with the perspective that they are endorsing or supporting a brand. This demographic insists on having an amplified influence on how products are created and sold. These consumers aspire to play dual roles as both creators and consumers, expressing a preference for brands that actively involve them in the processes of product development, merchandising, and sales. Retailers must explore avenues to engage customers in meaningful two-way conversations regarding the future of their business, their choice of suppliers, product development, and operational strategies.

Key Insight:

Utilizing social networking and other platforms becomes crucial for retailers to initiate and sustain dialogues with shoppers. This approach not only facilitates communication but also reinforces the emotional bond between consumers and brands [18].

3.1.5. Personalization & Customization

A growing trend among shoppers is the desire for tailored products and experiences that cater to their unique preferences. Consumers increasingly seek a personalized approach, envisioning themselves as unique individuals rather than part of a generic customer base. This extends to both the desire for pre-customized products and the option to modify purchased items at home. Human beings inherently crave creative expression, whether evident in their clothing choices or the color of their vehicles. In addition to personalized products and services, shoppers are actively pursuing a customized shopping experience. Retailers must assess their operations to identify suitable areas for offering customization options.

Takeaway:

To create personalized experiences, retailers must thoroughly understand each shopper and possess the necessary intelligence and analytics capabilities. This ensures that every in-store interaction becomes personal and relevant for the customer.

3.1.6. The Social Economy

In a growing trend, consumers find themselves leaning towards trusting reviews and product recommendations shared by friends on social networks rather than relying on 'official' reviews and tests. The utilization of social networks is streamlining the shopping experience for individuals, as they turn to their networks for advice on purchases or seek reassurance before making impulsive buying decisions.

Key Insight:

Retailers must strategize on seamlessly incorporating social networking at every stage of the shopper journey, spanning from initial discovery and decision-making to the purchase phase and extending beyond to foster post-sales loyalty.

3.2.An Omnichannel Store

Individual preferences vary, and that's a positive aspect. The contemporary consumer is no longer confined to a single shopping channel. A recent examination of a prominent U.S. retailer's clientele revealed that 73 percent followed a journey encompassing multiple channels, whereas only 7 percent exclusively engaged in digital transactions. The fluidity across channels is on the rise, enabling retail brands to craft diverse shopping experiences and ultimately establish a competitive edge based on comprehensive customer insights. Marketers face the imperative of formulating an omnichannel strategy that resonates with core customers as they transition between retail channels and touchpoints. A prime starting point is the millennial demographic, which holds significant sway—comprising 75 million U.S. consumers with nearly $600 billion in purchasing power.

Contrary to expectations, millennials exhibit a preference for brick-and-mortar shopping over e-commerce, with 56 percent engaging in in-store shopping at least once a week. They actively participate in a genuine multichannel shopping experience, as evidenced by 67 percent conducting online research before making in-store purchases. Consider Ashley, a 25-year-old, as an example. While waiting for a friend, she pulls out her smartphone and opens the app for

her preferred cosmetics brand. Thanks to AI technology, Ashley is guided towards products tailored to her skin tone, aligned with her browsing history, and reflective of past in-store purchases. Later in the day, she conveniently stops by the brand's physical store on her way back from lunch to acquire the recommended products. This successful omnichannel strategy has long been implemented by top-tier retailers [19], [20].

3.2.1. Customer Intelligence

Identifying the millennial consumer poses a multifaceted challenge, as appealing to this demographic as a whole proves to be difficult. In the context of an omnichannel environment, brands face the ongoing difficulty of consistently and persistently recognizing the actual customer at various stages of their purchasing journey. This encompasses customers who remain unseen, such as in-store shoppers who abstain from loyalty programs or those who never log in. A prevalent issue is the shared identifiers among millennials, making it challenging to accurately identify users; for instance, a person logging into a site may not be the anticipated shopper, with 21 percent of 18- to 24-year-olds sharing streaming-video passwords with non-cohabiting individuals. Distinguishing between millennial customers and baby boomer parents can also be challenging, depending on the available data.

To effectively maintain foot traffic and engage millennial consumers, retailers must adapt to the ever-evolving paths to purchase, engaging with customers throughout their journey. To achieve this, retailers should scrutinize their customer base and collaborate with identity and customer-intelligence partners capable of enhancing the overall understanding through second and third-party data on an individual level. This approach involves gaining insights into customers' shopping preferences, interests, responsiveness, and media consumption habits. An illustrative example is the cosmetics brand's success in capturing Ashley's attention by directing her towards specific products.

3.2.2. Customer Experience

Research indicates that the level of personalization directly correlates with the engagement of millennial shoppers. The desire for tailored experiences is a driving force that resonates strongly with millennials. Proactively anticipating a range of omnichannel opportunities allows brands to exert greater influence over the overall outcome. For instance, leveraging address updates enables brands to promptly acknowledge a customer's relocation and extend a "welcome gift," such as a new home furnishings catalog with exclusive coupons for their preferred products at a nearby store branch. Alternatively, following an online browsing session with a personalized postcard or catalog aligned with the consumer's expressed interests enhances the overall customer experience.

To effectively attract foot traffic and connect with millennial consumers, retailers must adapt to the evolving paths to purchase, engaging with customers throughout their journey. It is crucial for retailers to closely examine their customer base and collaborate with identity and customer-intelligence partners to gain insights through second and third-party data, allowing them to understand individual preferences. This includes details on where customers shop, their interests, responses, and media consumption habits—similar to how the cosmetics brand captured Ashley's attention by directing her to specific products.

3.2.3. Customer Analytics

For a business to thrive and expand, it must effectively acquire, retain, satisfy, and engage its customers. Evaluating how well your business accomplishes these goals is crucial, and customer analytics plays a pivotal role in this assessment. While good customers make

purchases, exceptional customers consistently return and influence others to do the same. What sets them apart is often the relationship they cultivate with the retailer and its staff, whether in-store, over the phone, on mobile devices, or online. As businesses extend their reach into new sales channels, tracking and managing the customer experience has become increasingly challenging. However, contemporary analytics tools can bridge this gap by aggregating data from disparate sources, including siloed datasets and external information on demographics, psychographics, share of wallet, and more. This comprehensive approach provides a more thorough understanding of the customer experience from their perspective [21], [22].

3.3.Pop Up Stores

Pop-up stores, recognized as the latest manifestation of innovative solutions in marketing channels, serve to enhance the connection with end customers by delivering extraordinary experiences. A pop-up store denotes a physical retail space that operates for a limited period, ranging from one day to a year. It can be characterized as an experiential marketing format designed to captivate consumers and provide an exclusive and distinctive interaction with the brand and its representatives. The prevalence of pop-up stores has been a growing trend since 2012, often attracting attention through guerrilla marketing techniques like word-of-mouth to generate excitement. These temporary retail establishments have long been integrated into the retail industry as a preferred strategy for bridging the gap between e-commerce and a permanent physical presence. Presently, the temporary retail concept is pivotal to a burgeoning trend: incubator retail.

3.3.1. Advantages

Pop-ups are encompassing various facets of the retail and marketing landscape. Malls are adopting pop-ups as a strategy to fill vacant spaces and attract shoppers who seek the latest additions to the retail scene. Pop-ups are also demonstrating a readiness to temporarily inhabit unconventional retail locations. Currently, with vacancy rates on the mend and the economy stabilizing, pop-ups are firmly establishing themselves as regular contributors to the retail and marketing realm. Originating out of necessity and honed in the fiercely competitive retail market, pop-ups remain dynamic, yet have secured a lasting presence. Today's pop-up experience transcends mere annual revenue figures.

Much like a Silicon Valley start-up releasing a prototype or beta version to gather user feedback, numerous retailers view their pop-up stores as a means to experiment, learn, and refine innovative concepts. For some, it involves testing hypotheses or validating novel ideas, while for others, it's about exploring new markets, studying consumer behavior, and collecting valuable data to shape marketing strategies and business decisions. However, for the majority, the primary focus remains on building brand recognition, engaging both new and loyal customers, and generating social media and PR buzz.

3.3.1.1.Reviving Brands in the Digital Age

Pop-up stores provide unique functions that go beyond what digital solutions can achieve, offering an instinctive and tangible means to breathe life into a brand's identity. This trend presents a fresh avenue for creative expression, challenging brand innovation and heightening consumer experiences through elements of surprise, entertainment, and convenience. In addition, pop-up stores address the challenges posed by the evolving urban landscape. The phenomenon is currently undergoing a surge, witnessing diverse formats and participants, capturing the attention of both major brands and smaller artisans. While sectors like food and drink, fashion, and beauty dominate, the influence extends to all industries, encompassing pure players as well.

3.3.1.2.Post-Digital Commerce

The flourishing of pop-up stores injects vitality into traditional urban forms, drawing inspiration from "happenings," street art, and an activist counter-culture movement. It serves as a response to the dynamic nature of cities and the imperative for brands to come to life.

3.3.1.3.Online Brands and Remote-sale Retailers

Brands existing solely online lack a crucial component: the physical interaction between product and consumer. The internet restricts the ability to engage all five senses. Pop-up stores complement digital spaces, providing a tangible dimension to a brand. In an increasingly virtual world, these stores enable consumers to step physically into a brand's realm, unencumbered by the confines of a conventional shop. Moreover, digital elements within pop-up stores, such as terminals and mobile apps, bridge the gap between online platforms and in-store transactions, creating a seamless experience.

3.3.1.4.Young Designers, Start-ups, and Small Businesses

For lesser-known brands, pop-up stores offer a platform to garner attention at an event. When resources are limited for a permanent location, a pop-up shop becomes a viable option for testing sales within a limited timeframe. The physical presence of these emerging brands resonates with the public, rejuvenating the shopping experience, especially when consumers can interact with designers and delve deeper into their creative visions. Pop-up stores serve as a response to both consumer demand for novelty and the resource constraints faced by young entrepreneurs [23], [24].

3.3.1.5.Media Brands and Publishers

In the media landscape, publishers contend for limited retail space in news kiosks and magazine shops, intensifying competition. Pop-up stores play a crucial role in communication, allowing brands to carve out a distinct space for a journal or magazine. Publishers, as brands, extend their cultural influence beyond the editorial realm, connecting with their environments through products. These temporary stores also facilitate direct engagement with readers and subscription sales.

3.3.1.6.Mass-market Brands

The era of multi-brand environments is giving way to pop-up stores, providing brands with a platform to showcase their uniqueness and foster direct connections with consumers.

3.4.Opportunities For Micro Businesses & Start-Ups

3.4.1. Advantages of pop-up stores for merchants.

Benefits of adopting pop-up stores include reduced rental costs and fewer long-term commitments, the establishment of brand awareness and identity with increased exposure, opportunities for experiential retail, the ability to test-market products or services with key consumers, gathering valuable data not attainable through online channels, cultivation of customer relationships and reinforcement of customer loyalty, and the opportunity to observe consumers in their natural environments. The advantages of pop-up businesses for retailers are shown in Figure 1.

Reduced rental costs and fewer long-term commitments.

Establishment of brand awareness, identity, and increased exposure.

Creation of opportunities for experiential retail.

Ability to test-market products or services with key consumers.

Gathering valuable data not attainable through online channels.

Cultivation of customer relationships and reinforcement of customer loyalty.

Opportunity to observe consumers in their natural environments.

Figure 1: Illustrate the Benefits of Pop-Up Ventures for Retailers.

3.4.2. Advantages of Pop-Ups for Consumers

This approach generates consumer excitement through novel experiences, delivering delightful surprises aligned with preferences. It serves as an effective method for brand discovery and evaluation, offering free samples and valuable services. Tailored, entertaining experiences foster personal engagement, aiding consumers in making informed spending decisions. The advantages of pop-ups for users are shown in Figure 2.

Pop-Ups' Benefits for Customers	
	Infuses excitement through novel and unique experiences for consumers.
	Provides a delightful surprise element that appeals to consumer preferences.
	Serves as an effective means for consumers to discover and evaluate brands.
	Offers free samples and valuable consumer services.
	Presents entertaining experiences tailored to consumer preferences.
	Aids consumers in making informed and wise spending decisions.
	Fosters personal engagement with consumers.

Figure 2: Illustrate the Benefits of Pop-Ups for Users.

3.5. Online Versus Offline

Which route should startups embark on? E-commerce entrepreneurs, gradually venturing into offline operations, argue that while online is an excellent starting point, offline proves superior for establishing trust and value. Pernia Quereshi, the founder of Pernia's Pop-Up Shop, notes, "Around three years ago, we determined that we were more than just a marketplace; we were

a brand. A brand needs to be present where the consumer is, and today, 99 percent of consumers in our category prefer offline interactions. They inquire about our physical store even as we fulfill their online orders." Melissa Gonsalves, from the perspective of her storefront business, emphasizes, "For us, the primary goal was to instill trust in customers. Dealing with a complex design solution, we acknowledge that while startups typically commence online, experiencing products in a physical setting is crucial. Presently, 95 percent of our conversions stem from offline engagements." Despite online shopping constituting only $38 billion of India's $600 billion retail market, the country's 900 million individuals lacking internet access prompt internet-based startups to adopt a dual strategy. This strategy involves expanding both online and offline channels to ensure outreach to every potential customer's wallet.

3.6. *The Future Of Retail*

In today's digital era, innovative retail concepts such as pop-up stores, store-within-a-store setups, mobile stores, and other temporary or limited-inventory locations seamlessly blend the advantages of a digital shopping experience with the immersive nature of in-store visits. This fusion is achieved by creating compact spaces where customers can engage with products and the brand in a welcoming and open environment. Pop-up locations have evolved into experiential showrooms, often featuring minimal or no inventory, with digital infrastructure managing transactions and delivery. These interconnected spaces not only enhance the customer experience but also facilitate data collection on product interactions, strengthening the bond between customers and brands. The versatility of the pop-up format has led to its widespread adoption across various scenarios. As of March 2016, the pop-up industry in the United States has grown to a $50 billion market, according to the Pop Up Republic industry database.

4. CONCLUSION

In summary, the Indian Retail Industry stands as a vital contributor to the country's GDP and employment, marked by dynamic growth but high entry barriers. The industry is transforming, requiring a customer-centric approach for long-term success. Globally, the retail sector faces significant changes due to technological innovations, impacting the Indian market with the proliferation of modern retail spaces. Key retail trends highlighted include the shift to the digital realm, optimizing physical footprints, addressing oversupply challenges, adapting to polarization, overcoming inefficiencies, and embracing the sharing economy. A startup mentality is essential for retailers to remain relevant, catering to evolving consumer expectations of control, unified shopping experiences, and transparency. The discussion underscores the importance of an omnichannel approach, understanding millennial preferences through technology and analytics, and the strategic role of pop-up stores for experimentation and brand engagement. Opportunities for micro-businesses and startups are explored, emphasizing the advantages of pop-up ventures for both retailers and consumers. The ongoing online versus offline debate for startups suggests the need for a dual strategy. The study concludes by emphasizing the importance of innovation, adaptability, and a customer-centric focus for sustained success in the evolving retail landscape. The future of retail lies in a dynamic approach that seamlessly integrates digital and physical experiences.

REFERENCES:

[1]   S. Roy, "An Overview of Retail Industry in India: Its Growth, Challenges and Opportunities," *SSRN Electron. J.*, 2011, doi: 10.2139/ssrn.1750794.

[2]   M. R. Shah, "THE PARADIGM SHIFT IN THE FMCGS' RETAILING IN INDIA.," *Rev. Manag. Econ. Eng.*, vol. 10, no. 1, pp. 69–80, 2011, [Online]. Available: http://search.ebscohost.com/login.aspx?direct=true&db=bth&AN=59918418&site=bsi -live

[3]   Y. Malenkov, I. Kapustina, G. Kudryavtseva, V. V. Shishkin, and V. I. Shishkin, "Digitalization and Strategic Transformation of Retail Chain Stores: Trends, Impacts, Prospects," *J. Open Innov. Technol. Mark. Complex.*, vol. 7, no. 2, p. 108, Jun. 2021, doi: 10.3390/joitmc7020108.

[4]   A. A. Paskova, "Digital transformation of retail business: trends and technologies," *New Technol.*, vol. 16, no. 6, pp. 123–131, Feb. 2021, doi: 10.47370/2072-0920-2020-16-6-123-131.

[5]   A. Lagorio and R. Pinto, "Food and grocery retail logistics issues: A systematic literature review," *Res. Transp. Econ.*, vol. 87, p. 100841, Jun. 2021, doi: 10.1016/j.retrec.2020.100841.

[6]   R. Arifianti, R. Sukmadewi, M. A. Hakim, and D. Fordian, "Supply chain model in retail business: A systematic mapping study," *Uncertain Supply Chain Manag.*, vol. 10, no. 3, pp. 947–960, 2022, doi: 10.5267/j.uscm.2022.2.018.

[7]   S. Chandramana, "AI in Retail Industry: Reshaping Shopping Experience and Business Profitability," *Ushus J. Bus. Manag.*, vol. 21, no. 4, Apr. 2023, doi: 10.12725/ujbm/61.3.

[8]   A. E. Di Noia, G. M. Nicoletti, G. M. Cappelletti, and G. Ioppolo, "The surplus food donation for retail circular economy transition: the case of Coop Alleanza 3.0," *Br. Food J.*, vol. 125, no. 7, pp. 2424–2438, May 2023, doi: 10.1108/BFJ-10-2021-1140.

[9]   K. S. Nair, "Paradigm shifts in Indian retail - trends and prospects," *Int. J. Indian Cult. Bus. Manag.*, vol. 18, no. 4, p. 518, 2019, doi: 10.1504/IJICBM.2019.100310.

[10]   P. Chattopadhyay, "A Comprehensive Study on Organized Retailing with Reference to Customer Preferences and Customer Loyalty in Indian Context," *Int. J. Trend Sci. Res. Dev.*, vol. Volume-3, no. Issue-3, pp. 410–414, Apr. 2019, doi: 10.31142/ijtsrd22807.

[11]   G. Shetty, S. Nougarahiya, D. Mandloi, T. Sarsodia, and S. J. Dabade, "COVID-19 and Indian Commerce: An Analysis of Fast Moving Consumer Goods (FMCG), and Retail Industries of Tomorrow," *Int. J. Curr. Res. Rev.*, vol. 12, no. 17, pp. 23–31, 2020, doi: 10.31782/IJCRR.2020.121715.

[12]   S. Chandrachud and N. Rajagopal, "Emerging trends and changing pattern of Indian retail," *Int. J. Econ. Res.*, vol. 14, no. 10, pp. 1–6, 2017.

[13]   M. S. S. Ravi* and P. M. V. R. Prasad, "Challenges and Innovations in Fruits and Vegetable Operations in Indian Organized Retail Industry," *Int. J. Recent Technol. Eng.*, vol. 8, no. 6, pp. 2597–2603, Mar. 2020, doi: 10.35940/ijrte.F8579.038620.

[14]   A. Trujillo Lalla *et al.*, "Shopper Purchasing Trends at Small Stores on the Navajo Nation since the Passage of the Healthy Diné Nation Act Tax: A Multi-Year Cross-sectional Survey," *Curr. Dev. Nutr.*, vol. 6, no. 5, p. nzac040, May 2022, doi: 10.1093/cdn/nzac040.

[15]   Deloitte, "Finding the green in today's shoppers: Sustainability trends and new shopper insights," *Prep. by Deloitte GMA (The Assoc. Food, Beverage Consum. Prod. Companies)*, 2009.

[16] L. N. Kingston and J. Guellil, "TOMS and the Citizen-Consumer: Assessing the Impacts of Socially-Minded Consumption," *J. Hum. Rights Pract.*, vol. 8, no. 2, pp. 284–297, Jul. 2016, doi: 10.1093/jhuman/huw004.

[17] T. M. Jauhari, S. Kim, M. Kovacs, U. Serdült, and V. V Kryssanov, "Assessing Customer Needs Based On Online Reviews: A Topic Modeling Approach," *CEUR Workshop Proc.*, pp. 57–62, 2020.

[18] J. Pierre, F. Robertson, and O. Abatan, "The Impact of Using Social Media for Advertising Appliances on Consumer Behaviour," *J. Mark. HR*, vol. 5, no. 1, pp. 2455–2178, 2017, [Online]. Available: www.scitecresearch.com/journals/index.php/jmhr%0Awww.scitecresearch.com

[19] B. Alexander and M. Blazquez Cano, "Store of the future: Towards a (re)invention and (re)imagination of physical store space in an omnichannel context," *J. Retail. Consum. Serv.*, vol. 55, p. 101913, Jul. 2020, doi: 10.1016/j.jretconser.2019.101913.

[20] B. Alexander and A. Kent, "Change in technology-enabled omnichannel customer experiences in-store," *J. Retail. Consum. Serv.*, vol. 65, p. 102338, Mar. 2022, doi: 10.1016/j.jretconser.2020.102338.

[21] A. Mosquera, C. Olarte-Pascual, E. Juaneda Ayensa, and Y. Sierra Murillo, "The role of technology in an omnichannel physical store," *Spanish J. Mark. - ESIC*, vol. 22, no. 1, pp. 63–82, Apr. 2018, doi: 10.1108/SJME-03-2018-008.

[22] C. Kopot and B. J. Cude, "Channel Depth or Consistency? A Study on Establishing a Sustainable Omnichannel Strategy for Fashion Department Store Retailers," *Sustainability*, vol. 13, no. 13, p. 6993, Jun. 2021, doi: 10.3390/su13136993.

[23] D. J. Zhang, H. Dai, L. Dong, Q. Wu, L. Guo, and X. Liu, "The Value of Pop-Up Stores on Retailing Platforms: Evidence from a Field Experiment with Alibaba," *Manage. Sci.*, vol. 65, no. 11, pp. 5142–5151, Nov. 2019, doi: 10.1287/mnsc.2019.3410.

[24] L. Henkel and W. Toporowski, "Hurry up! The effect of pop-up stores' ephemerality on consumers' intention to visit," *J. Retail. Consum. Serv.*, vol. 58, p. 102278, Jan. 2021, doi: 10.1016/j.jretconser.2020.102278.

CHAPTER 4

LUXURY IN TRANSITION: BALANCING OPULENCE WITH SUSTAINABILITY IN MODERN LIVING

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ABSTRACT:

Current economic growth and innovation in lifestyle practices inadvertently contribute to the contamination and diminishing quality of these fundamental requirements. The research anticipates a future where basic survival necessities may transform into a luxury accessible to only a privileged few. The study underscores the evolving definition of luxury, particularly in the context of environmental sustainability. It advocates for conscious design choices to achieve spaces with clean air and minimal noise, emphasizing the responsible use of low-impact and low-carbon-producing materials. The excessive disposal of products and materials in contemporary society poses a threat to the environment, demanding a shift towards circular life and eco-friendly practices. Drawing on historical perspectives, the study examines the concept of luxury in ancient civilizations, highlighting how opulence manifested in various forms across cultures. The research traces the evolution of luxury from the Roman era to the Middle East, ancient Greece, Persia, India, and Egypt, emphasizing the enduring desire for opulence. The discussion section further elaborates on the challenges posed by climate change, depleting resources, wasteful practices, allergies, water scarcity, and population growth. The study emphasizes the role of interior designers in mitigating these challenges through sustainable design principles. Case studies, including the Amangiri Resort, illustrate examples of sustainable practices in the hospitality industry. The study advocates for a paradigm shift in the definition and pursuit of luxury, aligning it with sustainable practices to ensure the well-being of future generations and the preservation of the environment. The future implications of this study transformative journey for the concept of luxury, intertwining it with sustainability and responsible design. The study envisions a future where opulence is defined by ethical and environmental considerations, reshaping consumer preferences and industry practices.

KEYWORDS:

Consumer, Hospitality, Industry, Lifestyle, Luxury.

1. INTRODUCTION

The increasing temperature and rapid depletion of natural resources compel us to devise strategies for adapting our current lifestyle practices. Presently, opulent spaces incorporate user-driven experiences, utilizing the finest materials worldwide. Unfortunately, we often overlook the potential long-term environmental repercussions of our pursuit of comfort. Luxury has historically been defined by comfort, evolving, yet our fundamental human needs persist. Air, water, food, and shelter are indispensable for survival. Economic growth fosters innovation in lifestyle, but today, our essential needs are contaminated and diminishing in quality. Achieving a space with clean air and minimal noise now requires conscious design. We have neglected environmental sustainability and jeopardized resources crucial for our survival [1].

Looking ahead, basic survival necessities may become a luxury within a decade, accessible only to a small percentage of the population. In a technology-driven and exploited world, clean air, water, naturally grown food, sanitation, and a peaceful environment will redefine the

concept of a luxurious space. "Sustainability" is a comprehensive term guiding us to make conscientious decisions that minimize our impact on the environment. Protecting natural resources is vital for maintaining ecological balance. While today's sustainability emphasizes conserving existing resources, producing our resources will enhance sustainable practices. Responsible use of products and materials in interior spaces is crucial, emphasizing damage-free, low-impact, and low-carbon-producing materials [2].

In the current era, all products and materials are treated as disposable, but acknowledging the consequences of disposal is imperative for our survival. Much of our waste accumulates in landfills, posing a threat to our environment. Contemporary products lack a circular life, often containing non-decomposable materials like plastic and toxic colors, persisting in landfills for decades. The term "Luxury" has its roots in the Latin word "Luxury," denoting the indulgence of the senses without consideration of expense. Various users perceive luxury differently, yet researchers have identified common elements in its comprehension, such as aesthetics, premium quality, personal history, self-pleasure, and costliness [3], [4].

a. Luxury in the past

Looking back at the past, during the early Roman era, the government imposed restrictions on grandeur and extravagance, enacting laws to control expenditures on banquets and events. Despite their enjoyment of lavishness, the Romans advocated for limits on luxury. As the Roman Empire expanded and conquered foreign territories, their attitude toward luxury became more accepting of simpler indulgences. In the 15th century, the Middle East experienced a significant export of luxury goods, including spices. The Silk Road played a crucial role in exporting China's silk to distant lands, generating substantial revenue for the Chinese and being embraced by the global upper class. In ancient Greece, where meat was a rarity and cattle held great value, fish emerged as one of the earliest recorded luxuries, symbolizing ultimate wealth [5], [6]. The evolution of Greek society brought about a nuanced language of luxury, encompassing terms like effeminate luxury ('truth), sophisticated luxury ('habrosune'), and flash-cash luxury ('politeness). Figure 1 depicts the Fish, an uncommon luxury in ancient Greece.

Figure 1: Illustrate the Fish, a rare luxury in Ancient Greece.

The Baths of Caracalla, located in Rome, were renowned as the most opulent bathing complexes in ancient Rome. They boasted magnificent fountains, marble columns and floors, statues, mosaics, heated water amenities, bronze mirrors to capture sunlight, and even included a library for reading. A significant component of the Roman central heating system, the hypocaust, pioneered the first underfloor heating technology in human history. A furnace with a perpetually burning fire was strategically positioned under a corner of the room, facilitating the circulation of hot air beneath the floor. Refer to Figure 2 for an illustration of the Roman Baths.

Figure 2: Illustrate the Roman Baths.

The Persians, among the earliest civilizations to adopt multi-course meals, gained fame for their extravagant and materialistic tendencies. Their feasts, sometimes spanning days, featured opulent gold and silver plates, wine horns, vases, and bowls, either used during dining or sent as gifts to other rulers. The region's abundant gold and silver mines, combined with intricate craftsmanship, established a distinctive reputation for Iranian royalty. The Persian Silverware is seen in Figure 3.

Figure 3: Illustrate the Persian Silverware.

In ancient times, India earned the title of the golden sparrow, renowned for safeguarding valuable treasures like diamonds, sapphires, emeralds, and opals in rulers' chests. South India, in exchange, traded its precious beads, ivory, pearls, turmeric, cardamom, myrrh, fine cotton, and mallow cloth, with Romans offering wines, coral, copper, tin, lead, glass, antimony, and aromatic storax. Notably, pepper held a significant place in these exchanges. The Egyptian Tombs are seen in Figure 4.
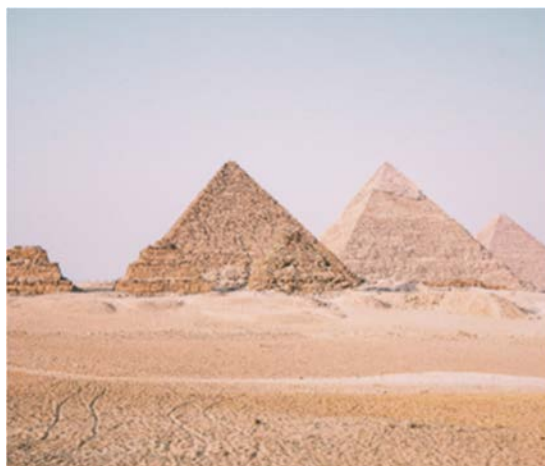
Figure 4: Illustrate the Egyptian Tombs.

While both the Western and Eastern worlds enjoyed luxuries, the Egyptians outdid them by extending opulence into the afterlife. They constructed intricate tombs, referred to as eternal homes, reflecting the divine rulers' elevated status. These tombs involved mummifying bodies with cloth and spices, storing organs in ornamental jars, and filling the resting place with wealth such as coins, jewelry, and ornaments for the journey to the next world. Life after death was a privilege reserved for the wealthy and royal, as ordinary citizens were typically buried underground. Wearing wigs was a symbol of status, wealth, and societal role, exclusive to the royal or noble families. Gold, silver, and the precious stone Lapis Lazuli held significant value in this context. Opulence has been a common element across civilizations, spanning various regions and epochs. While the definition of luxurious items has evolved, the absence of a longing for such opulence has consistently eluded consumers. Consequently, as time progresses, our preferences for luxury may shift, but the enduring desire for it will persist [7], [8].

This study explores the impact of increasing temperatures and resource depletion on lifestyle practices, emphasizing the need for adapting to sustainable practices. The study suggests that basic survival necessities may become a luxury in the future and discusses the historical perspectives of luxury in various civilizations. The literature review section explores the findings of prior research, exploring the literature from the previous study. This examination encompasses case studies, like the Amangiri Resort, to illustrate sustainable design practices within the hospitality industry. The study concludes with a final section presenting the outcomes and future implications of the research.

2. LITERATURE REVIEW

Kashif M. et al. [9] examined the evolution of consumer emotions within the realm of luxury fashion brands, with a specific focus on brand affection and brand aversion. This research delves into the intermediary function of brand jealousy in the connection between brand affection and brand aversion among consumers of luxury fashion. Furthermore, it investigates how the moderating influence of value expressiveness shapes the correlation between brand aversion and negative word of mouth (NWOM). Conducted through a cross-sectional survey involving 273 luxury fashion consumers in Pakistan, this study employs structural equation modeling (SEM) to assess the proposed hypotheses. The results substantiate all hypotheses, revealing that brand jealousy serves as a mediator between brand affection and brand aversion, while value expressiveness moderates the link between brand aversion and NWOM. From a practical standpoint, the study suggests that luxury fashion marketers should underscore the symbolic identity of their brands and highlight exclusivity for individual customers. Additionally, providing incentives to consumers could contribute to positive word of mouth regarding luxury fashion brands. The study's uniqueness lies in its exploration of emotional shifts among customers of luxury brands, particularly the mediating role of brand jealousy, and the distinct examination of the moderating role of value expressiveness in the transition from brand aversion to NWOM.

Rolling V. and Sadachar A. [10] examined the influence of luxury brand descriptions on millennials' views regarding luxury, sustainability, brand attitude, and purchase intention through the application of impression formation theory. Employing a between-subjects experimental design, two distinct groups participated in online experiments that showcased either a luxury-only or a sustainable-luxury brand description. Unexpectedly, the incorporation of recycled materials in the sustainable-luxury brand failed to modify the perception of luxury compared to the luxury-only brand. Both types of brands were identified as luxurious, and this perception significantly impacted attitudes toward the brand. Notably, a positive brand attitude was found to be positively correlated with purchase intention in both scenarios. This study

supports the idea that luxury brands can integrate sustainable practices, specifically by using recycled materials, without compromising perceived luxury. Thus, it suggests potential marketing strategies for positioning sustainable brands in the millennial market segment in the United States.

Nosova V. and Guleva V. [11] examined the payment habits of individuals engaged in luxury-related transactions, with a particular emphasis on categories linked to luxury that frequently display intricate payment trends and greater variability among specific individuals. Utilizing advanced data processing methods, the research identifies nuanced and uncommon purchasing patterns, especially those associated with acquiring luxury items. The study performs a statistical assessment of socio-demographic and financial traits within the luxury sample, emphasizing noteworthy purchase categories that set it apart from the overall dataset. In order to analyze shifts into the luxury purchasing segment, the study employs a Markov model, providing valuable insights into the purchasing behavior leading to luxury consumption.

Ghorbanzadeh D. [12] explored a research gap in the realm of consumer emotions toward brands, particularly delving into the shift from brand affection to brand dependency. Carried out with 390 luxury fashion consumers in Iran, the investigation utilized structural equation modeling to assess hypotheses. Findings revealed that brand jealousy acts as a mediator in the connection between brand affection and brand dependency. Moreover, the study suggests that within the context of love and jealousy, consumer-brand identification positively impacts consumer addiction to the brand. This research offers a distinctive contribution to comprehending emotional transitions among consumers of luxury brands, underscoring the significance of nurturing both brand affection and jealousy to foster increased brand dependency.

Saini A. et al. [13] examined within this study is the limited body of research on emotional transitions, particularly the transformation from affection to disdain among consumers. The investigation delves into whether value-expressiveness has the potential to dissuade consumers from disseminating negative word of mouth (NWOM), even when harboring a dislike for a brand.

Drawing upon survey data from 413 Indian luxury fashion consumers, this research employs structural equation modeling using AMOS 27.0. The findings reveal that brand jealousy acts as a mediator between brand love and brand hate. Furthermore, in instances of low value expressiveness, the connection between brand hate and negative word of mouth becomes more pronounced.

The study proposes that brand marketers concentrate on fortifying symbolic brand identity to sustain positive consumer-brand sentiments and take into account specific relationship dynamics to establish the brand image within a family-oriented, collectivist culture. Noteworthy contributions of this research in an Indian context encompass the mediation role of brand jealousy and the moderating effect on negative word of mouth.

Bhandari N. et al. [14] explored was the crucial significance of the fashion industry's shift towards Sustainable Sourcing (SS) in tackling social and environmental issues.

The study systematically pinpointed, validated, and prioritized 20 primary barriers hindering SS implementation within the global apparel and fashion-luxury sector. Employing a multi-phase methodology, which included a survey featuring 154 responses from global SS professionals, the research classified these barriers into six dimensions through Exploratory Factor Analysis (EFA). Through an Analytical Hierarchy Process (AHP) analysis, the study established a global ranking of the barriers, highlighting 'Management, Government Support,

and Infrastructure Barriers' as the most impactful. Additional dimensions encompassed 'Material Barriers', 'Finance Barriers', 'Supplier Barriers', 'Certificates and Customer Perceptions', and 'Sustainable Packaging and Human Resource Barriers'. Specific barriers such as 'Undersupply of Sustainable Raw Materials', 'Insufficient Commitment from Top Management', and 'Inadequate Awareness' emerged as the top three obstacles in the global ranking. The research contributes theoretically by providing insights into SS barriers, assisting stakeholders in devising dynamic strategies to overcome these challenges and effectively implement sustainable sourcing practices.

Jain S. and Mishra S. [15] examined the upward trajectory of the sharing economy within the fashion industry, with a specific focus on millennials. Unlike previous research that predominantly delved into sharing economy practices in the clothing sector in the US and Europe, this study explores the global extension of this phenomenon to emerging markets, particularly within the realm of luxury fashion. The primary goal is to assess how key factors like economic advantages, fashion engagement, self-gratification experiences, social presentation, perceived risks, and prior sustainable behaviors influence the consumption patterns of luxury fashion within the sharing economy among Indian millennials. Utilizing the Self-determination Theory (SDT) perspective, the study aims to comprehend the motivations propelling Indian millennials to participate in luxury fashion rental consumption. Data was gathered through probability sampling from Indian millennials with an interest in sharing luxury fashion brands. Confirmatory factor analysis, multi-group analysis, and path estimates were employed to scrutinize the hypothesized relationships. The research identifies "social projection value" as the most prominent predictor of the intention to partake in luxury fashion consumption through sharing. Furthermore, the study underscores the noteworthy impacts of perceived risk and the influence of past sustainable behavior on the luxury fashion rental consumption behavior of young consumers.

These previous studies collectively contribute to the understanding of various aspects of consumer behavior, emotional transitions, and sustainability considerations in the context of luxury fashion.

The current study explores the shifting dynamics of opulence, traditionally associated with excess and extravagance, and examines how this notion intersects with the imperative of sustainability. It emphasizes the need to strike a delicate balance between luxurious living standards and environmentally conscious practices.

3. DISCUSSION

a. *Luxury in the Present*

The original meaning of luxury, which persisted until very recently, was associated with extravagance and lavishness. Luxury was a manifestation of affluence, evolving into something deemed unnecessary, surplus an item one didn't necessarily need, but desired to possess. Luxuries were typically conceived as tangible objects, encompassing products, commodities, and specific environments such as furniture, perfumes, wines, spices, palaces, grand residences, and gardens. However, this precise definition of luxury, portraying it as an excess intended for consumption, fails to encapsulate its alternate significance: rarity. Luxuries are inherently scarce, as humanity cannot generate boundless surplus [16], [17]. The Supreme Luxury Brand is seen in Figure 5. The Marketing Brands are shown in Figure 6.

Figure 5: Illustrate the Luxury Brand – Supreme.

Figure 6: Illustrate the Marketing Brands.

Luxury can be understood in one sense as opulence—a social exhibition of wealth and influence derived from sheer indulgence. Conversely, another perspective views luxury as a scarcity, embodying exclusivity and elitism based on personal access. Today, these interpretations are in perpetual conflict, particularly evident in the realm of fashion, where luxury can denote both material value and intangible hype. For instance, with $1,00,000, one can acquire either a mass-produced yet exceptionally crafted Spanish leather handbag or a limited edition cotton Japanese t-shirt. Beneath the veneer of luxury lies the concept of labor. An item attains luxury status because considerable time and skill are invested in its creation, whether by the artisan, the designer, or even the marketing team. Luxurious items encapsulate substantial labor, and by valuing them, we are encouraged to appreciate the work of others and revel in our ability to instantly acquire that effort with the swipe of a credit card [18], [19].

b. *Perception versus Experience*

The meaning of luxury has transformed over time. Initially, luxury items were characterized by their lavishness and extravagance. In the present era, propelled by predictive technology and the rise of an on-demand economy, discerning consumers now demand more from brands. Brands have expanded their offerings to include in-store experiences, and natural landscapes have become an essential aspect of holiday luxury. Items adorned with labels like Louis Vuitton or Fendi are automatically deemed luxurious. Some brands strive to blend opulence and experiential qualities. For instance, in the case of Louis Vuitton, there is a deliberate effort to elevate the brand perception by either discontinuing certain items or destroying them instead of discounting them, thereby maintaining the brand's allure [20]. Figure 7 shows the London Louis Vuitton.

Figure 7: Illustrate the Louis Vuitton, London.

While brand value is substantial and may provide short-term gains, there is always an underlying belief that there is something distinctive about the product. This unique quality stems from a combination of craftsmanship, materials, and design, with the core focus on providing users with a meaningful experience. The substantial budget allocated to marketing further contributes to shaping the perception of the brand. Flagship stores go the extra mile in offering consumers a memorable experience during the purchasing process. Although high-quality branded products retain their luxurious status, a product of similar quality lacking the associated brand marketing and hype may not be considered a luxury item. For example, while a Louis Vuitton bag is renowned for its high-quality leather, a bag with equivalent quality but lacking the brand identity and associated experiences may not be perceived in the same light [21], [22]. The Nike Experience shop in Shanghai is seen in Figure 8.

Figure 8: Illustrate the Nike Experience store, in Shanghai.

Contrary to the belief that one needs significant financial resources to indulge in luxury, the concept of luxury is evolving. Individual experiences and perceptions of luxury are subjective, allowing many people to experience luxury simply by owning a smartphone. Some individuals take pride in discovering luxury goods and sharing exclusive tips with friends or followers, while others associate luxury with ensuring the products they consume are sustainable and ethical. The evolution of luxury has shifted from mere ownership to a focus on experience, encompassing elements such as convenience, choice, value, and the ability to share these experiences with others.

c. *Sustainability*

It is time to bring about a transformation in the realm of interior design. The discourse surrounding climate change permeates our daily lives, emphasizing the significant impact that buildings, including interior projects, have on the environment. We bear a moral responsibility to safeguard not only our survival but also to protect other species and ecosystems. The crux

of addressing these challenges lies in sustainability, the ability to meet present needs without compromising the well-being of future generations. Designers possess the potential to make a positive impact on the environment through thoughtful design choices.

d. Challenge

Issues such as climate change, depleting resources, loss of biodiversity, waste, allergies, and water scarcity have gained prominence, increasingly affecting our daily existence. These environmental challenges have escalated to a critical juncture, exacerbated by population growth that amplifies human impact and catastrophic events. The construction industry significantly contributes to environmental damage, presenting an opportunity for interior designers to play a pivotal role in mitigating these issues through the application of sustainable design principles. Below, we delve into the key environmental concerns and their implications.

i. Climate Change

1. The process initiates human activities, encompassing the combustion of fossil fuels, deforestation, excessive manufacturing, waste disposal in landfills, and vehicular emissions.

2. These activities result in the emission of surplus greenhouse gases, including carbon dioxide, methane, and other gases that accumulate in the atmosphere.

3. Consequently, a layer of greenhouse gases envelops the Earth, intensifying the natural greenhouse effect and retaining an excessive amount of heat within the atmosphere.

4. This warming of the Earth leads to alterations in the climate and elevated sea levels, impacting human communities and disrupting ecosystems.

ii. Depleting Resources and Biodiversity

The utilization of natural resources by humans, such as fossil fuels, forests, and minerals, is surpassing the rate at which they can be naturally replenished. This leads to an unsustainable scenario, especially considering that certain resources, like stone and fuel, require millennia for replacement. Consequently, the exhaustion of these vital resources jeopardizes their availability for future generations. The loss of forests and other wildlife habitats contributes to the decline in biodiversity and disrupts ecosystems, diminishing our connection to the natural world for human recreation and serenity.

iii. Wasteful Practices

Numerous production techniques we employ naturally produce waste, a problem that escalates with increased consumption. Landfills, already limited in space, are overwhelmed by non-biodegradable materials, especially plastics. This results in the breakdown of these materials into pollutants, including greenhouse gases, which are then released into the soil, water, and atmosphere, further contributing to space occupation.

iv. Allergies and Stress

The swift generation of new materials in our dynamic world necessitates concessions with chemical products. As a result, a significant portion of the materials utilized in finishes and furniture subject us to allergies, asthma, and Sick Building Syndrome. Studies suggest that indoor air pollutant levels are three times greater than those outdoors, underscoring the negative repercussions of these chemical exposures on our health.

v. *Water Scarcity*

Clean water remains inaccessible in most rural areas of India, with climate changes causing unpredictable droughts and floods. The surge in our daily consumption habits has further exacerbated water scarcity, reducing its availability. Over 40% of the global population faces water stress.

vi. *Population Growth*

Advancements in medical care and improved quality of life have extended human lifespans, resulting in population growth. India now holds the world's second-largest population, comprising 17.7% of the global total. Increased human numbers contribute to heightened human activity, intensifying environmental challenges.

vii. *Construction Industry*

Buildings contribute to 30% of worldwide greenhouse gas emissions, serving as the primary source of carbon dioxide emissions in developed regions. Nearly half of global emissions result from energy use within buildings, while embodied energy in construction from material extraction to processing also plays a significant role. Additionally, greenhouse gas emissions are linked to the transportation of materials to and from construction sites [23], [24].

e. *Case Studies*

i. *Amangiri Resort*

Figure 9: Illustrate the Amangiri Resort.

1. Industry type: Hospitality

2. Architects: Rick Joy, Marwan Al-Sayed, and Wendell Burnette

3. Location: Utah, United States of America

4. Area: 25,000 sq. ft

5. Project Year: 2009

6. Features: 34 rooms, wellness spa, landscape, terraces, swimming pool, outdoor areas, fitness center, and a central pavilion that contains a library, art gallery, and private/public dining areas

7. Company: Aman Resorts,1988

Figure 9 gives an example of an Amangiri Resort. Nestled within the rugged and windswept terrain of Utah, Amangiri Hotel stands as an oasis of contemporary luxury. This stylish sandstone retreat, situated in the heart of Navajo country, defies expectations by offering a remarkable spa, a superb restaurant, and the fulfillment of every conceivable desire. Figure 10 shows a view of the Amangiri Resort.

Figure 10: Illustrate the view of Amangiri Resort.

4. CONCLUSION

The study, "Luxury in Transition: Balancing Opulence with Sustainability in Modern Living," delves into the evolving definition of luxury, especially concerning environmental sustainability. The research anticipates a future where basic survival necessities might become a luxury accessible to only a privileged few. It highlights the need for conscious design choices to create spaces with clean air and minimal noise, emphasizing the responsible use of low-impact and low-carbon-producing materials. By exploring historical perspectives on luxury in various civilizations, the study emphasizes the enduring desire for opulence and traces the evolution of luxury from ancient Rome to the Middle East, ancient Greece, Persia, India, and Egypt. The discussion section addresses contemporary challenges such as climate change, resource depletion, wasteful practices, allergies, water scarcity, and population growth. The role of interior designers is underscored as crucial in mitigating these challenges through sustainable design principles. Case studies, including the Amangiri Resort, exemplify sustainable practices in the hospitality industry. The study advocates for a paradigm shift in the pursuit of luxury, aligning it with sustainable practices to ensure the well-being of future generations and the preservation of the environment. In conclusion, the study envisions a future where opulence is defined not only by material wealth but also by ethical and environmental considerations. It anticipates a transformative journey for the concept of luxury, reshaping consumer preferences and industry practices toward sustainability. As we navigate the challenges of the present, this study calls for a holistic approach to luxury that prioritizes both the indulgence of the senses and the preservation of our planet.

REFERENCES:

[1]   J. Lagier and S. Ranfagni, "LUXURY BRAND IDENTITY AND HERITAGE IN TRANSITION IN LUXURY CAPITALS: THE CASE OF CHRISTIAN DIOR," *Glob. Fash. Manag. Conf.*, vol. 2018, pp. 1512–1516, Jul. 2018, doi: 10.15444/GMC2018.13.01.02.

[2]   Y. Chu and A. Uk, "A review of studies on luxury hotels over the past two decades CORE View metadata, citation and similar papers at core," *Iowa State Univ.*, 2014, [Online]. Available: https://lib.dr.iastate.edu/etd/13913

[3]   L. Qian and C. Zhang, "Complementary or Congruent? The Effect of Hosting Tesla Charging Stations on Hotels' Revenue," *J. Travel Res.*, vol. 62, no. 3, pp. 663–684, Mar. 2023, doi: 10.1177/00472875221093017.

[4]   Y. Park, H. H. Joo, and J. Moon, "LUXURY VERSUS NECESSITY PROTEIN: TRANSITION TO SUSTAINABLE AND HEALTHY PROTEIN CONSUMPTION," *Glob. Fash. Manag. Conf.*, pp. 104–109, Nov. 2021, doi: 10.15444/GFMC2021.02.03.03.

[5]   A. Hemonnet-Goujot, A. Kessous, and F. Magnoni, "The effect of sustainable product innovation on the consumer–luxury brand relationship: The role of past identity salience," *J. Bus. Res.*, vol. 139, pp. 1513–1524, Feb. 2022, doi: 10.1016/j.jbusres.2021.10.070.

[6]   W. Batat, "The pursuit of luxury or luxuries? A framework of the past, present, and future of luxury research," *Consum. Mark. Cult.*, vol. 26, no. 2, pp. 103–116, Mar. 2023, doi: 10.1080/10253866.2023.2185233.

[7]   S. M. C. Loureiro and C. M. B. de Araújo, "Luxury values and experience as drivers for consumers to recommend and pay more," *J. Retail. Consum. Serv.*, vol. 21, no. 3, pp. 394–400, May 2014, doi: 10.1016/j.jretconser.2013.11.007.

[8]   J. K. Eastman and R. Iyer, "Measuring the bandwagon effect: Development of a generalized bandwagon luxury motivation scale," *J. Consum. Behav.*, vol. 22, no. 4, pp. 801–817, Jul. 2023, doi: 10.1002/cb.2161.

[9]   M. Kashif, T. Korkmaz Devrani, A. Rehman, and S. Samad, "Love is not blind: investigating a love-hate transition among luxury fashion brand consumers," *J. Fash. Mark. Manag.*, vol. 25, no. 4, pp. 625–643, 2021, doi: 10.1108/JFMM-04-2020-0058.

[10]   V. Rolling and A. Sadachar, "Are sustainable luxury goods a paradox for millennials?," *Soc. Responsib. J.*, vol. 14, no. 4, pp. 802–815, Oct. 2018, doi: 10.1108/SRJ-07-2017-0120.

[11]   V. Nosova and V. Guleva, "Purchasing Patterns in Luxury Consumption: Transitional Transaction Categories," *Procedia Comput. Sci.*, vol. 193, pp. 351–360, 2021, doi: 10.1016/j.procs.2021.10.036.

[12]   D. Ghorbanzadeh, "The role of brand love and brand jealousy in the formation of brand addiction," *Curr. Psychol.*, Mar. 2023, doi: 10.1007/s12144-023-04508-1.

[13] A. Saini, M. Kashif, and S. Platania, "Temporary love: A love-hate transition among luxury fashion consumers in a mediation of brand jealousy and moderation of value-expressiveness," *J. Glob. Sch. Mark. Sci.*, vol. 33, no. 4, pp. 513–535, Oct. 2023, doi: 10.1080/21639159.2023.2209104.

[14] N. Bhandari, J. A. Garza-Reyes, L. Rocha-Lona, A. Kumar, F. Naz, and R. Joshi, "Barriers to sustainable sourcing in the apparel and fashion luxury industry," *Sustain. Prod. Consum.*, vol. 31, pp. 220–235, May 2022, doi: 10.1016/j.spc.2022.02.007.

[15] S. Jain and S. Mishra, "Luxury fashion consumption in sharing economy: A study of Indian millennials," *J. Glob. Fash. Mark.*, vol. 11, no. 2, pp. 171–189, Apr. 2020, doi: 10.1080/20932685.2019.1709097.

[16] R. Husain, T. A. Samad, and Y. Qamar, "Past, present and future of luxury brands: a review and bibliometric analysis," *J. Fash. Mark. Manag. An Int. J.*, vol. 26, no. 4, pp. 582–602, Jul. 2022, doi: 10.1108/JFMM-02-2021-0046.

[17] J. A. Kemper, X. Bai, F. Zhao, T. M. Chiew, F. Septianto, and Y. Seo, "Sharing luxury possessions in the age of digital experience economy: Consumption type and psychological entitlement," *J. Bus. Res.*, vol. 142, pp. 875–885, Mar. 2022, doi: 10.1016/j.jbusres.2022.01.005.

[18] J. Kaur, R. Parida, S. Ghosh, and R. Lavuri, "Impact of materialism on purchase intention of sustainable luxury goods: An empirical study in India," *Soc. Bus. Rev.*, vol. 17, no. 1, pp. 22–44, Jan. 2022, doi: 10.1108/SBR-10-2020-0130.

[19] K. Nallaperuma, F. Septianto, and A. Bandyopadhyay, "Mixed emotional appeal enhances advertising effectiveness of pro-environmental luxury brands: the mediating role of cognitive flexibility," *Asia Pacific J. Mark. Logist.*, vol. 34, no. 1, pp. 175–189, Jan. 2022, doi: 10.1108/APJML-10-2020-0719.

[20] R. Castaño and M. Eugenia Perez, "A matter of love: consumers' relationships with original brands and their counterfeits," *J. Consum. Mark.*, vol. 31, no. 6/7, pp. 475–482, Nov. 2014, doi: 10.1108/JCM-05-2014-0970.

[21] "Luxury World: The Past, Present and Future of Luxury Brands," *J. Prod. Brand Manag.*, vol. 20, no. 5, pp. 429–430, 2011, doi: 10.1108/10610421111157964.

[22] Pamela N Danziger, "Luxury Turns From Conspicuous To Conscientious In 2021: Challenges And Opportunities Ahead," Forbes. [Online]. Available: https://www.forbes.com/sites/pamdanziger/2021/01/10/luxury-turns-from-conspicuous-to-conscientious-in-2021-challenges-and-opportunities-ahead/?sh=668548ec5a9b

[23] Y. Oc, K. Plangger, S. Sands, C. L. Campbell, and L. Pitt, "Luxury is what you say: Analyzing electronic word□of□mouth marketing of luxury products using artificial intelligence and machine learning," *Psychol. Mark.*, vol. 40, no. 9, pp. 1704–1719, Sep. 2023, doi: 10.1002/mar.21831.

[24] L. Wu, W. Yang, Y. (Lisa) Gao, and S. (David) Ma, "Feeling Luxe: A Topic Modeling × Emotion Detection Analysis of Luxury Hotel Experiences," *J. Hosp. Tour. Res.*, vol. 47, no. 8, pp. 1425–1452, Nov. 2023, doi: 10.1177/10963480221103222.

CHAPTER 5

UNDERSTANDING THE ECONOMIC, CULTURAL, AND SOCIAL MILIEU OF THE URBAN MIDDLE CLASS IN PURSUIT OF EXPLORING THE PROSPECT OF AFFORDABLE HOUSING IN MUMBAI

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ABSTRACT:

The complex characteristics of Mumbai's urban middle class, aim to understand the complex interactions between social, cultural, and economic elements that influence their housing goals. One important demographic group that always struggles to find cheap accommodation in Mumbai's dynamic and heavily crowded environment is the urban middle class. The goal of this research is to dissect the complex web of the middle-class experience by looking at how social dynamics, cultural norms, and financial limitations interact to affect middle-class people's search for urban dwellings. The urban middle class is defined by a combination of economic criteria, such as cost of living, job stability, and income levels. It is critical to comprehend how these economic factors affect housing affordability to develop measures that work. Mumbai's varied social fabric and its subtle cultural aspects greatly influence people's expectations and choices for housing. Analyzing cultural influences may shed light on the kinds of homes, communities, and facilities that appeal to middle-class consumers. In addition, the social factors that pertain to this particular demographic such as neighborhood relationships, family arrangements, and cultural norms all add to the complexity of housing selections. The goal of this study is to shed light on the opportunities and difficulties associated with providing affordable housing for Mumbai's urban middle class by navigating the complex webs of cultural, economic, and social variables.

KEYWORDS:

Affordable, Cultural, Social, Economic, Housing, Urban Middle Class.

1. INTRODUCTION

The promise of cheap housing embodies the goals and difficulties of providing adequate, accessible housing for a wide range of people. It sits at the crossroads of several social, economic, and urban development issues. The increasing demand for housing, especially in urban areas, is causing communities to struggle, and one of the main obstacles to achieving fair and sustainable urbanization is finding affordable housing [1], [2]. In its most basic form, affordable housing represents the goal of providing safe, secure, and fairly priced houses to people and families from all socioeconomic backgrounds. It goes beyond just giving people a place to live; it is entwined with more general goals of social inclusion, stability in the economy, and community resilience. However, achieving affordable housing is a hard task that is interwoven with a web of intricate legislative frameworks, cultural expectations, and economic factors.

At the core of the issue is the economic puzzle around the affordability of homes. Rising real estate prices and, in many cases, stagnating income have led to an increasing disparity between housing expenses and the ability of a large segment of the population to afford them. In addition to making already-existing disparities worse, this dissonance prevents social mobility since it

makes homeownership more and more unattainable for a growing number of people. In the housing market, governments and policymakers struggle to strike a balance between supply and demand. Urban land scarcity, along with legislative limitations and the complex interplay of market forces, presents a significant issue [3], [4]. To provide cheap housing, creative solutions that go beyond conventional methods are required. These solutions include smart urban planning, effective land use, and the incorporation of sustainable construction principles.

Moreover, much thought is given to the idea of affordability itself. Affordable housing isn't just about how much a house costs upfront; it also includes continuing costs for things like utilities, transportation, and general quality of life. Energy-efficient and sustainable housing options become essential parts of the affordable housing puzzle because of their potential to lower long-term costs for occupants as well as their positive effects on the environment. Governments, community groups, and public-private partnerships often support social housing programs, which are crucial in changing the affordable housing environment [5], [6]. These programs recognize the need for interventions that put the well-being of disadvantaged and vulnerable groups first and seek to provide subsidized or income-linked housing solutions. Therefore, the possibility of inexpensive housing becomes inextricably linked to more general conversations about social justice, equality, and the right to decent living circumstances.

Inclusion and community involvement are essential components of the conversation around affordable housing. Housing solutions that are tailored to the specific requirements and cultural settings of various populations are guaranteed when communities are allowed to actively engage in the planning and decision-making processes. This strategy helps to build thriving, resilient, and socially integrated communities in addition to encouraging a feeling of ownership. The promise of cheap housing and the state of technology collide here, with the former promising cutting-edge instruments and techniques that may transform building procedures while cutting expenses and improving productivity. These developments, which range from modular building techniques to 3D printing technology, have the potential to speed up the supply of housing solutions without sacrificing quality [7], [8]. Nevertheless, before using such technologies, one must carefully assess their compatibility with local settings, environmental effects, and scalability. As the world's population continues to rapidly urbanize, the housing market in cities becomes more important in solving issues related to affordability. Urban settings that are dynamic, accessible, and economically diverse may be created via the implementation of techniques such as transit-oriented development, mixed-income housing developments, and the regeneration of underused urban places. Therefore, the promise of inexpensive housing goes beyond the simple supply of dwellings; it anticipates the development of comprehensive, long-lasting urban ecosystems. To achieve the aims of affordable housing, the interaction of the public and private sectors becomes vital.

A more inclusive housing market may be sparked by providing private developers with incentives to work on affordable housing developments, such as tax breaks, reduced regulations, or public-private partnerships. However, careful monitoring and strong regulatory frameworks are required due to the delicate balance that must be struck between business objectives and social responsibilities. Looking at the possibility of inexpensive housing from a global viewpoint offers a variety of answers as well as shared obstacles [9], [10]. The strategies used by various countries and regions are influenced by historical circumstances, economic systems, and cultural quirks. Some nations favor market-driven solutions, while others give priority to social housing schemes. In the collaborative endeavor to tackle the worldwide housing affordability predicament, the sharing of optimal methodologies and insights gained assumes significant value. Figure 1 shows the Prospect of Affordable Housing.
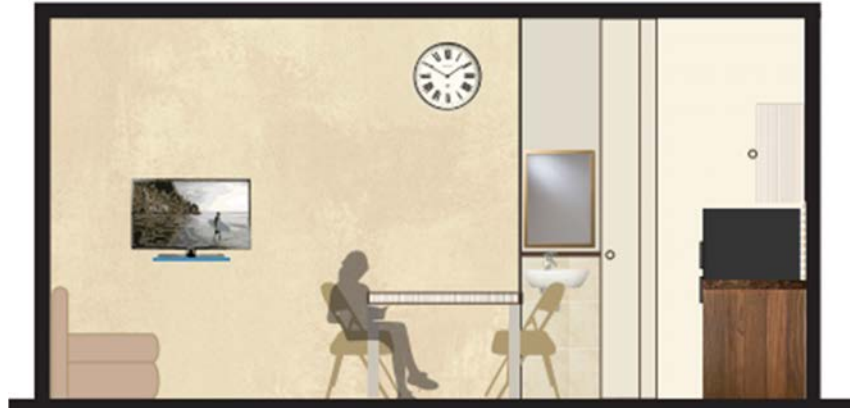
Figure 1: Represents the Prospect of Affordable Housing.

2. LITERATURE REVIEW

Patel R and Padhya H [11] explained the prospects and challenges of affordable and sustainable housing which is the goal of sustainable and affordable housing is to meet the housing requirements of a large number of people by improving social circumstances and reducing the environmental effect of the life cycle. This research looks at the potential and difficulties involved in creating such a system. The goal of the study is to pinpoint a range of constructed forms for reasonably priced and ecologically friendly homes. Housing is one of the most basic requirements of humanity. We must all own our own homes. These days, sustainability has taken center stage in discussions about improving low-income families' quality of life as well as building more homes to accommodate the growing population. The issue of affordable and sustainable housing affects many nations worldwide. supplying key concepts to realize the inexpensive and sustainable housing concept.

Schwartz A [12] described the financial crisis and low-income housing subsidies which is Both in the US and the UK, subsidized rental housing has been impacted by the mortgage crisis and the ensuing recession. These two countries take quite different tacks when it comes to meeting the housing requirements of low-income families. In the US, the Low-Income Housing Tax Credit is the main component of the affordable housing system, while non-profit housing associations play a crucial role in the creation and administration of cheap rental homes in the UK. Nonetheless, the crisis threw doubt on the long-term viability of both nations' subsidy programs and undermined some crucial components of them.

Nkubito F and Baiden-Amissah A [13] explained affordable housing and regulatory planning in Kigali city: possibilities, issues, and policies which is Encouraging a society's social needs are typically attributed to the provision of adequate housing for everyone. Previous research has shown a connection between tighter zoning regulations and rising housing prices, which further pushes socioeconomic classes out of cities. These connections, nevertheless, have not received enough attention in Africa. Since zoning is the foundation of Rwanda's present planning system, this study attempts to investigate the relationship between zoning policy and affordable housing in a developing urban environment such as Kigali City. To evaluate the impact of the strictness of master plans and zoning regulations on housing costs and the ease of access to housing, especially for low-income families, the research combined a systematic evaluation of papers, policy papers, discourse, and cost analysis. This study discovers a substantial shortage of reasonably priced housing, a negligible effect of zoning laws on the cost of building homes, and a clear policy decision to solve the housing crisis despite implementation challenges. Thus, this research recommends loosening zoning laws for certain

income levels, redefining affordability in light of the local environment, and creating housing affordability indices to guide policymakers' urban housing initiatives.

Gopalan K and Venkataraman M [14] explained India's Policies And Practices On Affordable Housing which is The issue of affordable housing is one that many nations are assessing globally. among India, the issue is even more severe, with an approximate 18 million home shortfall, 99 percent of which is found among the economically disadvantaged segments of the population. This essay defines affordable housing in India and around the world, discusses the problems with these definitions, identifies the organizations and government bodies in charge of creating and carrying out state policies related to affordable housing, outlines the opportunities and difficulties associated with affordable housing, and concludes with a discussion of the lessons to be learned from experience in other countries in this field.

Alhajri M [15] explained home issues and initiatives to improve the availability of affordable homes which is Any community's prosperity is boosted by the availability of affordable housing. In line with Vision 2030, this research evaluates housing issues and strategies that help the Kingdom of Saudi Arabia (KSA) build affordable homes. Experts in housing were surveyed, and Chi-Square and the RII, or Relative Importance Index, were used to evaluate the answers.

Sunday Festus D et al. [16] described solutions for low-income earners' housing challenges: sustainable affordable housing which is Numerous research has shown that the number of people experiencing house displacement is increasing. Nigeria and other developing countries on the African continent are not exempt from this trend. In a similar vein, it has been said that those with low incomes are most affected by this worldwide threat. Over 90% of Nigerians are low-income earners, and it has been stated that they live in shanty houses, squatter communities, and informal settlements. Therefore, this research introduced sustainable affordable housing options as a novel idea that might solve Nigeria's housing crisis for low-income earners. The study's conclusions were derived by a methodical evaluation of the literature. According to the study's findings, the social, economic, environmental, institutional, and technical aspects of sustainable affordable housing are the greatest places to look for solutions to Nigeria's low-income workers' housing problems. The report urges policymakers, the government, stakeholders, and private developers to implement low-income housing policies that are sustainable.

Moghayedi A. et al. [17] explained using cutting-edge technology to increase the sustainability of affordable homes which is A significant obstacle to the creation of inexpensive and sustainable housing is the rapid urbanization of the world. There is an opportunity for innovation in response to the issue that expanding urbanization poses. The development of sustainable, inventive, and reasonably priced housing may be possible with the use of new materials, construction technologies, and sustainable design approaches (SIAH). Following local construction laws and regulations, this research explores several sustainable design strategies, materials, and technologies appropriate for developing SIAH in the South African environment. Using the EDGE Buildings App, the research compares the energy embodied, energy demand, and water use of SIAH-Livable with traditional low-cost housing to determine building performance. The findings confirm that the energy and water consumption of SIAH-livable buildings is much lower, with reductions of 55.17% and 21.06%, respectively. Furthermore, SIAH-Livable displays a noTable 66.9% decrease in embodied energy levels while staying within the low-cost house building cost range established by the South African government. Additionally, the research verifies that new materials, technology, and suitable design strategies not only increase the house's sustainability but also make it more affordable by lowering lifespan costs.

Riggs W et al. [18] explained Growing numbers of big cities are experiencing a shortage of reasonably priced housing and are unable to keep up with the rate of urban expansion. Lot size, legal obstacles, and environmental issues are a few restrictions. We concentrate on these obstacles, giving an overview of these changes in the US before presenting examples of how these possibilities may be used to supply-side address housing market needs, with an emphasis on prefab technology for the micro-unit typology.

Bradley R [19] described South Africa's accessible housing as at risk from global warming which is Longer and more extreme heatwaves are predicted as a result of global warming, which will have detrimental effects on the environment and society everywhere. By the middle of the century, surface temperatures in South Africa are expected to rise significantly by as much as 3 °C. The need for cooling in buildings may increase significantly as a result of this warming trend, which has an impact on design. However, the use of air conditioners to reduce indoor overheating may be restricted in poorer nations due to socioeconomic considerations. Low-cost housing given by the government in South Africa is thermally ineffective with temperatures sometimes rising beyond outdoor levels. To deal with the heat, locals often depend on ventilation from the outdoors and self-action. However, if energy poverty and housing renovation are not addressed, the consequences of climate change may make these initiatives ineffective.

Batterham D et al. [20] explained the Australian homeless population's spatial dynamics At the national level, homelessness in Australia has been mostly steady, although its geographical distribution is changing. This study examines the geographical dynamics of homelessness in Australia during fifteen years, using estimates of homelessness generated by the Australian Bureau of Statistics. Building on previous research, we demonstrate how the increase in extreme crowding in our major cities is the primary cause of the urbanization of homelessness, with evidence of geographic convergence. Examining intra-city patterns, however, reveals unique intra-city spatial dynamics with significant "couch surfing" suburbanization in state capital cities, in contrast to movements in severely congested numbers into the center and inner parts of the majority of state capitals.

3. DISCUSSION

The increase in property values has a ripple effect on real estate, the economy, and people's everyday life. It forms the structure of housing markets and affects larger socioeconomic environments. This surge is the result of a complex interaction between social trends, economic policies, and market forces. It is often marked by sharp and prolonged rises in property prices. Examining this upswing's underlying roots, effects, and possible solutions offers a thorough grasp of its complex implications. The basis of the recent increase in real estate prices is the basic economic concept of supply and demand. In urban regions in particular, the demand for housing is rising due to factors including population expansion, rapid urbanization, and demographic changes. Urban centers grow more and more desirable as centers of employment and economic activity, which increases competition for scarce housing resources. Since there is a limited number of available properties, buyers compete, which lays the groundwork for property prices to rise.

Property values are significantly impacted by legislative and regulatory frameworks as well as government initiatives. Urban landscapes are shaped in part by zoning laws, construction standards, and land-use policies. But if these regulations are too onerous or don't adjust to changing circumstances, they may unintentionally exacerbate the housing shortage and raise costs. Central banks also determine interest rates, which affect borrowing costs, mortgage affordability, and ultimately, demand for real estate. The availability of mortgages and lending

procedures define the financial environment, which has a major role in the rise in real estate values. Simple finance availability may increase demand and encourage more people to buy a home. But if there isn't a corresponding rise in the supply of homes to match the rising demand, prices may rise. Mortgage-backed securities and other financial innovations have the power to alter market dynamics, as shown by the events that followed the global financial crisis of 2008.

Property price spikes are a phenomenon that transcends national boundaries and is increasingly impacted by external causes. Housing markets may see an increase in demand from foreign investment due to factors such as currency values, political stability, and economic circumstances. Although this might boost economic development, it may also make locals' affordability issues worse, especially in regions where foreign investors tend to focus their purchases. The ramifications of the recent increase in property values go beyond the domain of real estate deals. Particularly for people with moderate salaries and first-time homeowners, affordability becomes a critical worry. For many people, owning a house becomes unattainable when property prices rise faster than income growth. The wealth disparity grows when the net worth of those who already own property rises significantly while entrance restrictions confront those who do not.

The rental market has unique difficulties since it is closely related to the price of real estate. Landlords may try to recover their costs by raising rental rates as property prices rise. Tenants are therefore subjected to an extra financial burden, which exacerbates the problem of housing affordability as a whole. Renters may find themselves in a loop where the high cost of renting makes owning more difficult to achieve, especially in competitive metropolitan markets. The general economy is also significantly impacted by the rise in real estate prices. For many families, real estate represents a significant portion of wealth, and changes in property prices may affect consumer confidence and purchasing habits. The banking and financial industries, which have a close relationship with real estate due to mortgages and lending policies, are vulnerable to the effects of changes in the property market. These industries' susceptibility to vulnerability may have systemic effects, as the global financial crisis demonstrated. Following a spike in real estate prices, the social fabric changes. Increased property prices have led to gentrification, which has changed the social and cultural makeup of areas. The rising cost of living may force established populations to relocate, changing the demographic makeup of metropolitan regions. As the socioeconomic environment changes, there may be a disruption in the feeling of community cohesiveness and belonging.

 Reducing the difficulties caused by the spike in real estate costs necessitates a multifaceted strategy that takes supply and demand into account. Scarcity may be lessened by increasing the supply of housing via strategic urban planning, loosened zoning laws, and developer incentives. To promote diversity, new housing complexes must, however, also take steps to guarantee that they accommodate a variety of income levels. A key factor in promoting housing affordability is government involvement, such as rent restrictions, targeted subsidies, or affordable housing initiatives. To protect the interests of residents who are facing housing difficulties and promote economic development via a healthy housing market, policymakers must carefully balance these competing objectives. Resilient and equitable urban environments are facilitated by comprehensive urban planning, which involves the creation of mixed-use communities and sustainable infrastructure. Given the interconnectedness of the property markets, international collaboration is becoming more and more important. In addition to exchanging best practices in housing policy, cooperative measures to oversee and control cross-border investments may help stabilize real estate prices more broadly. Furthermore, encouraging ethical lending practices and financial literacy contributes to the sustainability and shock resilience of the real estate industry.

3.1 Government Intervention for Affordable Housing in Mumbai:

In Mumbai, one of the most populous and dynamic cities in the world, the government's involvement in affordable housing is a key reaction to the growing issues of urbanization, population expansion, and the growing gap between housing supply and demand. Mumbai, which is often referred to be India's financial hub, is suffering from a severe lack of affordable housing, which is exacerbating socioeconomic gaps, slum expansion, and the burden on urban infrastructure. Government efforts, which aim to satisfy the many demands of the city's citizens, are crucial in determining the trajectory of affordable housing in this complicated urban setting. The government's multimodal strategy of legislative frameworks, financial incentives, and strategic alliances characterizes its engagement in Mumbai's affordable housing market. Legislators understand that the lack of available land, red tape, and skyrocketing building costs are the main contributors to the housing problem. The government has started implementing policy changes to ease land acquisition regulations, expedite the approval procedures for affordable housing projects, and promote the conversion of vacant spaces into residential areas to address these issues head-on.

A key component of government action is the provision of financial incentives to developers and prospective homeowners alike. Tax rebates, subsidies, and lowered mortgage rates are examples of incentive packages for developers working on affordable housing developments. The aforementioned incentives serve as stimulants for private developers to allocate resources towards lower-income housing developments, therefore narrowing the affordability divide and expanding the city's housing stock. In addition, potential homeowners get financial assistance, which raises the bar for achieving the objective of homeownership. To promote inclusion and accessibility, the government has implemented programs designed especially for low-income groups (LIG) and economically disadvantaged sections (EWS). The Pradhan Mantri Awas Yojana (PMAY) is one such flagship program that attempts to provide urban impoverished families access to affordable homes. The government enables qualified participants in this program to get financial support and subsidies, enabling them to fulfill their ambition of becoming homeowners. The goal of the PMAY-Urban component is to provide cheap housing, giving the most marginalized members of society access to safe and livable environments.

An essential component of government participation in Mumbai's affordable housing market is the use of public-private partnerships or PPPs. Aware of the constraints on public funding, the government works with private developers to provide scalable and sustainable housing options. These collaborations support the social and economic goals of the government while using the knowledge and effectiveness of the private sector. Partnerships and joint ventures make it easier to create large-scale affordable housing developments, which helps Mumbai's urban landscape change overall. Mumbai's unique physical limitations, which include a high population density and restricted land supply, call for creative solutions for cheap housing. Building high-rises and compact dwelling units is known as vertical development, and it is a practical way to maximize land usage and serve an expanding population. Such vertical growth is deliberately encouraged by government policy, which places a strong focus on developing connected, well-planned communities that improve urban life in general.

Government action for affordable housing in Mumbai must include community involvement and engagement. Given the significance of including communities in decision-making procedures, officials promote feedback systems and participatory planning. This strategy makes sure that the particular requirements and goals of neighborhood communities are taken into consideration, encouraging a feeling of ownership and building long-lasting, socially integrated neighborhoods. Notwithstanding these interventions, there are still issues that need to be resolved, such as the development of infrastructure, the streamlining of regulatory

procedures, and the establishment of a favorable environment for affordable housing. To increase the efficacy of its programs, the government keeps improving and modifying its tactics while taking input into account and learning from past mistakes. Mumbai's environment of affordable housing is always changing, which emphasizes the need for a flexible and adaptable strategy that takes into account the citizens' ever-changing demands.

3.2 MHADA (Maharashtra Housing and Area Development Authority):

One of the most important organizations in the field of affordable housing in Maharashtra, especially in Mumbai, is the Maharashtra Housing and Area Development Authority, or MHADA. MHADA was founded in 1977 and is primarily responsible for developing and managing housing infrastructure, with a particular emphasis on meeting the housing requirements of low- and middle-income populations. Throughout the years, Mumbai's severe lack of affordable housing a city characterized by rising real estate costs and a rapidly expanding population has been greatly helped by MHADA. The creation of housing developments to offer reasonably priced and high-quality residential units is one of MHADA's primary responsibilities. These programs are intended to serve a range of income levels, with a focus on low-income and economically disadvantaged populations (LIG and EWS, respectively). The government's overarching objective is to guarantee housing accessibility for all social groups, promoting social justice and inclusion. This is in line with MHADA's efforts. The way that MHADA operates is by purchasing land, organizing and carrying out housing developments, and distributing units via an open and equitable lottery method. The authority often works in public-private partnerships and with private developers to maximize resources and hasten the building of affordable homes. By working together, MHADA can make use of the private sector's experience while guaranteeing that the housing developments meet the authority's standards for quality and affordability.

The MHADA has made a significant contribution to the renovation of cessed buildings, or old and decaying structures, in South Mumbai. These often dilapidated buildings pose a risk to public safety and impede the city's overall urban development. The goal of MHADA's rehabilitation projects is to replace these dilapidated buildings with contemporary, secure, and reasonably priced housing, reviving the urban environment and enhancing the quality of life for locals. The housing complexes of MHADA are not only vertically developed. The authority is in the process of investigating how to establish integrated townships that include recreational areas, schools, and medical services. MHADA's dedication to building thriving, sustainable communities that go beyond only providing shelter is shown in our all-encompassing approach to housing. One unique aspect of MHADA's operations is the lottery technique it uses to distribute housing units. Through a transparent and computerized lottery, eligible applicants have an equal chance of securing an MHADA home. By guaranteeing impartiality and transparency, this system allays worries about partiality or corruption throughout the distribution procedure. The lottery method has come to represent MHADA's dedication to giving everyone, regardless of socioeconomic background, equal access to housing possibilities. MHADA's voyage is not without difficulties, however. Because there is a severe shortage of affordable housing, there is intense competition for MHADA units in the lottery. The intricate urban topography of Mumbai, which is marked by a high population density and a scarcity of available land, also makes it difficult for MHADA to find adequate sites for new projects. It is still difficult to strike a balance between the necessity for cheap housing and the projects' potential to make money. Figure 2 shows the Maharashtra Housing and Area Development Authority- MHADA

Figure 2: Represent the Maharashtra Housing and Area Development Authority-MHADA

4. CONCLUSION

Investigating Mumbai's urban middle class's economic, cultural, and social environment in search of reasonably priced housing reveals a complex web of interrelated elements that have a big impact on housing goals and choices. The current state of the economy, which is characterized by disparities in income and job security, emphasizes how vital it is to solve issues related to affordability to guarantee middle-class people's access to housing. Diverse tastes, expectations, and lifestyle choices are revealed by the intricate interaction of cultural influences, which in turn shapes the demand for certain dwelling types and community features. Mumbai's culture is woven with cultural norms that highlight the need to see housing as more than simply a physical place. Cultural values, customs, and the need for a complete living experience are the main causes of preferences for certain kinds of housing, facilities, and community architecture.

REFERENCES:

[1] M. T. Beh, "The Urban Middle-Class Consumer Identity in Malaysia's Sociopolitical Coffee House Culture," *Anthropol. Forum*, 2022, doi: 10.1080/00664677.2022.2042189.

[2] N. A. Gelil, "Less space, more spatiality for low-income housing units in Egypt: Ideas from Japan," *Archnet-IJAR*, 2011.

[3] D. Kusumaningrum, J. L. Y. Anuraga, and T. A. Hafsari, "The Rise of Exclusive Boarding Houses: Gentrifying Kampung Through New Wave of Urbanization in Jakarta," *J. Indones. Soc. Sci. Humanit.*, 2020, doi: 10.14203/jissh.v10i2.179.

[4] M. Aramburu, "Precario suburbanismo. Familias de clase media en urbanizaciones de baja densidad en Cataluña," *Rev. Antropol. Soc.*, 2017, doi: 10.5209/RASO.56041.

[5] M. Nielsen, "Modelling the city: bedroom drawer blueprints as urban planning in Maputo, Mozambique," *Africa (Lond).*, 2023, doi: 10.1017/S0001972023000153.

[6] S. Jang and C. Yi, "Imbalance between local commuting accessibility and residential locations of households by income class in the Seoul Metropolitan Area," *Cities*, 2021, doi: 10.1016/j.cities.2020.103011.

[7]   M. L. Mendez, "Neighborhoods as Arenas of Conflict in the Neoliberal City: Practices of Boundary Making Between 'Us' and 'Them,'" *City Community*, 2018, doi: 10.1111/cico.12326.

[8]   E. D. Kuusaana, E. A. Kosoe, R. Y. Niminga-Beka, and A. Ahmed, "Spatial Justice and Inner-City Development in Secondary Cities of Ghana: Implications for New Urban Agenda in the Global South," *Urban Forum*, 2021, doi: 10.1007/s12132-021-09415-x.

[9]   M. M. Godoy, S. Martinuzzi, H. A. Kramer, G. E. Defossé, J. Argañaraz, and V. C. Radeloff, "Rapid WUI growth in a natural amenity-rich region in central-western Patagonia, Argentina," *Int. J. Wildl. Fire*, 2019, doi: 10.1071/WF18097.

[10]   A. Gorman-Murray, "Reconfiguring domestic values: Meanings of home for gay men and lesbians," *Housing, Theory Soc.*, 2007, doi: 10.1080/14036090701374506.

[11]   R. G. Patel and H. J. Padhya, "Challenges and Prospects of Sustainable & Affordable Housing," *Int. J. Res. Eng. Sci. ISSN*, 2021.

[12]   A. Schwartz, "The credit crunch and subsidized low-income housing: the UK and US experience compared," *J. Hous. Built Environ.*, vol. 26, no. 3, pp. 353–374, Sep. 2011, doi: 10.1007/s10901-011-9227-8.

[13]   F. Nkubito and A. Baiden-Amissah, "Regulatory planning and affordable housing in Kigali City: policies, challenges and prospects," *Rwanda J. Eng. Sci. Technol. Environ.*, 2019, doi: 10.4314/rjeste.v2i1.6.

[14]   K. Gopalan and M. Venkataraman, "Affordable housing: Policy and practice in India," *IIMB Manag. Rev.*, vol. 27, no. 2, pp. 129–140, Jun. 2015, doi: 10.1016/j.iimb.2015.03.003.

[15]   M. F. Alhajri, "Housing challenges and programs to enhance access to affordable housing in the Kingdom of Saudi Arabia," *Ain Shams Eng. J.*, vol. 13, no. 6, p. 101798, Nov. 2022, doi: 10.1016/j.asej.2022.101798.

[16]   D. Sunday, N. H. A. Shukor Lim, and A. N. Mazlan, "Sustainable Affordable Housing Strategies For Solving Low-Income Earners Housing Challenges In Nigeria," *Stud. Appl. Econ.*, vol. 39, no. 4, May 2021, doi: 10.25115/eea.v39i4.4571.

[17]   A. Moghayedi, C. Phiri, and A.-M. Ellmann, "Improving sustainability of affordable housing using innovative technologies: Case study of SIAH-Livable," *Sci. African*, vol. 21, p. e01819, Sep. 2023, doi: 10.1016/j.sciaf.2023.e01819.

[18]   W. Riggs, M. Sethi, W. L. Meares, and D. Batstone, "Prefab micro-units as a strategy for affordable housing," *Hous. Stud.*, vol. 37, no. 5, pp. 742–768, May 2022, doi: 10.1080/02673037.2020.1830040.

[19]   R. Bradley, "Vulnerability of Affordable Housing to Global Warming in South Africa: Case Study of a Masonry House in Johannesburg," *Buildings*, vol. 13, no. 6, p. 1494, Jun. 2023, doi: 10.3390/buildings13061494.

[20]   D. Batterham, M. Cigdem-Bayram, S. Parkinson, M. Reynolds, and G. Wood, "The Spatial Dynamics of Homelessness in Australia: Urbanisation, Intra-City Dynamics and Affordable Housing," *Appl. Spat. Anal. Policy*, vol. 15, no. 4, pp. 1021–1043, Dec. 2022, doi: 10.1007/s12061-022-09435-5.

CHAPTER 6

FOSTERING TEAM UNITY: PROMOTING REGULAR SPORTS ENGAGEMENT IN THE OFFICE ENVIRONMENT WITH FOOTBALL

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ABSTRACT:

The concept of fostering a culture of communal sports engagement, specifically through the use of football, within the office environment. The initiative seeks to enhance teamwork, camaraderie, and overall employee well-being by encouraging regular participation in sports activities. By focusing on football, a universally recognized and accessible sport, the aim is to create a dynamic and inclusive atmosphere where individuals from diverse backgrounds can come together, fostering a sense of unity and shared purpose. The implementation of organized football sessions within the office premises is anticipated to not only promote physical fitness but also enhance interpersonal relationships, communication skills, and overall workplace satisfaction. This abstract envisions a workplace where the collective enjoyment of sports contributes to a positive and collaborative organizational culture. This project aims to create a culture of people playing sports together more often in an office environment through the use of football. The project consists of a set of 3 different-sized modules of football fields that can fit into an office if the space is available. The system is not only limited to just the playing field, but the module comes with a changing or locker room based on the size of the field that is provided. Overall, the system is a shell that allows for customization, enabling the user or the organization to personalize the shell to their needs and preferences. Creating a new typology of a football space that inculcates a football culture in Mumbai, in turn promoting sports culture.

KEYWORDS:

Culture, Football, Multifaceted Impact, Office Environment, Playing Field.

1. INTRODUCTION

The culture of people getting their act together in an office environment, especially in the middle of football, represents a change in office culture. Gone are the days when offices were just work, meetings, and desks. Instead, a change has occurred, marked by the recognition that the inclusion of sports, and football in particular, in daily activities can lead to extreme physical benefits. This new culture goes beyond team-building drills and bad sports competitions; It is a symbol of the ongoing commitment to integrating sports into the workplace. As we delve deeper into the many effects of playing football together at work, we uncover the process of camaraderie, teamwork, personal well-being, and collaboration that translates to success and value in today's workplace. From shared goals in football to collaboration across the board, the integration of sport and business creates an environment where employees can grow professionally and personally [1], [2]. In this study, we explore the nuances of how football leadership in a local workplace transcends traditional boundaries to promote healthy football. There is a lot of collaboration and connection between employees. A culture of people working together in an office environment represents a change and integration into traditional office work. Beyond the boundaries of traditional meetings and conferences, this new culture is a shift that recognizes the important role that sports, and games such as football in particular, can play in creating quality, connection, and efficiency. This culture change is more than team-

building or fitness programs; It requires a constant commitment to be woven into the fabric of daily life. In this comprehensive study, we delve into the many impacts and benefits of a workplace culture where people exercise together, revealing the camaraderie, action teamwork, personal well-being, and organizational integration that define the way forward for today's business. The culture of cohesion in the workplace essentially represents a break from professional relationships. The lack of purpose in the workplace, where employees come together not only to complete work on time but also to play football, creating an environment beneficial to cooperation and relationships, shows immaturity. This shift challenges the notion that work is exclusively about productivity and efficiency; it acknowledges the significance of holistic employee engagement, considering physical well-being and team cohesion as essential components of a thriving workplace culture [3], [4]. Figure 1 illustration of the people playing football with the group in the playground.

Figure 1: Illustration The People Playing Football with Group in Playground [5]**.**

Incorporating sports into the daily work environment (think football, for example) provides many benefits that extend far beyond the boundaries of the playing field. The unity of participating in a sport such as football can be a force for unity, breaking down hierarchical barriers and promoting equality among colleagues. Regardless of their position or role in the organization, everyone becomes a player in the game and helps create a collaborative and harmonious environment. The best approach to mobility in the office fosters a sense of unity, where people from different departments or hierarchies can connect on a personal level and create agreements that transcend professional domains [6], [7]. The coexistence of sports culture, especially football, also shows the meaning of common achievements and celebrating them. When a team works together on the field, scores goals, and overcomes adversity, the sense of accomplishment is shared. This successful collaboration is a good example of the collaboration needed in the workplace. Triumphs and challenges in football become metaphors for triumphs and challenges in the professional world, creating a common story that inspires support, group cooperation, and work. In addition to the lack of social and organizational success, the physical benefits of participating in sports also contribute to the overall health of employees. Working in a sedentary office often leads to many health problems such as stress, fatigue, and a sedentary lifestyle. Incorporating sports, especially football, into a daily routine can provide opportunities for physical activity, improve cardiovascular health, increase energy, and reduce stress. Strengthening physical exercise not only helps improve personal health but also helps increase energy and alertness at work, which in turn has positive results in terms of overall productivity and creativity.

In addition, the culture of doing sports together in the workplace is parallel to the increase in the health and lifelong activity of employees. Recognizing the importance of resting and participating in physical activity throughout the workday, organizations that support this culture are committed to improving the overall health of their employees. In the process, they realize that healthy, balanced employees are not only more productive but also more likely to have job satisfaction and last longer in the organization. Integrating sport into workplace culture, and football in particular has the potential to create a dynamic balance that transcends demographic and cultural differences among the people who engage in it. In football, diversity turns into strength and individual differences disappear in line with common goals. This diversity and inclusion in the competitive environment can be translated into openness and integration in the professional environment. A culture of mobility creates a harmonious work environment where differences are respected and everyone contributes to the success of the team. Additionally, the culture of collaboration in the office environment provides a unique opportunity for leadership development and team building. The changes observed in football can provide a better understanding of individual and collective strengths, weaknesses, and communication. Leaders are determined not by their work, but by their ability to collaborate, advise, and support in a sports environment. These leadership styles have been seen in sports competitions in the professional world, improving teamwork, communication, and overall performance [8], [9].

The culture of players playing together in the office environment, especially in football, represents unity and progress in today's workplace. Beyond the ideal of exercise or teamwork, this culture also reflects a shift in how organizations view the relationship between work, health, and collaboration. The benefits range from the physical benefits of exercise to the immeasurable benefits of socialization, teamwork, and teamwork. As organizations recognize the importance of all-employee participation, personal relationships, and wellness, sports culture helps build strength, collaboration, and productivity together. Integrating football into workplace culture is not just a fun game, it means a strategic shift that helps create a positive, dynamic and positive workplace. A stronger and more connected workforce.

1.1. Statement:

Space and time constraints in the office environment can reduce motivation and hinder participation in physical activity. In the hustle and bustle of today's workplaces, where deadlines loom and schedules are tight, employees may find it difficult to make time for physical activity. The limited time available during the workday, together with the pressure to fulfill the responsibilities of the job, can create negative emotions and prevent the person from integrating the body with daily life. Additionally, limited space in the workplace will also limit physical exercise opportunities. This challenge is compounded by the lack of spaces dedicated to physical activity, such as parks or open spaces. Not being able to make time for exercise and find a good place to exercise can lead to a sedentary lifestyle, affecting physical health and overall motivation. To overcome these limitations, organizations need to make an impact by taking care of employees' health, creating adequate space, promoting a culture that values sports, and recognizing the role of sports in promoting motivation and health in the workplace.

1.2. Objective of the project paper:

The main aim is to create a strong platform in the office and to promote a culture of sports and physical activity, starting from football. This measure is designed to provide employees with a place to participate in football and promote physical fitness and team building. The platform has been developed with future growth in mind to accommodate a variety of sports alongside football, making it competitive and inclusive. The overall goal is to create an environment

where regular participation in physical activities is beneficial and supportive, improving the health, motivation, and general well-being of employees. By creating more fitness goals within the organization, the initiative not only reduces space and time constraints but also fosters an understanding of relationships, collaboration, and commitment related to health and better leadership. The theoretical process began by observing players on the streets of Mumbai (shown in Figure 2) and understanding the reasons why people do not participate in certain sports.
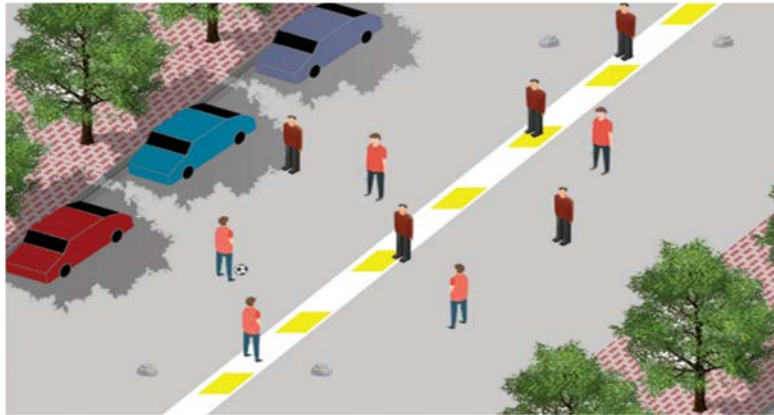
Figure 2: Illustration The Ideation Process Started with Observing People Playing, On the Streets of Mumbai [5]**.**

His thought process started by observing players on the streets of Mumbai and understanding the reasons why people did not participate in certain sports. The main reason for this is the lack of areas and facilities to do these sports. This led to the search for how to create a unique and versatile experience that would suit everyone, allow people to play all the games they want, and ultimately connect people with the environment and culture.

1.3. Sketches:

In a culture where people play sports together in office settings, artworks have emerged as a visual aesthetic that captures the essence of shared sports, especially football. The skits are live snapshots of the camaraderie, teamwork, and shared moments that occur on the field. Whether it's a quick doodle depicting a goal celebration or a more descriptive doodle depicting the different people involved in the game, sketches have become an integral part of writing and celebrating sports in the workplace. More than a painting, these pictures are an indicator of unity, where people from different departments and levels come together in football and cross borders. When sports, especially football, become an important part of workplace culture, presenting the story through art becomes a way to express joy, energy, and workplace unity.

1.4. Initial ideation of sketches:

The sketches began with trying to create modules and designs that would be able to fit within office spaces. The initial ideation of sketches for integrating sports, particularly football, into office environments commenced with a thoughtful exploration of modular designs tailored to seamlessly fit within the constraints of office spaces. The sketches sought to strike a balance between functionality and adaptability, envisioning portable and flexible modules that could be easily incorporated within various office layouts. The aim was to transcend the conventional limitations of space typically associated with offices, ensuring that the sports infrastructure could coexist harmoniously with the professional setting. These sketches explored inventive solutions, ranging from collapsible goalposts to modular turf sections, all meticulously

designed to be versatile and space-efficient. The thought process emphasizes the importance of creating vibrancy in the environment without affecting the functionality of the workplace. These early drafts formed the basis for a concept that not only encouraged physical activity and team participation but also integrated into existing workplaces, making the vision of physical leadership in the workplace increasingly successful. [10], [11].

1.5. Ideation of a smaller module catering to 4 people:

The ideation of a smaller module catering to a more intimate group of four individuals involved a meticulous exploration of compact and versatile designs that could facilitate sports engagement within limited spaces. The sketches envisioned a modular system that could be easily assembled, disassembled, and adapted to fit various office corners or communal areas. These smaller modules incorporated features like mini goalposts, synthetic turf, and interactive elements to create a miniaturized football experience for a group of four. The goal was to maximize engagement and promote quick, energetic matches that catered to busy office schedules. The ideation process considered factors such as portability, storage, and quick setup, ensuring that the module could be easily integrated into the daily work routine without disrupting the workflow. The concept of this small model seeks to challenge the traditional perception of confined workplaces by encouraging physical activity and inclusive leadership even in small workplaces.

1.6.Ideation of zoning and design of locker room systems:

The conceptual process of zoning and creating flexible rooms involves the exploration of functional and aesthetic aspects according to the specific needs of the users. Initial sketches and conceptualizations delved into the zoning concept, which envisioned a layout that would optimize space for dressing, cleaning, and storage. Zoning aims to create a different but seamless interaction to ensure a seamless user flow, taking into account factors such as privacy, accessibility, and user comfort. The container is designed with modularity and customizability in mind, allowing efficient use of available space and adaptability to various configurations. The combination of durable material, ventilation, and ease of use is the most important thing when daydreaming. The concept was designed to create a dressing room that not only meets the requirements but also enhances the entire user experience by promoting the creation of a pleasant and welcoming atmosphere. The ideation process continues to optimize the balance between performance and beauty to ensure that the final design is user-friendly and suits the desired environment of the chosen location.

1.7.Creating small sketch sections to understand the interior:

Creating small drawings is an important step in understanding the complexity of interior design. These vignettes are detailed and focus on specific areas, giving insight into the relationships, balance, and overall flow of the interior. During this process, designers can control the distribution of items such as furniture, lighting, and building features in a space. This approach allows for closer examination of details that may commonly be overlooked, allowing for a better understanding of how individuals interact. Small sketches serve as visual tools to experiment with design ideas, test different techniques, and refine interior details. Contributing to a better understanding of the dynamics of space, they ensure that the final design not only meets the requirements but also ensures harmony and beauty in every section.

1.8.Ideation of a larger module catering to 6 people interior space:

The ideation of a larger module catering to a group of six individuals involved a strategic exploration of spatial design and functionality to accommodate a slightly larger team engaging in sports activities. Initial sketches and conceptualizations focused on creating a modular structure that could efficiently cater to the needs of six participants, considering factors such as space utilization, accessibility, and collaborative dynamics. The larger module incorporated features such as expanded goalposts, extended synthetic turf sections, and interactive elements to enhance the overall experience for a group of six. The goal was to maintain the portability and adaptability inherent in smaller modules while scaling up to accommodate a larger team. The ideation process also considered the potential for customization and versatility, allowing the module to be configured in various ways to suit different office layouts. The idea is to organize and participate in sports for large groups in the workplace, promoting cooperation, communication, and overall health.

2. LITERATURE REVIEW

M. Pronk et al. [12] study found carcinogenic substances in rubber pellets made from old tires, raising concerns that the use of pellets as turf material could cause leukemia and leukemia in young sportsmen and athletes. The limitations of many previous studies on this subject cast doubt on conclusions that it is safe to exercise in these areas. Rubber pellet samples from 100 Dutch artificial turf fields were analyzed for 45 samples or 79 products. An example of this pattern has been identified for the passage of polycyclic aromatic hydrocarbons, phthalates, and metals into sweat and intestines, as well as for the evaporation of harmful substances into the air. Exposure scenarios were developed to estimate football players' oral, dermal, and inhalation exposure to the most hazardous substances in rubber products. The risk to human health is assessed by comparing the results of toxicological tests for these substances with the predicted exposure. The rubber used in the Dutch stadium has many carcinogenic, mutagenic, and antibiotic properties.

A. Bairner et al. [13] the study focused on the feeling of watching a sports match as a memory, being able to remember great successes, victories, and defeats. For most sports fans, these memories are collective. However, this article attempts to explain how the playing field (in this case the football stadium) is also a site of social memory that can have an impact on people, traveling even years later or over a certain distance. This article briefly discusses the importance of emotion, memory, and place, before using descriptive techniques and asking the writer to recall a specific moment in time and space. These stories represent an emotional response that is now negatively associated with certain sports at a particular time and, in some cases, with the people who introduced the author to these places. The essay seeks to demonstrate that the emotions that can be prompted by memories of football grounds often exceed the immediate excitement created by the event and, at least as importantly, necessarily vary from one spectator to another.

S. Charleston et al. [14] study focused on the Home refers to several locations and various meanings associated with it have been identified. However, research has been limited by a focus on the house and traditional family. To expand our understanding, this study explored whether a secondary space, the English professional football ground, embodied the same meanings as other places called home. Web survey respondents confirmed, to some extent, that their preferred football team's home stadium does represent home similarly. Three distinct aspects of the home emerged: general qualities of home, place attachment, and the importance of social interactions. Some differences stem from the length of team insurance and season tickets, but not from gender. While the football world represents some of the city's advantages,

it is anticipated that this will be due to its special connection with the homeland of English football. Future research should investigate how perceptions of stadiums and other public spaces as home spaces vary across regions to determine how home differs from the space to which we connect.

S. Manca et al. [15] the study focused on research conducted in the 1980s. The environmental psychology of football stadiums. Routledge, London, 1989, emphasized the important role of the physical environment of the sports center in influencing the user's perception of safety, comfort, and general satisfaction with what is known in the stadium. In particular, the importance of meeting the audience's needs for personal space (e.g. private space). Clear view, distance between seats, and movement possibilities were analyzed. This study aims to clarify the structure of the set of IPEQS approval indicators in various aspects related to stadium design, such as architectural, social, business, and safety. Participants (N = 255), selected based on their experience in the stadium, completed a self-administered survey measuring indicators generated by two validated instruments [e.g. The indicator of the visual environment is good and obtained from the semi-interview. Validity checks and reliability tests were performed for each measurement. The IPEQS model discovered by the CFA process generally confirmed the results of the factor analysis using previous data. The results of this study should provide stadium managers and designers with useful tools to improve the overall spectator experience.

G. Bullock et al. [16] the study explored Sports participants who are faced with the decision to continue playing or not to play in the event of injury. The effects of exercise during injury on health and quality of life have not been studied. This study aimed to investigate the relationship between exercise at the time of injury and HRQoL, osteoarthritis, and chronic joint pain; and compare findings from elite and recreational players. Methods: This study used the Cricket Health and Wellbeing Study cohort. Inclusion criteria: being ≥18 years old and having played ≥1 season. Questionnaire data collected included a history of playing sport injured, SF-8 physical and mental component scores, physician-diagnosed osteoarthritis, and persistent joint pain (most days of the last month). Multivariable linear regressions and logistic regressions were performed. Continuous covariates were handled using fractional polynomials. Models were adjusted for age, sex, cricket seasons played, playing status, joint injury, and orthopedic surgery. All participants (n = 2233) were included in HRQoL analyses, only participants aged ≥30 years (n = 2071) were included in osteoarthritis/pain analyses. Similar associations were observed for PCS, osteoarthritis, and pain in the active and recreational groups. Playing through injury was associated with lower MCS scores only among basketball players, while there was no correlation among non-athletes.

L. Kapilevich et al. [17] study focused on the Purpose of investigating the characteristics of bioelectrical activity of calf muscles in student-athletes. Materials and methods. Subjects included 30 men aged 21-25. The management team consists of 15 athletes; The home team has 15 players. Athletes compete on normal, smooth surfaces; Use the GYMSTICK Power Slider 61131-PRO skateboard to simulate smooth surfaces. The Neuro-MVP-4 multifunction computer system is used to record the bioelectric activity of muscles. The bioelectric activity of the hamstrings, femoris muscle, and adductor longus muscle was investigated. Research: Research shows that indoor football players and snowball players have different and often conflicting physical conditions. Emotional effects are observed when this action is repeated under unusual circumstances. While football players are characterized by some confusion, snow players are almost completely chaotic.

3. DISCUSSION

The culture of people playing sports embodies a vibrant and dynamic atmosphere where individuals come together to engage in physical activities, fostering a sense of camaraderie, teamwork, and shared well-being. Beyond the competitive aspect, this culture promotes a holistic approach to health, encouraging regular exercise, and an active lifestyle. In the context of an office environment, fostering a culture of people playing sports signifies a departure from the conventional workplace routine, creating opportunities for employees to bond and collaborate outside the professional realm. Whether it's a casual game of football, basketball, or other team sports, this culture emphasizes the values of inclusivity, mutual support, and the celebration of shared accomplishments. The physical and mental benefits of regular sports participation contribute to a positive work environment, enhancing motivation, reducing stress, and cultivating a sense of community among colleagues. In essence, the culture of people playing sports transcends the boundaries of competition, becoming a catalyst for building strong interpersonal connections and promoting a healthier, more vibrant workplace.

3.1.Modeling Process:

The physical modeling process commenced by crafting a foldable prototype, a pivotal step in shaping a dynamic and adaptable structure conducive to fostering a culture of people playing sports together in an office environment. This foldable model served as the initial tangible representation, allowing for hands-on experimentation with various design concepts. Through iterative adjustments and refinements, the model evolved into a practical module designed specifically to facilitate the joining of platforms, a key element in creating a sports-centric culture within the workplace. The module, born from the foldable prototype, demonstrated a seamless integration of functionality and versatility. It became a connective element, allowing platforms to be joined effortlessly, thereby enabling collaborative football activities. This innovative approach to physical modeling not only ensured the practicality of the design but also underscored the commitment to creating an interactive and engaging sports culture within the office environment, where the module played a pivotal role in bringing individuals together through the shared experience of playing football [18], [19].

3.2.This makes the construction of the module not only easier but also more effective:

The construction of the module is streamlined to be both simpler and more effective, akin to assembling a well-crafted puzzle. The utilization of a karting box, known for its modular and easily assembled characteristics, enhances the efficiency of the construction process. This innovative approach allows for a systematic and organized assembly, reducing complexities and ensuring a more effective outcome. Figure 3 Illustration of the karten box used to make the construction of the module.

Figure 3: Illustration of The Karten Box Used to Make the Construction of The Module [5]**.**

The use of a karten box facilitates precision in construction, aligning with the modular design principles to create a seamless and interconnected structure. This method not only simplifies the construction process but also ensures that the module can be efficiently replicated or modified as needed. The incorporation of a karten box into the construction strategy underscores a commitment to practicality, enabling a more accessible and scalable implementation of the module for creating dynamic spaces in various environments, such as offices or recreational areas. The module's bending would be based on 4 support columns which would allow for the bending. Thus, finally allowing for the system to be completely collapsable. Figure 4 illustrates the module's bending would be based on 4 support columns.
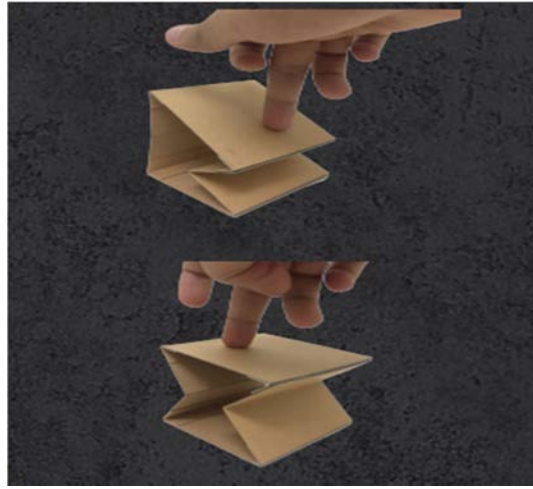
Figure 4: Illustration The Module's Bending Would Be Based On 4 Support Columns [5]**.**

The model was made to show the collapsable element to the module which was to begin with one of the key elements of the design of the module. Figure 5 Illustration of the Collapsable Element to The Module Which Was to Begin with One of The Key Elements.

Figure 5: Illustration of The Collapsable Element to The Module Which Was to Begin with One of The Key Elements [5]**.**

The idea was to have the module which folds like flat pack furniture thus making it easier to remove. Although the model does not show it, the module would consist of hinges which allowed it to bend. The build process was to understand how a space could easily be brought up allowing for the creation of a module. Figure 6 illustration of the creation of a module in different types.

1. The idea was to create a modular structure that could be easily assembled and disassembled within a space which allows for mobility from place A to B.

2. This model was made to show the elements that come together and join to form the flooring.

3. This then allows for the turf to be laid and fixed on the flooring.
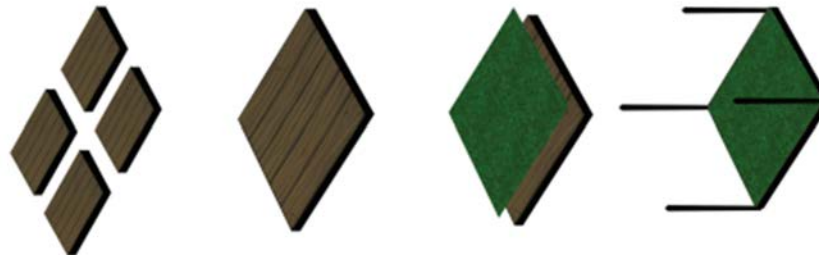
Figure 6: Illustration The Creation of a Module in Different Types [5]**.**

4. Next, vertical support is added to the edges to give further stability and to provide netting.

3.3.Process:

This study begins by examining sports culture in Mumbai to understand how it influences people and creates specific needs and desires for certain sports. Understanding why people stay in a place and what type of place they use when playing football helps to understand how that place can be tailored and adapted to specific users.

You might think that in Mumbai, one of the most populous cities in the world, a large number of people watch and participate in various sports, but the situation is quite the opposite. Mumbai is the city of cricket.

Millions of rupees have been invested in training and workshops. This clearly shows the disparity when it comes to sports [20], [21]. Figure 7 Illustration that prevents people from playing a certain kind of sport.

The idea is not to discourage or prevent people from playing a certain kind of sport but to understand and try to distribute or redistribute knowledge to people so that they may play different kinds of sports apart from the main dominant ones. Creating a space that does not distinguish between people or sports, but allows people to play whatever sport they may choose, and gives people the incentive and the understanding to go out, and do whatever they want, without having to be discriminated [22], [23]. Increasing efficiency in the office is about more than just making people work faster. It means employing the latest technology, establishing incentive programs, and finding ways to empower employees. Employees don't need a lavish multi-story office to feel more productive; you just need to be creative with your space. By having access to natural light, collaborative spaces, and private meeting rooms, you'll increase employee satisfaction and productivity.

Figure 7: Illustration The Prevent People to Play a Certain Kind of Sport [5]**.**

4. CONCLUSION

This study begins by examining sports culture in Mumbai to understand how it influences people and creates specific needs and desires for certain sports. Understanding why people stay in a place and what type of space they use when playing football can help you understand how the space can be tailored and tailored to particular users. In Mumbai, one of the most populous cities in the world, you would think that there would be a large number of people watching and participating in various sports, but the opposite is the case. Mumbai is the city of cricket. Millions of rupees have been invested in education and training. This clearly shows the difference between sports.

REFERENCES:

[1]   P. M. Brannagan and J. Rookwood, "Sports mega-events, soft power, and soft disempowerment: international supporters' perspectives on Qatar's acquisition of the 2022 FIFA World Cup finals," *Int. J. Sport Policy*, 2016, doi: 10.1080/19406940.2016.1150868.

[2]   O. Levental, U. Carmi, and A. Lev, "Jinx, Control, and the Necessity of Adjustment: Superstitions Among Football Fans," *Front. Psychol.*, 2021, doi 10.3389/fpsyg.2021.740645.

[3]   V. Mani and M. Krishnamurthy, "Making a locality: the politics of land and football in North Kerala," *Leis. Stud.*, 2018, doi: 10.1080/02614367.2018.1480651.

[4]   D. M. Twomey, L. A. Petrass, J. W. Orchard, and C. F. Finch, "Ground condition as a risk factor in sports injury etiology studies: the level of concordance between objective and subjective measures," *Inj. Epidemiol.*, 2014, doi: 10.1186/s40621-014-0027-y.

[5]   J. Flint, "Outside in," *PLoS Genet.*, vol. 15, no. 2, 2019, doi: 10.1371/journal.pgen.1008014.

[6]   R. R. Uvinha, F. S. Romano, and N. Wise, "Sporting Heritage and Touristic Transformation: Pacaembu Stadium and the Football Museum in São Paulo, Brazil," in *Urban Book Series*, 2020. doi: 10.1007/978-3-030-41905-9_4.

[7] H. ZZlch and M. Palme, "Management Quality of German Football Clubs: The Football Management (FoMa) Q-Score 2017," *SSRN Electron. J.*, 2017, doi: 10.2139/ssrn.3014714.

[8] M. A. Stokes, J. A. McKeever, R. F. McQuillan, and N. J. O'Higgins, "A season of football injuries," *Ir. J. Med. Sci.*, 1994, doi: 10.1007/BF02942129.

[9] J. Parkkari, U. M. Kujala, and P. Kannus, "Is it possible to prevent sports injuries? Review of controlled clinical trials and recommendations for future work," *Sports Medicine*. 2001. doi: 10.2165/00007256-200131140-00003.

[10] I. Schwede, "Jalgpalli populaarsus Eesti Vabariigi spordielus 1920–40 [Abstract: The Popularity of Football in the Sporting Life of the Republic of Estonia in 1920–1940]," *Ajalooline Ajakiri. Est. Hist. J.*, 2020, doi: 10.12697/aa.2019.3-4.02.

[11] B. Hyndman, "The state of playgrounds in Australian schools," in *Contemporary School Playground Strategies for Healthy Students*, 2017. doi: 10.1007/978-981-10-4738-1_3.

[12] M. E. J. Pronk, M. Woutersen, and J. M. M. Herremans, "Synthetic turf pitches with rubber granulate infill: are there health risks for people playing sports on such pitches?" *J. Expo. Sci. Environ. Epidemiol.*, 2020, doi: 10.1038/s41370-018-0106-1.

[13] A. Bairner, "Emotional grounds: Stories of football, memories, and emotions," *Emot. Sp. Soc.*, 2014, doi 10.1016/j.emospa.2013.11.005.

[14] S. Charleston, "The English football ground as a representation of home," *J. Environ. Psychol.*, 2009, doi 10.1016/j.jenvp.2008.06.002.

[15] S. Manca and F. Fornara, "Confirmatory factor analysis for indicators of perceived environmental quality of the stadium (IPEQS)," *Cogn. Process.*, 2015, doi: 10.1007/s10339-015-0712-y.

[16] G. S. Bullock, G. S. Collins, N. Peirce, N. K. Arden, and S. R. Filbay, "Playing sport injured is associated with osteoarthritis, joint pain and worse health-related quality of life: A cross-sectional study," *BMC Musculoskelet. Disord.*, 2020, doi: 10.1186/s12891-020-3136-5.

[17] L. V. Kapilevich, Y. A. Gaevaya, and A. A. Ilyin, "Ball kicking bioelectric activity of muscles in students playing snow football," *Hum. Sport Med.*, 2020, doi: 10.14529/HSM200201.

[18] K. van den Bogert, "Spatial performances of gender, Islam and the 'secular': Muslim girls' playing football in Dutch public playgrounds," *Ethn. Racial Stud.*, 2021, doi 10.1080/01419870.2020.1846764.

[19] J. M. Gamonales, J. Jiménez-Solis, L. Gámez-Calvo, B. Sánchez-Ureña, and J. Muñoz-Jiménez, "Sport injuries in football for individuals with visual impairment. Exploratory systematic review," *Retos*, 2022, doi: 10.47197/retos.v44i0.91163.

[20] F. P. Bianchi, V. Veneziani, M. A. Cantalice, A. Notarnicola, and S. Tafuri, "Epidemiology of injuries among Italian footballers: the role of the playing field," *Inj. Prev.*, 2019, doi 10.1136/injuryprev-2018-042968.

[21] CTRI/2020/09/027874, "Mental Training for Football Players," *https://trialsearch.who.int/Trial2.aspx?TrialID=CTRI/2020/09/027874*, 2020.

[22] P. Verma, P. K. Mishra, A. Varun, M. Nigam, and J. S. Tomar, "When a playground turned into a graveyard," *J. Indian Acad. Forensic Med.*, 2018, doi 10.5958/0974-0848.2018.00064.7.

[23] J. G. M. Van Rooij and F. J. Jongeneelen, "Hydroxypyrene in the urine of football players after playing on the artificial sports field with tire crumb infill," *Int. Arch. Occup. Environ. Health*, 2010, doi 10.1007/s00420-009-0465-y.

CHAPTER 7

REDESIGNING THE PRESENT-DAY FLOOR PLANS FOR THE HOUSING APARTMENTS

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ABSTRACT:

To make housing as affordable as possible, apartment sizes in India's major cities like Mumbai have fallen by 26.4% since 2010. It has been reported that flat sizes are shrinking in Mumbai, where property prices are the highest. After an in-depth study of many modern buildings where space utilization was found to be poor, this article aims to make the model more efficient by providing customers with the most members and affordable prices. The purpose of this article is to reconstruct the floor plans of today's houses using the same space. Studies of many modern buildings have shown that the use of space provided is very poor and this article aims to make the design more user-friendly by providing end users with the most value they have and can do. be able to afford it. The purpose of the article is to provide many possible layouts in a given space according to the needs and requirements of the user. the essence of the transformative initiative to redesign present-day floor plans for housing apartments. Focused on meeting the evolving needs of urban living, this redesign goes beyond aesthetics, emphasizing efficiency, sustainability, and enhanced quality of life. The optimization of space utilization creates visually appealing and functionally versatile environments, catering to the diverse lifestyles of modern residents. With a user-centric approach, the redesigned floor plans prioritize personalized living experiences, fostering individuality and well-being. Sustainability takes center stage, incorporating energy-efficient features and materials to align with global eco-friendly practices.

KEYWORDS:

Apartment, Buildings, Housing, Major Cities, Redesigned.

1. INTRODUCTION

The house is one of the needs of people and serves many functions, such as being a place for the protection and development of those living in it, as well as being a mercenary and debt-free asset. The size of flats in Mumbai has been reduced since 2010 to make housing more affordable for buyers, which has served as a springboard for ideas generated by in-depth study of many modern buildings. It has been found that the use of space provided in modern buildings is not good. The purpose of the article is to provide many possible layouts in a given space according to the needs and requirements of the user. The question may be: How are building floors renovated/reconstructed to ensure that all spaces operate according to government regulations and rules/guidelines, including new standards and lifestyles? Functionality means making the most of FSI by providing more rooms and space in the home, benefiting the designer and the client [1], [2].
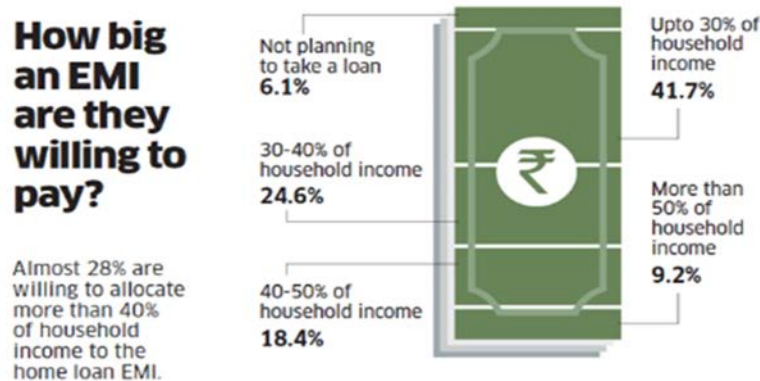
1.1.Efficient Planning:

The floor plan has been redesigned to meet all requirements, all areas are functional, and the main design goal is to make the best use of space by addressing lengths and differences. To understand the importance of interior designers who undertake the renovation of an existing

building in a planned space for better use of the space. Examine existing high-rise buildings and redesign floor plans to provide an appropriate plan for efficient use of space.

1.2.Suiting Buyer's Spending Power:

Major cities in India for example Mumbai have seen a fall in apartment sizes. A possible reason behind this move by developers to reduce apartment sizes could be to better suit buyers' spending power. Figure 1 illustration of the suiting buyer's spending power.
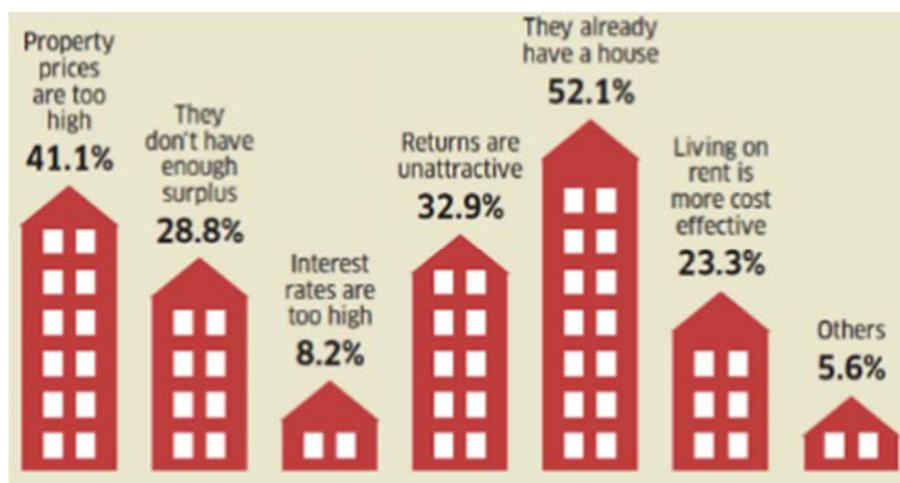
How big an EMI are they willing to pay?

Almost 28% are willing to allocate more than 40% of household income to the home loan EMI.

Not planning to take a loan
6.1%

30-40% of household income
24.6%

40-50% of household income
18.4%

Upto 30% of household income
41.7%

More than 50% of household income
9.2%

Figure 1: Illustration of The Suiting Buyer's Spending Power [3]**.**

Many urban buyers also choose to live in newer, smaller homes near the office. If the plan is well designed and does not provide for wasted space, it benefits from the developer providing more square meters to other buildings while the client does not need to pay for unused and idle space included in the square meter. So overall the builders used all of the available floor space and didn't waste any space. Most manufacturers keep the unit the same but reduce the space to make it more efficient and call this engineering value [4], [5].

1.3.Zero Space Wastage:

By providing a floor plate that consists of all the houses having functional spaces and areas, hence wasting zero percent of the space in circulation/corridors/passages which is accountable and payable for by the customer. Figure 2 illustration of the high property price and lack of surplus.

Property prices are too high
41.1%

They don't have enough surplus
28.8%

Interest rates are too high
8.2%

Returns are unattractive
32.9%

They already have a house
52.1%

Living on rent is more cost effective
23.3%

Others
5.6%

Figure 2: Illustration of The High Property Price and Lack of Surplus [3]**.**

By understanding how the wasted space can be re-oriented in the residence plan or differently used. By understanding how nonfunctional areas can be used and designed to follow form. By exploring the change of trends and living styles in a home and providing the client with a suitable and affordable home for a new way of living [6], [7].

1.4.Area/spaces in your houses do you think are getting wasted:

1. *Passage:* Often neglected and deemed as transitional spaces, passages in homes are frequently underutilized. With strategic design, these areas could be transformed into functional zones, serving as storage niches, mini-libraries, or display galleries.

2. *Corridors:* Typically considered as mere connectors between rooms, corridors can be optimized for utility. Incorporating built-in storage solutions, seating arrangements, or even a small workspace can enhance the functionality of these often-overlooked spaces.

3. *Long Living Room:* Extended living rooms may create challenges in terms of spatial planning. Breaking up the area with distinct zones for lounging, entertainment, or a cozy reading nook can transform a lengthy living room into a versatile, inviting space.

4. *Big Bedroom:* While spacious bedrooms are coveted, the excess square footage might go unused. By introducing a dedicated seating area, a home office, or even a personal gym within the bedroom, the surplus space can be transformed into a multifunctional retreat.

5. *Staff Quarters:* Often relegated to mere storage or ignored entirely, staff quarters can be repurposed as guest rooms, home offices, or hobby spaces, maximizing the utility of this designated area.

6. *Balcony:* Balconies, though providing a breath of fresh air, may be overlooked in terms of potential. Converting these outdoor spaces into cozy seating areas, mini-gardens, or even compact home offices can make them valuable extensions of living spaces.

7. *Corners:* Frequently dismissed, corners in rooms can be utilized creatively. Installing corner shelves, creating cozy reading nooks, or incorporating small functional furniture can effectively transform these overlooked spaces.

8. *Extra Bedroom:* Unused bedrooms might become versatile spaces. Transforming them into home gyms, hobby rooms, or guest suites ensures that every part of the home contributes to the overall functionality.

9. *Big Kitchen:* While spacious kitchens are a dream for many, inefficient layouts might lead to underutilized areas. By optimizing storage, creating designated zones for different functions, and incorporating smart appliances, a large kitchen can be both practical and aesthetically pleasing [8], [9].

1.5.Think your apartment is efficiently planned in terms of area, rooms, and division of space:

In this Figure 3 the Black clouds represent Yes; pink clouds represent no and gray clouds represent maybe.
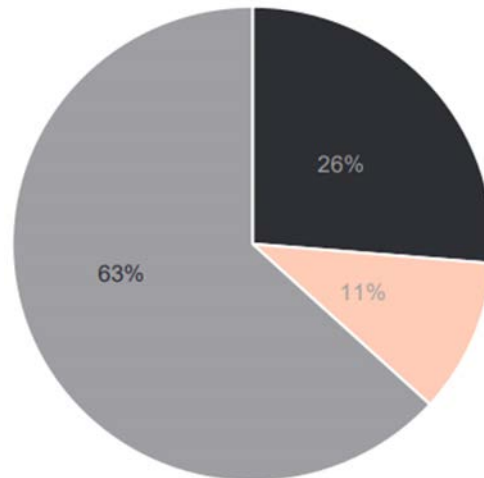
Figure 3: Illustration The Efficiently Planned in Terms of Area, Rooms, and Division of Space [3]**.**

2. LITERATURE REVIEW

N. Kumar et al. [10] the study explored the design of many flats in Indonesia and Mumbai involving installing two units on the largest floor space, regardless of orientation. Those on the leeward side may have a negative impact. This study aims to identify the best cavity designs that allow adequate ventilation to provide indoor heating in low-cost buildings. Four types of buildings were constructed at a scale of 1:75 and wind speed and air pressure data were collected using a wind tunnel. Different gap sizes, air trap locations, and window usage were examined. The results determined that cross ventilation on the leeward side of the building could be increased by providing gaps in the building. The size of the gap should be small and the orientation of the wind catcher should be sufficient to ensure that the wind is more quickly taken to the left side of the room.

M. Khatibi et al. [11] the study focused on This article explores the social relationships between micro-communities in a cluster housing concept unit. The apartment was designed as a work of art for leisure and lifestyle for a housing association in Zurich, Switzerland. The research is a qualitative study through the housing description of three residents who are representatives of the family in the determined community. In addition, on-site visits and observations, data analysis, and desk research were conducted. This study is the first to examine the micro-community through real stories of local communities, both in normal times and in the context of the pervasive COVID-19. The results of the study show that social relations in working group cohousing communities benefit from the average area of the housing group. This socio-spatial relationship creates the potential for innovation and urban housing. This work also provides insight into the future of conflict points and cluster architecture.

H.Yun et al. [12] the study focused on the structure of the building should be chosen carefully because each structure has its advantages and disadvantages. Since the procurement of real estate does not necessarily lead to real estate construction, each model must be evaluated from a real estate perspective. This study examines the history of collective land development and approved housing use in land development between 1937 and 1999 in the Seoul Metropolitan Region of South Korea, exploring the relationship between consolidation and acquisition, as well as differences between landowners and land ownership. to them. The developer is a construction agency. Historical results show that, among all the houses built in the 20 years, the houses built in the construction sector of the region were completed in an average of 8.44

years, and 90 percent of the projects used low-rise buildings built by individuals on average. 8.44 years Only then can it be done. Land consolidation took 18.50 years. This study provides a comprehensive real estate model for use by real estate developers.

J. Lee et al. [13] the study focused on Recent research in the construction industry focusing on reducing CO_2 emissions by measuring the lifespan of the building. However, most research has focused on the operational phase of the building life cycle. There are few studies on CO_2 emissions during construction. This study aims to determine the CO_2 emissions that occur during the construction of apartment buildings. CO_2 emissions associated with the use of building materials and construction equipment are used to estimate CO_2 emissions associated with the life cycle of residential buildings. 13 construction types were identified to determine materials, equipment, and transportation space; CO_2 emissions resulting from statistical data were calculated for each construction type. Positive results show that construction projects involving reinforced concrete account for more than 73% of all carbon dioxide emissions. CO_2 emissions associated with concrete construction works mainly arise from transportation from suppliers to the construction site. Therefore, when providing concrete, it should be taken into account that the transportation and fuel economy management of vehicles will reduce CO_2 emissions.

S. Kim et al. [14] the study focused on The purpose of this study is to examine the inverse relationship between the apartment price index and apartment price changes in Korea. We use the logistic adjusted transition autoregressive (LSTAR) model and use apartment price volatility as a variable. To do this, we use the Jeans Price Index and the Apartment Price Index, which include the sample period from May 1995 to March 2022. Due to the asymmetry of change, this paper uses the EGARCH model to estimate housing price volatility. From the results of nonlinear estimation, we found that the nonlinear model is more suitable than the linear model to capture the characteristics of the apartment cost index. Moreover, the empirical results of the LSTAR nonlinear model show that the house price increases when the uncertainty in the apartment price is high. Additionally, when we examine the effect of interest rate changes on jeans, we see that the interest rate effect is not significant in the LSTAR model and that interest rate changes hurt clothing in linear models. Overall, our results show that uncertainty in house prices must be reduced for house prices to improve.

M. Faraz et al. [15] the study explored how The construction sector in India contributes to our economy as the second largest sector after agriculture. The construction industry uses a lot of energy and produces greenhouse gases such as carbon dioxide throughout the life cycle of buildings. A large amount of water was consumed during construction. Studies have shown that the groundwater table is decreasing in India and there is a need to reduce energy consumption and conserve and harvest water using green and zero-energy strategies. A net zero energy building is defined as a building that is not dependent on other energy sources. The main purpose of this study is "planning, analysis, and construction of a five-story building using zero energy concepts and technologies". The plan is designed to take into account the mentioned factors. Planning and drawing of the model were done on the vehicle using AutoCAD. Further analysis was conducted in STAAD Pro V8i and Cyle using models designed for zero energy and conventional buildings. Energy savings such as rainwater collection equipment, solar panels, biogas facilities, wind energy, and sewage treatment plants have been implemented as standard. It reduces dependence on external energy by using alternative energy sources such as solar photovoltaics, biogas, and wind turbines, making it economical and environmentally friendly. Make material estimates based on drawings and specifications. Finally, a comparative study was conducted between traditional buildings and zero-energy buildings by analyzing the benefits of solar panels. Water costs are reduced by 27% annually

by using rainwater, and 20% energy savings are achieved each year by installing solar panels with a capacity of 233 kilowatts/hour. In addition, from the perspective of cost estimation, the return on investment of green solar energy is approximately 2.9 years.

3. DISCUSSION

3.1.Site Analysis: Omkar 1973, Worli:

Located in the heart of India's bustling financial capital, Worli is one of seven islands connected to the modern city of Mumbai. It ranges from Prabhadevi to Haji Ali, forming part of the charming South Mumbai. The building received this name in 1973 due to its location at 19° north latitude and 73° east longitude. Figure 4 shows the analysis: Omkar 1973, Worli.

Figure 4: Illustration The Site Analysis: Omkar 1973, Worli [3]**.**

It is a 2.5-kilometer drive from the beach. Located between Lower Parel and Worli, 2.7 km from Prabhadevi Station, the hotel is surrounded by business centers, offices, restaurants, and cafes. Since the building is located in the heart of the city, many parts of Mumbai can be easily reached by road and train. Worli is easily accessible from South Mumbai and suburban areas thanks to its sea connectivity. Property prices in Worli range from Rs 40,000 to Rs 75,000 per square meter. Located in Mumbai's Worli metropolis, Omkar 1973 is a testament to the architectural beauty and luxury in the heart of the city. There are three skyscrapers, this residence is not only full of tall buildings but also a beautifully designed place that blends into its surroundings. Analysis of the exhibition space shows the careful planning and thought that went into the development of this symbol. The location itself is Omkar 1973's biggest asset [16], [17].

The complex is located in the Worli district, known for its rich and healthy lifestyle, close to major shopping malls, theaters, and entertainment venues. Its strategic location blends tranquility and the liveliness of the city, offering its residents a magnificent view of the Arabian Sea and the city. Omkar 1973 An important aspect of spatial analysis is the use of space. Considering the scarcity of land in Mumbai, especially in popular areas like Worli, architects create the best possible location without compromising on beauty. Our buildings are of varying heights and are placed to maximize light and ventilation and create a sense of openness in the urban environment. The architecture of Omkar 1973 also considers the environment.

The complex integrates seamlessly into the existing landscape by combining green areas and parks. The interplay between modernity and nature is evident in the use of glass facades, which

allow for beautiful views while maintaining a visual connection with the lush surroundings. Omkar's field analysis in 1973 examines the urban environment, recognizing the need for products and services that enable people to have a positive experience. The complex features a variety of amenities including a spa, fitness center, several pools, and concierge service to ensure a luxurious and convenient lifestyle throughout the development. Transport and connectivity are important factors considered in Omkar's 1973 field analysis. The complex is well-connected to major roadways and public transportation, facilitating easy access to other parts of the city. The integration of parking facilities within the complex addresses the challenges posed by urban congestion, offering a practical solution for residents' vehicular needs. Security is paramount in the site analysis of any upscale residential complex, and Omkar 1973 is no exception. The development employs state-of-the-art security measures, including surveillance systems, access controls, and trained personnel, ensuring a safe and secure living environment for its residents. The site analysis of Omkar 1973 in Worli unravels a harmonious blend of architectural innovation, urban planning, and luxury living. The complex not only stands tall in the Mumbai skyline but also blends seamlessly with its surroundings, providing a haven of opulence in the vibrant life of the city. The careful use of space, connections, and materials underlines Omkar 1973's commitment to offering a lifestyle experience in the heart of Mumbai [18], [19].

3.2. Advantages Of Redesigning the Present-Day Floor Plans for The Housing Apartments:

Redesigning present-day floor plans for housing apartments offers a myriad of advantages that cater to the evolving needs and preferences of residents, fostering a more efficient, adaptable, and user-centric living environment. Firstly, the process allows for optimal space utilization, addressing the perennial challenge of maximizing functionality within limited square footage. By reimagining layouts, designers can create multifunctional spaces that cater to diverse activities, such as work, leisure, and storage, resulting in residences that are not only aesthetically pleasing but also highly practical. Moreover, the redesign of floor plans contributes significantly to the promotion of sustainable living. Thoughtful space planning enables the integration of energy-efficient features and sustainable materials, aligning with the growing emphasis on environmentally conscious design. This approach not only reduces the ecological footprint of housing complexes but also aligns with the broader global commitment to sustainable and eco-friendly living practices. The user-centric focus of redesigned floor plans is instrumental in enhancing the overall quality of life for residents. Tailoring layouts to the specific needs and preferences of individuals or families allows for a personalized living experience. Spaces can be customized to accommodate various lifestyles, from open-plan designs for social interactions to secluded areas for focused work or relaxation. This adaptability is particularly relevant in the post-pandemic era, where the home has evolved into a multifaceted hub for work, recreation, and daily activities. Redesigned floor plans also contribute to fostering a sense of community within housing complexes. Thoughtful arrangements of communal spaces, such as shared gardens, rooftop terraces, or collaborative workspaces, encourage social interactions among residents [20], [21].

This not only creates a vibrant and supportive community atmosphere but also enhances the overall well-being of the residents by promoting a sense of belonging and shared experiences. In terms of marketability, apartments with redesigned floor plans possess a competitive edge in the real estate landscape. Modern homebuyers are increasingly seeking residences that offer more than just traditional layouts, and a well-designed apartment stands out in the market. Developers can capitalize on this trend by incorporating innovative floor plans that not only meet current demands but also anticipate future lifestyle changes, ensuring the longevity and relevance of the housing complex.

Furthermore, redesigned floor plans contribute to the optimization of natural resources. Strategic placement of windows, balconies, and green spaces enhances natural lighting, ventilation, and overall well-being.

This not only reduces the reliance on artificial lighting and climate control systems but also promotes a healthier living environment, aligning with the growing emphasis on wellness in modern urban living. The advantages of redesigning present-day floor plans for housing apartments extend beyond mere aesthetics. This transformative approach addresses contemporary challenges, offering solutions that enhance functionality, sustainability, community engagement, and overall quality of life for residents.

3.3.Kind Of Natural Ventilation Prefers in the apartment:

The black clouds represent an openable window, pink clouds represent a sliding window and grey clouds represent the external balcony and no natural ventilation. In Figure 5 shown the Kind of Natural Ventilation Represented in Percentage.
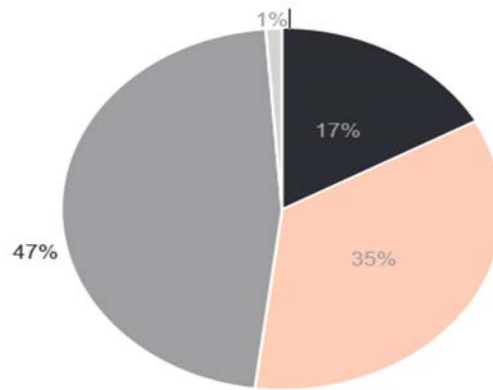
Figure 5: Illustration of The Kind of Natural Ventilation Represented in Percentage [3]**.**

Natural heating is an important part of building a sustainable home, using natural energy such as wind and temperature changes to create a healthy and comfortable home. This ventilation system relies on providing open spaces such as windows, doors, and vents to supply fresh air into the building, thus reducing the reliance on mechanical ventilation. The benefits of ventilation extend beyond energy use and include improving indoor air quality, improving the health of building occupants, and reducing environmental impact. One of the best things about air conditioners is their efficiency. By using natural airflow, buildings can reduce reliance on mechanical ventilation, reducing energy use and operating costs. Not only is this good practice at home, but it also helps create a sustainable and profitable environment in the long run. Architects and designers play an important role in optimizing building layout, window positioning, and all features of the building to take advantage of natural ventilation. Improving indoor air quality is another important benefit of breathing well.

But unlike mechanical systems that expand and filter air, a good fan provides outdoor air, reduces pollutants, and improves health or work. This constant air exchange helps reduce problems such as mold growth and stagnant air, creating a clean space that is not only unhealthy but also beneficial to your health. The comfort of residents is the most important factor in the construction of a building, and natural ventilation plays an important role in achieving this goal. The ability to control airflow and adapt to different climates allows humans to live individually and sensitively with the environment. By adjusting the door's opening to their liking, residents or employees can connect with the outdoors and gain a sense of control over the interior.

Natural breathing increases stability by reducing the environmental impact associated with normal breathing. According to global efforts to reduce climate change, reduced energy use translates directly into lower greenhouse gas emissions.

Additionally, relying on natural energy instead of mechanical methods reduces the need for non-renewable materials, making natural respiration an important part of life as a greenhouse. A combination of natural ventilation is natural, including factors such as weather, building orientation, and local wind patterns. In warm climates, air movement through openings on the outside of the home can be used to control the temperature inside the home. In hot weather, the vent uses the buoyancy of hot air to move it away from the open area and has proven effective in cold places. However, in some cases, such as those living in cities or structured buildings with limited outdoor space, there are problems in obtaining the best ventilation. In this case, architects need to use innovative design solutions such as atriums, courtyards, or skylights to enhance natural ventilation opportunities. In summary, natural ventilation is a sustainable and effective way to create a healthy, energy-efficient, and comfortable home. Integration into the construction of the building must be taken into account and the specific elements used in local conditions, the characteristics of the building, and the needs of the inhabitants must be taken into account. As the world continues to focus on sustainable development practices, global emissions are a key element in shaping the future of environmental memory, and beautiful and man-made buildings.

3.4. *Cost of Apartment in India: Average price per square foot (Rs), also in Figure 6 shown the cost of apartments in India:*

1. Mumbai: 20,544

2. Noida:5,501

3. Bengaluru:4,837

4. Pune:5,035

5. Gurugram:4,790

6. Chennai:4,790

7. Hyderabad:3,979

8. Kolkata:3,736
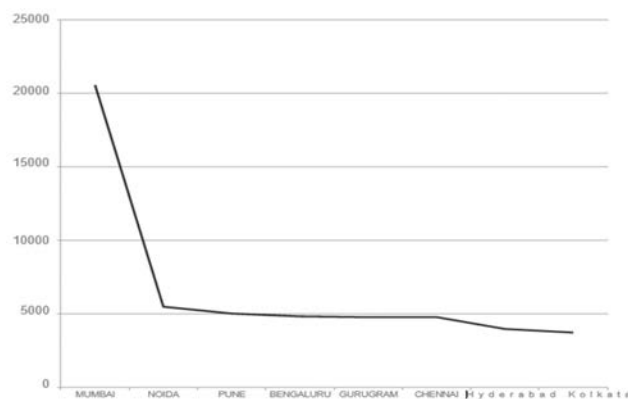
Figure 6: Illustration of the cost of apartments in India [3]**.**

Light & Ventilation:

All parts of any habitable room shall be adequately lighted and ventilated. For this purpose, every room shall have one or more apertures, excluding doors. Table 1 shown the light and ventilation.

Table 1: Illustration of the light and ventilation.

Height of buildings in meters (m)	Cross-section of ventilation shaft in sq. m	Minimum dimension of one side of shaft in meters (m)
Up to 12	2.8	1.2
Up to 18	4.0	1.5
Up to 24	5.4	1.8
Up to 30	8.0	2.4
Above 30	9.0	3.0

The open area should be at least 1 square meter. Each living room, including the kitchen, is 0.3 m2. The length of the bathroom, toilet, or tank should be 0.3 m. The bathroom, shower room, staircase, or cellar/prayer room may be adjacent to the ventilation and their length should not be less than those specified in Table 1 [3].

4. CONCLUSION

The endeavor to redesign present-day floor plans for housing apartments emerges as a transformative and forward-thinking approach that addresses the evolving dynamics of urban living. The advantages of such redesigns extend beyond aesthetic considerations, reaching into the realms of efficiency, sustainability, and enhanced quality of life. By prioritizing optimal space utilization, the redesigned floor plans create environments that are not only visually appealing but also functionally versatile, accommodating the diverse needs and lifestyles of modern residents. The user-centric focus underscores a commitment to personalized living experiences, fostering a sense of individuality and well-being. Additionally, the emphasis on sustainability aligns with the global push towards eco-friendly practices, introducing energy-efficient features and materials that contribute to a more environmentally conscious urban landscape. As the housing industry navigates the complexities of changing societal norms and technological advancements, the redesign of floor plans emerges as a pivotal strategy in crafting residences that stand at the intersection of innovation, practicality, and the pursuit of a harmonious living space for the contemporary dweller.

REFERENCES:

[1]   K. Raynor and L. Coenen, "Business model innovation and scalability in hybrid affordable housing organizations: empirical insights and conceptual reflections from Melbourne, Australia," *J. Hous. Built Environ.*, 2022, doi: 10.1007/s10901-021-09836-x.

[2]   R. A. Sharpe, T. Taylor, L. E. Fleming, K. Morrissey, G. Morris, and R. Wigglesworth, "Making the case for 'whole system' approaches: Integrating public health and housing," *International Journal of Environmental Research and Public Health*. 2018. doi: 10.3390/ijerph15112345.

[3] "ATLDSP_1113 PR."

[4] N. R. Libertun de Duren, "Why there? Developers' rationale for building social housing in the urban periphery in Latin America," *Cities*, 2018, doi: 10.1016/j.cities.2017.10.006.

[5] M. Mohamad, R. S. Yubaidi, S. M. Hussein, R. Ismail, S. M. Isa, and S. N. A. Aziz, "Measuring the low-income earner on housing access in urban areas of Indonesia and Malaysia," *Hasanuddin Law Rev.*, 2021, doi: 10.20956/halrev.v7i2.2876.

[6] A. Ebekozien, A. R. Abdul-Aziz, and M. Jaafar, "Low-cost housing demand-supply gap: Government housing planners perspective on possible solutions," *Int. J. Constr. Manag.*, 2022, doi: 10.1080/15623599.2020.1742627.

[7] N. S. R. K. P. Kethineni and A. Aravindan, "Evaluation and design optimum PPP model for implementation of affordable housing," *Int. J. Recent Technol. Eng.*, 2019.

[8] M. Z. Bin Mohd Noor, "FlexZhouse: New business model for affordable housing in Malaysia," *A+BE Architecture and the Built Environment*. 2017. doi: 10.59490/abe.2017.2.1656.

[9] B. Randolph, L. Troy, V. Milligan, and R. Van Den Nouwelant, "Paying for affordable housing in different market contexts," *AHURI Final Report*. 2018. doi: 10.18408/ahuri-7113301.

[10] N. Kumar, Z. Wang, T. Kubota, Y. Tominaga, and R. Bardhan, "Wind tunnel experiments on ventilation effect of void spaces for low-cost apartments in the tropics," *15th Int. Conf. Wind Eng.*, 2019.

[11] M. Khatibi, "Socio-spatial interactions of a cluster-house concept apartment in mehr als wohnen project in Zurich, Switzerland," *Front. Archit. Res.*, 2022, doi: 10.1016/j.foar.2021.10.002.

[12] H. Yun and S. N. Kim, "Land acquisition methods and housing construction agents for prompt housing supply: A long-term comparative case study of Seoul Metropolitan Area, South Korea," *Habitat Int.*, 2022, doi: 10.1016/j.habitatint.2022.102577.

[13] J. Lee, S. Tae, and R. Kim, "A Study on the analysis of CO_2 emissions of apartment housing in the construction process," *Sustain.*, 2018, doi: 10.3390/su10020365.

[14] S. Kim and S.-A. Lee, "Nonlinear Influence of Apartment Housing Prices Uncertainty on Apartment Jeonse Prices," *Korean Assoc. Hous. Policy Stud.*, 2022, doi 10.24957/hsr.2022.30.4.93.

[15] Sangamesh, M. Faraz, Gagan, Mallinath, M. Aqib, and N. Patil, "Net Zero Energy Apartment," *IOP Conf. Ser. Mater. Sci. Eng.*, 2021, doi: 10.1088/1757-899x/1070/1/012093.

[16] F. S. Hassen, M. Kalla, and H. Dridi, "Using agent-based model and Game Theory to monitor and curb informal houses: A case study of Hassi Bahbah city in Algeria," *Cities*, 2022, doi: 10.1016/j.cities.2022.103617.

[17] J. Rodgers, B. A. Briesacher, R. B. Wallace, I. Kawachi, C. F. Baum, and D. Kim, "County-level housing affordability about risk factors for cardiovascular disease among middle-aged adults: The National Longitudinal Survey of Youths 1979," *Heal. Place*, 2019, doi 10.1016/j.healthplace.2019.102194.

[18] B. Travia and E. Webb, "Can Real Property Law Play a Role in Addressing Housing Vulnerability? The Case of Older Women Experiencing Housing Stress and Homelessness," *Law Context. A Socio-legal J.*, 2018, doi: 10.26826/law-in-context.v33i2.55.

[19] F. C. Hung, Z. A. Hamid, G. H. Beng, C. Raymond, and C. C. Yin, "D3 sustainable homes-an alternative design for high-rise affordable housing in tropical climates," *Malaysian Constr. Res. J.*, 2018.

[20] P. Carnemolla and V. Skinner, "Outcomes Associated with Providing Secure, Stable, and Permanent Housing for People Who Have Been Homeless: An International Scoping Review," *J. Plan. Lit.*, 2021, doi: 10.1177/08854122211012911.

[21] A. H. Zuhairi, G. H. Beng, and F. C. Hung, "Design Revolution for Affordable Housing in Tropical Country," *Proc. CIB World Build. Congr. 2016*, 2016.

CHAPTER 8

A BRIEF DISCUSSION ON MODERN MANSE

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ABSTRACT:

A summary of the work may be found in this abstract. An introduction to the research provides context for examining the dynamics of changing housing patterns in Surat, Gujarat. In particular, it explores the shift from nuclear families to joint families and clarifies the social forces that shaped this change. The growing need for opulent residential units in Surat, which reflects the changing tastes and ambitions of the community, is a central focus of the study. The study also compares modern apartment living to traditional bungalow life, illuminating the variables driving housing decisions in this thriving metropolis. The examination of social, cultural, and regional settings in relation to housing patterns in Surat provides insightful information on how urban life is evolving in this vibrant Indian metropolis.
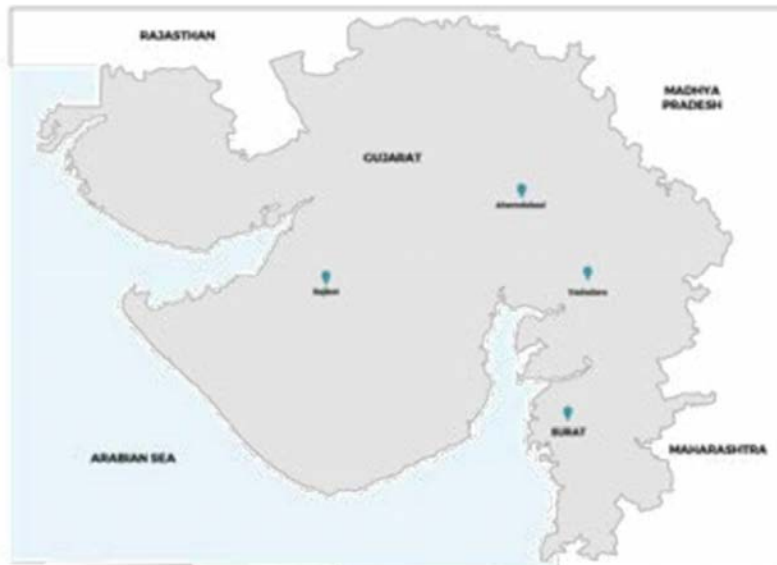
KEYWORDS:

Cultural Shift, Housing Patterns, Luxury Residential Apartments, Nuclear Family, Surat.

1. INTRODUCTION

Gujarat, India's Surat is a city under development. As the biggest seaport, it now holds the top spot as a commercial and economic hub. In addition to having retail centers with clothing and accessory stores, it is well-known for its diamond and textile industries. It is the administrative center of the Surat district and the eighth-largest city and urban agglomeration in India, respectively. Due to immigration from different parts of Gujarat and other Indian states, it is one of the most dynamic cities in the country with one of the quickest rates of development. The city has a rich historical legacy that is just as diverse as its dynamic present. Surat was the location of the first British landings in India [1], [2]. The Dutch and Portuguese also built commercial hubs there. People from all across the nation continue to swarm Surat in search of work and business, upholding the same tradition even now. Owing to the growth of several sectors, the unemployment rate is almost nil, making it simple to find and replace jobs across a range of industries. Surat's population is kind, fashionable, and full of energy, and the city has a diverse range of arts and cultures.

The majority language spoken there is Surati Gujarati, and their distinct way of life is known as Surti Culture. Their culture is sufficiently unique in that it preserves the essential elements of Indian culture. Since people of numerous races and origins have been coming to Surat since ancient times, the city has seen a blending of many customs and civilizations. Although Hindus make up the majority of the population, there are also members of other minority groups living here, including Muslims, Punjabis, and Christians [3], [4]. All of the festivities, nevertheless, are really enthusiastically observed here. Following its independence, Surat saw a significant increase in both trade and industrial activity, particularly in the textile industry. The focus of these operations is on things related to residential projects that have increased the size of the city. Surat has established itself as a significant industrial and economic center for the nation. In Figure 1 shown the Map of Gujarat and Figure 2 shown the Demographics of Surat, Gujarat.

Figure 1: Map of Gujarat.

8th Largest
in India as per population

4th Fastest Growning
city globally

Economic Captial
of Gujarat

9/10 Diamonds in the World
are cut and polished here

40%
of nations total man-made fabric

28%
of nations total man-made fibre

Ranked #4
under the Smart City Mission

Figure 2: Demographics of Surat, Gujarat.

The traditional joint family arrangement is strongly ingrained in Indian society, both structurally and functionally. Cohabitation, which is essential to the growth of the family,

entails sharing duties, expenses, and living quarters among generations of family members. A family is a social structure that is constantly evolving and very malleable [5], [6]. The families began to break apart and become more nuclear in character as a result of these shifting times. Thirteen Among the reasons for the dissolution are:

1. The British brought about industrialization, which profoundly altered Indian social and economic life. People moved from rural to urban regions as a consequence in search of work and a higher quality of life. Geographical movement brought in a new socio-psychological environment that made it harder for conventional joint families to survive.

2. The Indian joint family arrangement has weakened as a consequence of urbanization and industrialization. In the last several decades, the population of our nation has expanded more quickly in urban areas. Urban families exhibit a departure from joint family standards in terms of their behaviors, attitudes, and role assumptions. include women who attempt to limit family connections and pursue more independence in a variety of domains.

3. There are many ways in which education has impacted the joint family structure. People's attitudes, beliefs, values, and ideologies have changed as a result of it. These shifts may be seen in both genders and lead to individualistic views among educated people who emphasize individuality. Over time, kids absorb new lifestyle and thought patterns that are detrimental to the sense of a single family.

4. Enlightenment of Women: Educated Indian women are aware of their rights and their equality with men, and they are influenced by contemporary family life. in using chances for work and education that enable them to achieve their own independence [7], [8]. The joint family arrangement has therefore been negatively impacted by the increasing position of women and their financial independence.

5. The ideas of liberty and equality have led to a variety of perspectives about the influence of Western culture. Individualism and materialism are the third outcome of this. As a consequence, there was a significant shift in the character of communal life and a western impact.

6. Modifications to the Marriage System: Joint family systems have also been impacted by changes in people's attitudes regarding marriage, age flexibility, and freedom in choosing a partner. The patriarchal rule over the family has been eroded as a result.

7. Social Law: A number of laws, including the Hindu Inheritance, Hindu Women's Right to Property Act, Special Marriage Act, Hindu Marriage Act, Hindu Succession Act, and Dowry Restraint Act, have caused a setback to the system. These have changed how people interact with one another and how marital systems are put together.

8. An overabundance of people has put undue strain on both residential and agricultural land. The jobless and impoverished leave their communities in quest of work elsewhere. The families progressively drift apart as a result of their remote locations, and their unity weakens.

9. lodging Issue: The issue with lodging in India is the country's structure. All of the family members of the joint family are compelled to form their own families since a little home in the city cannot accommodate them all.

10. Agrarian society gave rise to joint family arrangements as a result of the decline in agriculture and village industries. Village industries have shut down production as a result of competition, prices, and the quality of the commodities produced declining. As a result, the impoverished craftsmen from rural regions moved to industrial and metropolitan areas in search of work, causing the joint family to fall apart.

11. Extension of Communication and Transportation: In the past, family members shared housing and worked together in commerce and agriculture. However, individuals are

now more mobile and travel to new locations as a result of the quick advancements in communication and transportation. As a result, they also adjust to various locations and the dissolution of the conventional joint family structure.

12. Family Quarrels: The joint family structure has broken down several times as a result of disputes. Breakups have resulted from disagreements about money, property, expenses, uneven labor allocation, and interpersonal conflicts [9], [10]. Because of their size and financial difficulties, joint families might sometimes be mentally unstable. The desire of the younger generation to live apart from their relatives is growing, as shown in the industrial zones and large cities.

2. LITERATURE REVIEW

Waldia and Bhatt assessed how changing house patterns in the rural areas of Uttarakhand's Pithoragarh hills had affected House Sparrow populations. The sample locations were selected to include contemporary concrete homes, mixed (partially concrete), and traditional stone masonry. We recorded the sex ratios, nest density, and dwelling Sparrow density for each dwelling category at different times of the day using the point count technique. The research findings showed that: (i) traditional stone masonry houses had the highest density of House Sparrows and nests; (ii) changes in housing patterns did not significantly affect the sex ratio of House Sparrows; and (iii) changing housing trends in the rural Uttarakhand hills seemed to be a factor in the decline in House Sparrow populations. Comprehensive public awareness and education campaigns, the construction of artificial nest boxes in homes and gardens, and the inclusion of House Sparrows under the Wildlife (Protection) Act (1972) Government of India's protective rules are all examples of proposed conservation strategies [11].

TSarman and Czarnecki investigated the new explanatory opportunities that resulted from the "new mobility paradigm." The goal of this study is to find out whether people who own second homes are more likely to change the way they live either by moving permanently to their second house or by staying put and leading a more flexible lifestyle while utilizing both properties. In order to determine the primary determinants impacting second-home owners' plans to relocate to a vacation area in the future, the research suggests conducting an empirical investigation. Individual observations were gathered by means of a survey sent to owners of second homes in the Lake Maggiore area in Southern Switzerland. According to the research, most owners of second houses would rather keep their existing flexible living arrangements and benefit from having two properties than make a permanent transfer. The research also emphasizes how important owners' sociodemographic and psychological traits are in explaining people's plans for future housing, in addition to the objective and subjective aspects of the host community [12].

Al-Shawamreh and Farhan studied the Amman Area's fast urbanization and population increase in the early 1950s, seeing the corresponding depletion of land resources. Alongside the creation of a variety of urban public open spaces, this urban growth resulted in a loss of natural resources and green areas. Apartment residents' social and behavioral patterns changed when they moved from large single-family houses to small residential flats. As a result, a growing private sector was created to meet the need for public and social areas. Using satellite images and photo-interpretation, the research tracked and described changes in land cover/use in the Amman region between 1953 and 2017. While instances of newly established socio-economic open spaces were mapped using GIS, changes between 1986 and 2017 were identified using the Maximum Likelihood Classification approach. Residential segregation and socioeconomic inequality have been made worse over the last 20 years by the government's neo-liberal privatization policies and overdevelopment of cities. The admission of a "tale of

two cities" or a "two Ammans" paradigm has arisen from the confinement of accessibility to large open areas within the same urban fabric, rather than fostering outdoor activities and social connections for all people of Amman [13].

Quan used a binary framework, in which the state and the market are compared as opposing entities, to approach the discussion of the state and market in the literature that already exists. Rather from impeding marketization, the Chinese government actually plays a part in accelerating it. Under these circumstances, the state acts as a driver of marketization, acting as the market's creator. In turn, the Chinese experience has created hitherto unheard-of chances for institutional innovation. The study looks at how changes in institutional decisions and structural changes reflect how different players in the housing system are changing and how this causes changes in the patterns of housing investment. In particular, this research explores the dynamic changes in roles that different entities the state, families, and labor units play in influencing the patterns of housing investment [14].

In their analysis of China's urban housing reform during the last three decades, *Fang et al.* [15] followed the change in housing availability from a communist administrative allocation system to one centered on market-driven development and consumption. A great deal of study has been done to look at the geographical and socioeconomic effects of these big shifts. The focus of this study is the research on housing inequality in China; more specifically, it explores changes in origins, geographical distributions, and policy responses in the last several years. In the midst of significant urbanization, the research highlights the unique features of China's transitional economy and shows how institutional changes toward a state-led market economy have further exacerbated housing disparities, which have their roots in socialist traditions.

3. DISCUSSION

As can be seen, residential projects have been contributing to Surat's urban boundary growth. This is an example of urbanization, which is defined as an increase in the size and density of urban areas. Urban areas have often outgrown their horizontal growth patterns, which means that a careful balance between horizontal and vertical urban development is required. As of 2016, Surat has more than 1500 tall buildings, and its entire land area, divided into Seven Zones, is 326.515 square kilometers [16], [17]. Situated on the banks of the Tapi River, close to the Arabian Sea in South Gujarat, the city is showing an increasing emphasis on vertical growth. Residential complexes and recreational facilities are now undergoing significant development in the Seven Zones Central, North, East, South East, South, South-West, and West especially in the South-West and West Zones.

Building of high-end apartments has surged in Surat in response to increased demand, particularly in these growing zones. This demand is being driven by the location's closeness to the airport, schools, theaters, shopping centers, scientific centers, and other leisure areas. Because of this, land costs in certain areas have increased to keep up with the growing demand for luxurious high-rise structures [18], [19]. Important elements such architectural shape, ownership, floor space to income ratio, and land value are considered when evaluating a structure's opulence. Examining specifications means assessing the builder's track record, the building materials and techniques used, the location, the aesthetic appeal, the security features, the fire safety, the size and arrangement of the rooms, the ventilation, the water supply, the parking facilities, and the interior design (as shown in Figure 3). This in-depth analysis seeks to identify the many factors affecting how opulent Surat's buildings are.

Bungalow

It is a detached property surrounded by a garden, back space, servant quarters, etc.

It is a symbol that represents high status of a person.

It can be meant for a joint or a single family units and have multiple floors.

Depending upon requriements, any area of the house can be remodelled to serve a purpose.

**Traditional Living Space
Private Swimming Pools
Landscaped Surrounding
Greens and Terraces
Double - Height Partitions
Private Elevators
Sun Decks
Servant Quarters
Recreational Rooms / Space**

Apartment

It is a space in a multi-unit building.

These can cater to the housing needs of people belonging to any income groups.

Largely meant for single family units.

Depending upon number of rooms and common areas, they belong to a category.

**Bedroom and Bathroom,
Living, Kitchen, Dinning
and Balcony**

**Builder Flats
Multi-Storey
Row House
Penthouse**

Figure 3: Comparision of Bungalow and Apartments in Surat, Gujarat.

3.1. *Traditional Gujarati Home Elements:*

Gujarat is a western Indian state with a rich cultural legacy that is profoundly evident in its traditional housing. The distinctive fusion of architectural features, aesthetics, and customs that have been handed down over the years may be seen in traditional Gujarati dwellings. The use of vivid colors is one distinguishing aspect; red, yellow, and green are often used to decorate dwellings. These hues have cultural meaning as well as being visually vibrant, denoting luck, wealth, and happiness. Traditional Gujarati houses have a courtyard-centric arrangement in their architectural style. The "chowk" or "ots," the central courtyard encircled by a variety of rooms, is the hub of the house. The family may enjoy a private outdoor area and easy access to natural ventilation thanks to this design. The courtyard often has elaborate decorations that showcase Gujarati artistry. The unique attractiveness of these dwellings is enhanced by decorative features like intricately carved wooden pillars, jharokhas, or overhanging covered balconies, and elaborate doors.

Narrow alleyways, or "Vithi," are another important feature of traditional Gujarati dwellings. The dwellings are grouped together along the short streets, which promotes social interactions and a feeling of community. The roofs of the houses are usually sloped, which aids in diverting rainfall into wells or storage tanks. The community's inventiveness in adjusting to the local climate is reflected in this sustainable design [20]. Moreover, ornately designed fabrics and furnishings are also seen within traditional Gujarati households. Wooden furniture, including elaborately carved tables and chairs, displays the talent of regional craftspeople. Upholstery, bedspreads, and curtains are often made from textiles like bandhani and patola silk, which are prized for their elaborate weaving and tie-and-dye methods. These textiles provide interior spaces a hint of cultural richness.

Gujarati traditional households are renowned for their hospitality in terms of cultural customs. Deeply rooted is the idea that "Atithi Devo Bhava" (the visitor is God), and houses are built to

welcome guests with open arms. Gujarati homes are deeply ingrained with customs, holidays, and religious activities. Specific areas are set aside for prayer and ceremonies. Gujarat's rich legacy is reflected in the distinctive and hospitable living spaces that are created by the harmonic blending of colorful aesthetics, practical design, and cultural values seen in traditional Gujarati houses.

3.2. Amalgamation of Western Influences in Surat, Gujarat:

Gujarat, India's Surat has seen a significant blending of Western influences that has permanently altered the city's social, cultural, and economic environment. The city's development and way of life are especially clear examples of this blending of Eastern and Western components. Globalization has acted as a catalyst for Surat's transformation into a melting pot where Western concepts and traditional Indian traditions blend together to create a distinctive and vibrant social fabric. In Surat, one of the most obvious effects of Western influences is seen in the architecture and urban planning. Today's skyscrapers, malls, and modern infrastructure, all characterized by Western design ideas, adorn the cityscape. The skyline has changed due to the inflow of Western architectural styles, which has helped create a cosmopolitan atmosphere reminiscent of worldwide capitals.

The blending of cultures is reflected in the way people live in Surat. The local scene now includes Western entertainment, music, and fashion trends as essential components. Particularly the younger generation embraces a fusion of Western and traditional clothing, resulting in a look that is both exclusive to Surat and representative of larger global influences. Local art and entertainment sectors have been influenced by Western music genres and entertainment forms that have found an open audience. From an economic perspective, Surat's rise to prominence has been largely attributed to the incorporation of Western corporate methods. The city has welcomed international commerce, and local businesses have adopted Western business practices, which has enhanced economic success. The integration of Western technology and management methodologies has resulted in increased efficacy and competitiveness in several industries.

This combination is not without its difficulties and complications, however. Western influences have boosted the economy and increased cultural variety, but they have also sparked concerns about the preservation of traditional values and the possible loss of indigenous cultural identities. In Surat, discussions on how to preserve local history while accepting global influences are still ongoing. The blending of Western influences in Surat, Gujarat, is a complex transition affecting several facets of the city's culture, economics, and urbanization. Due to this fusion, Surat has been known as a vibrant city that skillfully combines the finest aspects of both cultures, exhibiting a diversity of cultures influenced by the meeting of Eastern and Western components. The future course of the city will surely be greatly influenced by its capacity to manage and benefit from this merger.

3.3. Consumerism: A State of Mind

Many people consider consumerism to be more than simply an economic phenomenon, a firmly held worldview, or even the act of purchasing goods and services. At its core, consumerism is a reflection of a society that places a high value on obtaining and using material commodities to fulfill needs and fulfill social obligations as well as to identify with oneself. Those who have this mentality are prone to a cycle of desire and acquisition, in which the possession of goods is connected to one's status and general well-being. This psychological side of consumerism is fueled by societal norms, constant novelty seeking, and advertising all over the place. It produces a mindset where a person's value is often based on how much material possessions they own.

Furthermore, consumerism affects not only individual opinions but also societal values and cultural norms. In a consumerist worldview, success and happiness are often defined by the amount of possessions, which adds to a culture that prioritizes financial wealth above other facets of the human experience. This societal mindset has the ability to delay environmental degradation as resource exploitation and waste production are driven by an insatiable need for goods. Furthermore, as individuals are always seeking for the next item to fill a perceived vacuum in their life, their persistent pursuit for greater and newer possessions may cause them to become unhappy. In Figure 4 shown the Users' Circle of Consumerism.
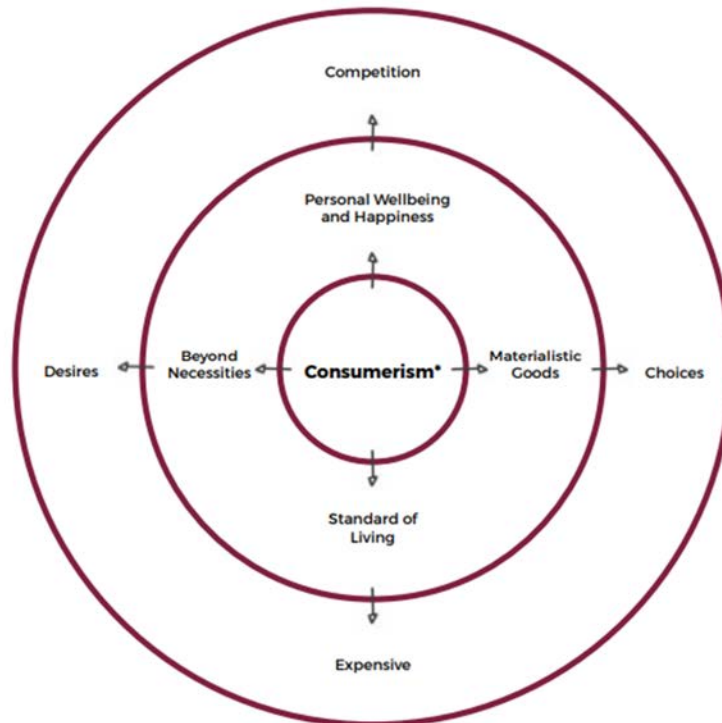
Figure 4: Users' Circle of Consumerism.

The underlying assumptions of consumerism need to be critically analyzed in light of its consequences on both societal and individual well-being. People have the opportunity to reconsider their values as they grapple with the consequences of this way of thinking, placing a higher priority on genuine connections, life experiences, and sustainability than on the never-ending pursuit of material possessions. Changing the consumerist mindset promotes a more considered, balanced approach to consumption that considers the larger impact on both personal satisfaction and global well-being. This calls for both personal reflection and a group reassessment of societal objectives.

4. CONCLUSION

In summary, the analysis of the geographical, cultural, and social environment of Surat, Gujarat, indicates a city experiencing notable changes in its housing stock. One major aspect driving up demand for premium residential flats is the shift from joint to nuclear family formations. This development has significant ramifications for the real estate market in addition to signifying changes in social institutions. Modern flats and traditional bungalows are contrasted to show how tastes and lifestyle choices are changing and how tradition and modernity are intricately intertwined. As Surat undergoes these changes, the need for luxury apartments becomes apparent as being closely related to the socio-cultural makeup of the city,

where convenience, contemporary conveniences, and changing status perceptions all play a role in the appeal of vertical living areas. Developers, policymakers, and stakeholders can benefit greatly from this analysis, which highlights the dynamic interconnections within Surat's socio-cultural framework and emphasizes the need for the real estate industry to navigate these shifts with an understanding of the rich regional and cultural nuances of the city.

REFERENCES

[1]   R. G. Marín, J. M. S. Martínez, en C. E. Marín, "The property sector in Spain. Evolutionary analysis, current problems and difficulties for its development", *Cuad. Geogr.*, 2020, doi: 10.30827/cuadgeo.v59i1.7976.

[2]   L. V. L. Doan en H. N. Le, "A GIS Approach to Identifying Locally the Spatial Migration Patterns and Interactions between Housing Market Areas in Greater Manchester", *Appl. Spat. Anal. Policy*, 2023, doi: 10.1007/s12061-022-09483-x.

[3]   P. Şahin, "Urban Development Processes and the Changing Housing Patterns in Istanbul: The Case of Fulya Neighborhood", in *Scales, Thresholds and Dilemmas of Housing Transformations in Istanbul*, 2022.

[4]   J. Adianto, R. T. Gabe, en N. Octavia, "Quasi-bridgeheaders: an alternative intra-migration stage for renters in Kampung Muka, Jakarta", *Hous. Stud.*, 2023, doi: 10.1080/02673037.2021.1887457.

[5]   P. Monkkonen, "Do mexican cities sprawl? Housing-finance reform and changing patterns of Urban growth", *Urban Geogr.*, 2011, doi: 10.2747/0272-3638.32.3.406.

[6]   F. Andriani, A. Dinapradipta, en F. T. B. Samodra, "Validation of CFD Simulation for Wind Velocity Measurement in High-Rise Apartment Buildings in Surabaya", *J. Tek. ITS*, 2019, doi: 10.12962/j23373539.v8i2.49672.

[7]   J. Pynoos en P. Liebig, "Changing work, retirement, and housing patterns", *Generations*, 2009.

[8]   S. B. Villa, P. B. Vasconcellos, K. C. R. DE BORTOLI, en L. B. DE ARAUJO, "Lack of adaptability in Brazilian social housing: impacts on residents", *Build. Cities*, 2022, doi: 10.5334/bc.180.

[9]   C. Hochstenbach en R. Arundel, "The unequal geography of declining young adult homeownership: Divides across age, class, and space", *Trans. Inst. Br. Geogr.*, 2021, doi: 10.1111/tran.12466.

[10]   W. Jang en X. Yao, "Tracking Ethnically Divided Commuting Patterns Over Time: A Case Study of Atlanta", *Prof. Geogr.*, 2014, doi: 10.1080/00330124.2013.784952.

[11]   R. Waldia en J. P. Bhatt, "Impacts of the Changing Housing Patterns on The Populations of House Sparrow Passer domesticus (Passeriformes: Passeridae) in the Rural Hills of Uttarakhand: A Case Study", *Ecol. Environ. Conserv.*, 2022, doi: 10.53550/eec.2022.v28i02s.028.

[12]   I. Sarman en A. Czarnecki, "Swiss second-home owners' intentions of changing housing patterns", *Morav. Geogr. Reports*, 2020, doi: 10.2478/mgr-2020-0015.

[13]   Y. Farhan en S. Al-Shawamreh, "Impact of Rapid Urbanization and Changing Housing Patterns on Urban Open Public Spaces of Amman, Jordan: A GIS and RS Perspective", *J. Environ. Prot. (Irvine,. Calif).*, 2019, doi: 10.4236/jep.2019.101005.

[14] Z. X. Quan, "Institutional transformation and marketisation: The changing patterns of housing investment in urban China", *Habitat Int.*, 2006, doi: 10.1016/j.habitatint.2004.02.008.

[15] Y. Fang, Z. Liu, en Y. Chen, "Housing Inequality in Urban China: Theoretical Debates, Empirical Evidences, and Future Directions", *J. Plan. Lit.*, 2020, doi: 10.1177/0885412219880898.

[16] E. Baker, L. Lester, A. Beer, en R. Bentley, "An Australian geography of unhealthy housing", *Geogr. Res.*, 2019, doi: 10.1111/1745-5871.12326.

[17] Y. Huang, D. Yi, en W. A. V. Clark, "A homeownership paradox: why do Chinese homeowners rent the housing they live in?", *Hous. Stud.*, 2021, doi: 10.1080/02673037.2020.1793916.

[18] C. FORSTER, "The Challenge of Change: Australian Cities and Urban Planning in the New Millennium", *Geogr. Res.*, 2006, doi: 10.1111/j.1745-5871.2006.00374.x.

[19] S. Carrasco en D. O'Brien, "Re-thinking Elemental's incremental housing: Residential Satisfaction and resident-driven adaptations in Villa Verde, Chile", *Urbe*, 2022, doi: 10.1590/2175-3369.014.e20210171.

[20] M. ur Rashid, "THE CHANGING PATTERNS OF RURAL HOUSE FORM IN FLOATING AND PERMANENT HOUSEHOLDS IN SIRAJGANJ", *J. TODAY'S IDEAS - TOMORROW'S Technol.*, 2015, doi: 10.15415/jotitt.2015.31001.

CHAPTER 9

REVE: A BOUTIQUE HOTEL IN ALIBAUG

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ABSTRACT:

The hotel business is changing quickly, and boutique hotels are becoming more important in catering to the unique needs of their patrons. These more intimate venues, renowned for their genuine atmosphere, often combine local customs to create immersive experiences that combine coziness and subtle elegance.

Travelers regularly are changing the hospitality scene by choosing one-of-a-kind experiences over lavish lodging due to their changing tastes. The goal of this study is to rethink the boutique hotel experience such that it goes beyond simple lodging and considers these areas as hubs for interactions between visitors and their environment.

Offering unique, engaging experiences is the aim, differentiating boutique hotels from uniform chains. The social and interactive elements of a hotel go well beyond rooms and are crucial to overall guest happiness.

In a market full of options, the difficulty is to satisfy a wide range of visitor expectations while maintaining uniqueness, intimacy, and authenticity. Boutique hotels seek to provide each visitor with a thorough and distinctive stay by investigating how physical space, architectural aspects, and services all contribute to user experience.

KEYWORDS:

Alibaug Destination, Boutique Hotel, Traveler Preferences, Hospitality Industry, Leisure Travel.

1. INTRODUCTION

One aspect of the service sector is hospitality. It covers a wide range of industries and is mostly concerned with attending to visitor demands and customer satisfaction. Dealing with matters like housing, facilities, and travel plans can help with this. In the hospitality sector, accommodations essentially refer to the guest's lodging and the facilities offered to them. Every place, from luxurious homes to affordable motels and hostels, is designed to meet your specific requirements.

One may argue that lodgings are the true foundation of the hospitality industry, and as such, management will give them a substantial amount of importance. The hospitality sector is always changing. For too long, hotels thought that showing up with a bed and a TV was the extent of their hospitality [1], [2].

However, during the last ten years, several developments have resulted in a complete reimagining of that concept. First, there was the rise of peer-to-peer short-term rentals, which allowed anybody to quickly establish a company or personal brand with only a few images. These services marked the largest creative breakthrough in hospitality history and gave rise to a new generation of entrepreneurs who are expected to become an almost unstoppable force in the economy. The "experience era" of hospitality services has begun, as shown by this inventory category.

Nowadays, a growing number of tourists seek locations that match (or accommodate) their particular travel goals and choose unique experiences above opulence. The growing desire for experiences, authenticity, and health among travelers is what is fueling the explosive expansion of boutique hotels.

Consumers expect their hotel experiences to extend to their travels. This requires significantly more personalization and authenticity than what a commercial hotel would normally provide [3], [4]. It also necessitates some alignment and consistency while using the sharing economy. A separate, equally luxurious experience is provided by boutique hotels, which are more tailored to each guest's needs and provide a very special, one-on-one encounter.

While making ground on extended-stay hotels, boutique hotels are seeing greater supply growth than luxury hotels. The hotel industry's two fastest-growing sectors are these two kinds of hotels.

There is overwhelming evidence supporting the shift to "experience-first travel," including consumer spending, the merging of business and leisure travel, and the rise of experience-focused markets. Hospitality companies must strike the correct balance between automated solutions and human engagement to provide visitors in a much more connected manner. For a generation of visitors seeking the unusual, experiences have replaced tangible objects as the new luxury [5], [6].

According to Madelin Tomelty of Luxury Travel Mag, "this desire for novelty is driving the growth of home sharing sites like Airbnb and the demand among tour operators to push the boundaries of a traditional hotel stay, whether it's a treehouse or a monastery, an igloo in Norway, a tent in the Moroccan desert, or a bubble in the Maldives."Not only is luxury travel evolving quickly, but it is also expanding quite quickly.

Research conducted by AMADEUS predicts that over the next five years, the increase in luxury hospitality will be 6.2%, while the growth in travel overall will be 4.8%. Major businesses will begin to concentrate more on the surroundings of the building rather than the structure itself as they expand and launch their experiential services.

As "lifestyle hotels" continue to gain popularity, a sizable number of buildings will still be created with an emphasis on interior design, despite the change from 5-star hotels to 5-star districts.

Examples of this "anti-hotel" strategy include the Moxy by Marriot, the MGallery by Acacor, and the Voco by InterContinental. In the end, contemporary luxury travelers want a unique experience every time.

As illustrated in Figure 1, a boutique hotel is a small, cozy establishment with a chic design and decor that usually has between 10 and 100 rooms in a distinctive setting. It stands out from other hotel brands by offering guests ultra-personalized service and accommodations. Typically, they have a keen sense of aesthetics, put a lot of emphasis on design, and build a world of experiences for visitors to make their stay more than simply a place to rest but an exciting addition to their journey [7], [8].

Boutique and lifestyle hotels provide more opportunities to elicit good feelings and experiences, which may increase customer loyalty since they are often smaller in size and focus their services on individual visitors rather than huge groups. Boutique hotels are typically run individually, but more and more big hotel chains are making an effort and succeeding in entering the boutique hotel market.
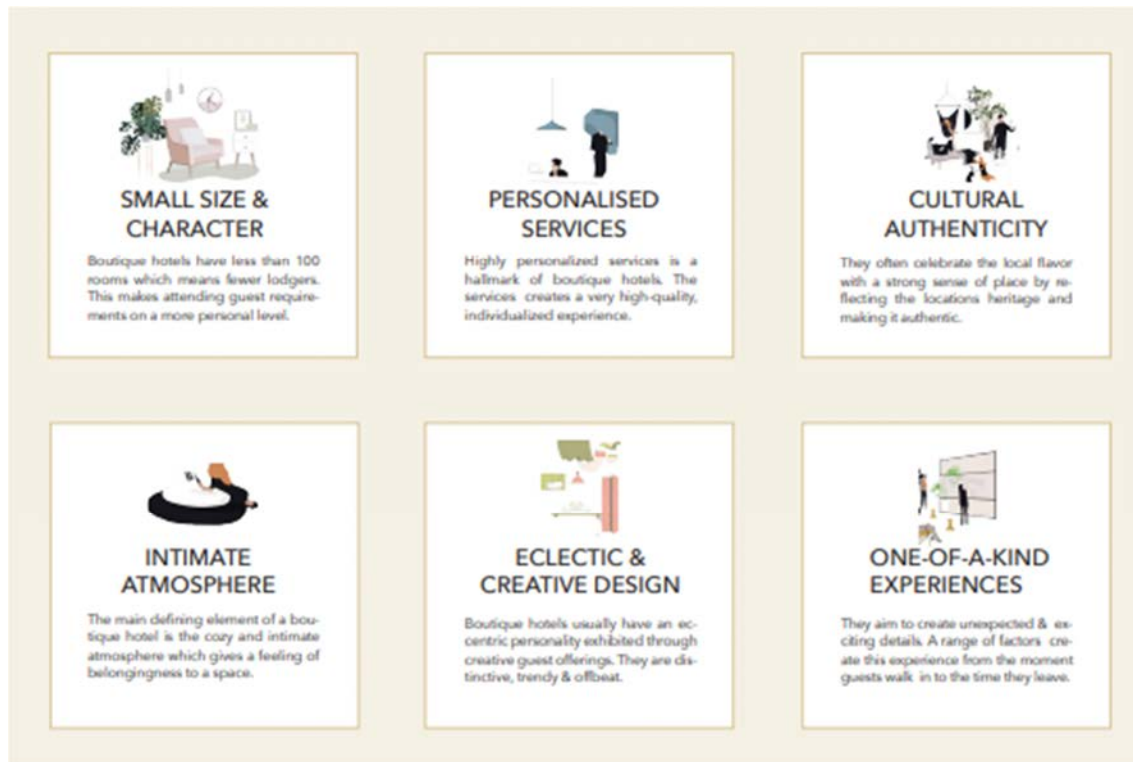
Figure 1: Characteristics of Boutique hotel.

They are distinguished by their unique style and cozy environment. Their dining establishments, like everything else about boutique hotels, are often cool, and contemporary, and include food from the area. These eating and drinking establishments are well-liked by both residents and visitors due to their excellent, genuine food and cozy cocktail bars. Boutique hotels' ambition to stand out from the crowd is evident in their meticulous attention to detail and high value placed on design [9], [10]. Most boutique hotels use their expertise in design and culture to give their premises a unique personality to stand out from the crowd.

Since chain hotel companies are always launching new brands and boutique hotels are becoming the "it" thing, I think there is an increasing chance that independent businesses will be able to utilize their resources. With the increased connectivity of our globe, no idea or invention is beyond of reach. Every room has a concierge, there's a well-known fitness center, and there's a lobby shop. All this represents is the beginning of the boutique revival. Maintain an open mind and an attentive ear. For Boutique, the future seems promising.

1.1. Leisure & Travel:

Leisure travel is a kind of travel when the main reason for going is to escape daily life. It is often defined as lodging at hotels or resorts, unwinding on the beach or in a room, taking guided excursions, and visiting nearby tourist destinations. Beyond just being a holiday, leisure travel may take many other forms. A leisure traveler may work on a proposal for her return home, meet someone for business in a pub, or pick up new business. It's leisure travel if the holiday is still the primary emphasis. One of the most often stated passions is travel, and it may take many different forms. It's about enjoyment and thrills, about leisure and repose, and about whatever they want it to be about [11], [12]. Leisure travel offers a lot of advantages. Taking a break from a hectic schedule may allow individuals to relax and let go of tension, allowing them to return to their regular lives and careers feeling revitalized and invigorated.

Additionally, it may provide individuals with the chance to see previously unexplored regions of the globe, expanding their perspective on life as a whole. Leisure travel allows individuals the time and space they need to create those relationships. Traveling may be a great opportunity to meet new people and form new connections.

2. LITERATURE REVIEW

Chowdhury et al.'s purpose of this research is to present India's position in the changing global tourism scene as well as the newest travel patterns among younger travelers. In particular, attention is drawn to the leisure-focused and internet-based tourism industries, in which India is a major player in shaping national and international policy. To do a comparative analysis of India's competitiveness in key tourist sector categories, the authors have used open-source government data along with data analysis from top consultancies, economic forums, and tourism organizations. The research tackles new issues in travel, including hotel reservations, travel alone, sports tourism, ecotourism, travel-based experiential learning, and media engagement. The study presents the potential of Indian tourism in the world market, emphasizing the allure of the country's many cultural, gastronomic, and scenic attractions in addition to its medical tourism potential. Indian tourists' tastes are changing dramatically, as seen by recent trends, which show a rise in popularity for adventure sports, boutique hotels, homestays, solo travel, girls-only travel, and experiential travel. These developments, which include trip booking, auto rentals, taxi services, social media travel groups, and YouTube tourist vlog channels, mark a new economic frontier for the hospitality sector [13].

Ahmad et al. noted that since Conrad Hilton bought his first hotel in 1919, the American hospitality industry has seen tremendous change. Now that there are well-known corporate chains, affordable motels, and boutique accommodations, there is a wide range of options to suit a wide range of visitor interests. For towns and cities that depend on tourism, the hotel sector is essential to producing long-term income. This symbiotic link between accommodation and the general economy, in which lodging drives tourist development while being impacted by the latter, emphasizes how critical it is to understand the current situation of the sector. This analysis provides a summary of the hotel industry, including important external and internal aspects, as well as present and upcoming developments [14].

Kim et al. set out to look at how customers use social media for travel-related reasons. After reviewing relevant literature, they carried out a quantitative investigation. An online questionnaire was used to collect primary data, and statistical software was used to analyze the findings. The respondents used social media extensively in their everyday lives (>96%) and for travel-related purposes (95%). In addition to thorough use analysis, the project included creating a model to determine what variables affect people's use of social media for travel-related reasons. It's crucial to remember that the online questionnaire approach included a possible bias by restricting replies to those with internet access. Furthermore, the non-random sample approach was limited to individuals from Turkey, which made extrapolation difficult, particularly to markets with different cultural traits. Notwithstanding these drawbacks, scholars and professionals looking to learn more about how Web 2.0 and social media affect customers may find great value in the study's conclusions. In recent times, social media use has become a prominent trend impacting consumer behavior and tourist marketing. Consequently, it is important to have a thorough comprehension of these advancements and their possible implications for the dissemination and availability of travel-related data [15].

Tinakhat explored boutique hotels, characterized by their smaller scale and non-affiliation, typically with 50 rooms or fewer, and are known for their distinctive modern design, unique culture, and personalized service. This research aimed to investigate the marketing strategies

employed by boutique hotels in Phuket during the green or low season, marked by reduced tourist influx and a significant decline in tourism-related revenue. Using a qualitative methodology, the study conducted in-depth interviews with 20 owners and general managers of boutique hotels in Phuket, identified through a snowball technique. Analysis of the gathered data unveiled that boutique hotels in Phuket predominantly focus on promotions as a key element of their marketing strategies during the green season. Subsequently, emphasis is placed on price, process, product, people, physical evidence, and location, in that order. To execute these strategies, hotels leverage their association with online travel agents (OTAs) to launch promotions, along with utilizing their sales representatives and official websites. Additionally, some hotels establish collaborations with corporate entities, offering specialized packages for meetings, travel incentives, conventions, and exhibitions (MICE), albeit with a limitation on small groups of up to 50 individuals. This approach contributes to bolstering the hotel's income during the green season, with some establishments utilizing this period for property renovations and enhancements in preparation for the upcoming high season [16].

Quadri-Felitti et al. discussed that in the US accommodation market, boutique and lifestyle hotels are becoming more and more popular. Scholars generally agree that there is a lack of a precise meaning for the phrases "boutique hotel" and "lifestyle hotel," despite this growing tendency. Moreover, the majority of the studies that have been done so far have focused on how industry professionals see these forms of accommodations, largely ignoring the perspectives of hotel customers. This research examines the variables driving demand for boutique and lifestyle hotels, taking into account both push and pull factors, to shed light on how travelers distinguish between the two types of housing. A study with a focus on hotel guests yielded 252 valid answers. The survey found that a significant percentage of participants knew very little or nothing about these words. On the other hand, regular travelers said that they were aware of both categories and that they intended to utilize them in the future. The results show that boutique and lifestyle hotels are not seen as interchangeable by customers. In actuality, customers have different expectations for every category of lodging, and these expectations change as more people use these services. The marketers and developers of hotels should take note of these observations [17].

3. DISCUSSION

On their trips, the travelers want to connect with nature and mankind, reflect on their growth, and come home with a wealth of memories. Hotels are helping them in their endeavor. Since certain life-changing events are destination-specific, the idea that money should be spent on experiences rather than tangible belongings is especially pertinent to the travel and tourism sector. The experience economy is the term used to describe this generation of travelers. Shareability has played a significant role in the experience economy's growth. Hotel companies are finding that social media provides useful information about the experiences that prospective guests are looking for. 52% of Facebook users claim that their friends' images motivate them to plan a vacation, while the majority of millennials believe that social media has affected their travel plans. People are aware of the "Instagrammable" areas. Not only do these tourists hope for an amazing trip, but they are also conscious of their carbon impact and want to reduce it whenever possible [18], [19]. They plan to start by making reservations at hotels that share their ideals. In addition to their desire for adventurous, immersive travel, modern travelers also prioritize authenticity when making decisions. Travelers may get a greater sense of what it's like to live there by experiencing the local cuisine, entertainment, and culture. As guests' expectations rise, hotels are presented with more chances to provide outstanding service. One of the many new developments in the business that hospitality workers may take advantage of is the growth of the experience economy.

3.1.Factors that influence the hotel choosing criteria of these travellers:

Numerous variables impact the prediction of hotel choices made by customers. There are several factors that tourists consider before making a hotel reservation.

1. Value for money: Travelers want to get the most for their money, just like customers in other businesses. For any property to remain competitive with other hotels that customers are evaluating, a suitable pricing plan is essential.

2. Place (closeness): Travelers should be aware of what is close by, even if some accommodations are much closer to well-known monuments and attractions than others. You may help them make decisions by providing details and photos regarding the accessibility of these locations from your hotel on your brand website and via other means.

3. Local experience (neighborhood): Customers are interested in learning about the area that their hotel is located in. Emphasizing the neighborhood's advantages might assist prospective tenants in getting a better impression of the area.

4. Lodging kind: Appealing to the particular traveler who is seeking your lodging type can go a long way to influence their decision-making, even if you can't please everyone. When a customer is making a choice, providing details can help you stand out from the competition among hotels. They are more likely to reserve a room the more information they have.

5. Booking simplicity and dependability: A smooth and rapid booking procedure may distinguish one lodging option from another. Booking should be straightforward to complete the sale, especially after all of the work that goes into persuading them to reserve a stay at your hotel.

6. Testimonies / Evaluations: Because of the competition, an end-user in the modern age of technology has an infinite number of possibilities. Customers verify these standards before selecting a specific hotel by looking at recommendations, reviews, ratings, previous experiences, costs, textual descriptions, and photos. Since the hotel administration has no direct influence over the reviews and testimonials, the reviews posted on various travel websites are completely honest and transparent.

7. Accessibility is a very significant component. Customers examine the efficient transportation available from the hotel. The hotel must provide shuttle services to the main locations, which include tourist attractions, retail centers, train stations, and airports. Additionally, there must be regular taxi services and public transportation close to the hotel. The inability to get quick transportation is incredibly inconvenient and might make your trip experience quite unpleasant. making trip arrangements and selecting hotels by looking up locations on internet maps.

3.2.Guest Experience in Boutique Hotels:

The term "customer experience" describes how customers feel about a company or brand and how it responds to their requirements and expectations. These insights affect how they behave toward the hotel, the memories they have of it, and how they feel about the industry. This implies that a satisfied consumer may turn a one-time customer into a steadfastly devoted one. In today's fiercely competitive market, it is even more important to make sure that customers have a favorable experience.

3.3. What does guest experience mean in Boutique hotels?

The cornerstone of any boutique hotel that sets them apart from all the large brand hotels is the quality of the experience. The idea that this particular hotel is unique and unlike anything else in the world is what draws people to boutique hotels. This personalized quality permeates not just the décor and furnishings but also the kind of service you can anticipate from a boutique hotel. Boutique hotels prioritize staying ahead of customer attitudes and trends. In response to this trend, hotels are emphasizing that their visitors should feel like special people rather than just numbers in a booking ledger. Hotels are designing as many different guest experiences as there are visitors by identifying and satisfying each guest's unique tastes and whims, as well as by fostering intimate connections with staff [20], [21]. The owners of boutique hotels aren't in the business of selling "good enough"; rather, they provide experiences that are unique and unforgettable. The days of offering generic, mass-produced hotel experiences are long gone.

Expectations from guests are always changing. Personalized encounters that resonate with guests are remembered. A visitor's experience may be influenced by several things, including the hotel's location, amenities, and cuisine and gastronomy. A guest's stay at a hotel is only deemed successful when she is sufficiently happy, benefiting both the hotel and herself. A satisfied customer may convert a one-time customer into a steadfastly devoted one. The three primary components of a hotel's business are guests, revenue, and reputation can all be lost if a guest is not satisfied.

Nearly all big hotel chains have included a boutique hotel brand in their portfolio as these establishments grow and market their own identities and services. To include unique elements in their design and experience, several hotels are working with chefs, designers, and artists. These hotels also aim to attract locals by fostering a sense of community via lively social events, acting as the best places for locals to hang out, and mingling guests and locals to create an atmosphere more akin to a neighborhood coffee shop than a hotel lobby. Hotel technology companies are looking for ways to customize every aspect of the visitor experience, from their ideal hotel requirements to their favorite foods and tunes. In addition, a lot of hotels have already developed applications that allow users to check in and out as well as see their future preferences.

The primary emphasis points of the design are the five primary user intents that shape their experiences and dictate what kinds of factors need to be taken into account. The task mode encourages guests to concentrate on a specific job by providing cooperative activities similar to the hotel's culinary programs. In contrast, the social mode emphasizes how the attendees connect at some point in an interactive setting. While the exploration mode will concentrate on creating a multipurpose area where visitors may do whatever they want, the entertainment mode will offer programs for leisure and amusement. When combined, all of these provide users with a sense of purpose and motivation while also opening doors for personal development. The visitors' desire will be satisfied by offering them an experience that is focused on the location in addition to a few other things.

The transformation of a vacation house in Alibaug into a ten-room boutique hotel opens up a conversation between the colonial and contemporary interior design styles. Alibaug is a coastal town with an abundance of beaches and tourist attractions, making it the ideal destination for anybody searching for some peace for a weekend escape. These travelers may get the precise experience they are looking for in boutique hotels. With its peaceful beaches and natural surroundings, the city of Alibaug is a wonderfully tranquil and relaxing area in and of itself. a layout that maximizes views, seclusion, and comfort while accommodating different user types to provide a sense of leisure and relaxation. The hotel offers three various types of rooms, each

of which suits a distinct experience for distinct personalities. The hotel offers an exclusive stargazing experience, both privately in its suites and publicly. It was inspired by Alibaug, a well-known location for camping and stargazing. The hotel also offers a variety of passive and active leisure activities, allowing guests to indulge and transform themselves. Each room will include a tablet to run the "Starwalk Application," which offers an interactive sky map and is a simple-to-use tool for locating and identifying stars, planets, constellations, and other celestial bodies. The act of stargazing has the potential to stimulate creativity and imagination, reduce stress and elevate happiness, generate enduring memories, and establish a feeling of location. The hotel's other suite category focuses on giving visitors a tranquil and private setting via sensory experiences, which are represented in the items, materials, and colors used. It also includes a private garden area that is all-inclusive.

For creative workers seeking an informal, intriguing, and unique atmosphere while stargazing, there is a third kind of accommodation available. The hotel's backyard offers its visitors a multipurpose and social area with a live kitchen, a vegetable garden, a bar, a low sitting area with hammocks and teepees, and a yoga pavilion that doubles as a movie theater at night. This area showcases a unique collection of "Campaign furniture," which was utilized for outdoor camping during colonial times. It may be utilized as a perfectly tranquil area during the day where visitors can simply take a book, swing by the hammocks, and enjoy; at night, however, it transforms into a livelier and more ambient area perfect for astronomy. The hotel's pool area serves as the gathering point for guests, where the sun and water combine to provide an inviting space for visitors to read a book, enjoy the weather, and sip beverages. Working together with Alibaug's local cooks for cooking demonstrations meant to take place outside the restaurant gives the visitor experience a more authentic touch. The visitors are given a getaway that takes them on a trip and establishes a connection with the surroundings and the location via the open and interactive areas, meticulous attention to design detail, relaxing accents, and off-grid amenities.

4. CONCLUSION

The idea that this particular hotel is unique and unlike anything else in the world is what draws people to boutique hotels. This personalized quality permeates not just the interior design and surroundings, but also the kind of service a visitor may anticipate from a boutique hotel. Understanding the sort of user, their expectations, and their touchpoints in the area is crucial to gaining consumers. A hotel can only succeed in its goals at that point. What sets a hotel apart from its rivals is its ability to take into account every facet of the needs and experiences of its guests while preserving the intimacy, originality, and authenticity of a boutique hotel.

REFERENCES

[1]   M. Dehghan Pour Farashah, E. Aslani, S. Yadollahi, en Z. Ghaderi, "Postoccupancy evaluation of historic buildings after their adaptive reuse into boutique hotels: an experience from Yazd, Iran", *Int. J. Build. Pathol. Adapt.*, 2023, doi: 10.1108/IJBPA-04-2021-0044.

[2]   W. Wang, S. Ying, J. Lyu, en X. Qi, "Perceived image study with online data from social media: the case of boutique hotels in China", *Ind. Manag. Data Syst.*, 2019, doi: 10.1108/IMDS-11-2018-0483.

[3]   C. Capozzi, "Key Success Factors in the Hotel Industry", *Https://Bizfluent.Com/Info-8288206-Key-Success-Factors-Hotel-Industry.Html*. 2022.

[4]   P. Tinakhat, "Exploring Marketing Strategies of Boutique", *ABAC J.*, 2021.

[5]   "Faktor Pengaruh Keputusan Wisatawan Menginap Di Grand Jimbaran Boutique Hotel And Spa Kuta, Bali", *Journey J. Tour. Culinary, Hosp. Conv. Event Manag.*, 2021, doi: 10.46837/journey.v4i1.60.

[6]   M. Gabriel Wagan Aguilar, R. Ann Limpot, en P. Haidriane Macasinag, "The Tourism Business Industry of the Municipality of Tanay, Rizal, Philippines: An Assessment on Human Resource and a Province-Wide Market Research", *J. Tour. Manag. Res.*, 2020, doi: 10.18488/journal.31.2020.71.52.67.

[7]   R. Ahmad, "Power struggles within and between organizations in tourism business: A bourdieusean approach to organizational analysis", *Tour. Cult. Commun.*, 2017, doi: 10.3727/109830417X14837314056898.

[8]   M. Zaman, L. Botti, en T. Vo Thanh, "Does managerial efficiency relate to customer satisfaction? The case of Parisian boutique hotels", *Int. J. Cult. Tour. Hosp. Res.*, 2016, doi: 10.1108/IJCTHR-08-2015-0095.

[9]   I. Batinic, "Current trends in hospitality industry", *J. Process Manag. New Technol.*, 2013, doi: 10.5937/jpmnt1304091b.

[10]   S. Goel en R. Bajpai, "Impact of Uncertainty in the Input Variables and Model Parameters on Predictions of a Long Short Term Memory (LSTM) Based Sales Forecasting Model", *Mach. Learn. Knowl. Extr.*, 2020, doi: 10.3390/make2030014.

[11]   D. Chekitan en A. Allen, "Hospitality Branding in the Age of the Millennial", *Bost. Sch. Hosp. Adm.*, 2016.

[12]   M. Zaman, T. Vo-Thanh, R. Hasan, S. M. R. Shams, en D. B. Vukovic, "How can hotels create sustainable competitive advantages? A resource-based view", *J. Strateg. Mark.*, 2022, doi: 10.1080/0965254X.2022.2066558.

[13]   M. S. Chowdhury, A. Mukherjee, en S. Sengupta, "Recent Global Trends and Challenges in Indian Tourism Industry in the perspective of digital age.", *J. Bus. Manag.*, 2018.

[14]   N. Ahmad, H. Walter, en H. Sherman, "THE HOME AWAY FROM HOME: AN ANALYSIS OF THE LODGING INDUSTRY IN 2015", *Am. J. Entrep.*, 2016.

[15]   W. G. Kim *et al.*, "Tourism Grading Council of South Africa Grading Criteria and Minimum Requirements", *Int. J. Hosp. Manag.*, 2013.

[16]   P. Tinakhat, "EXPLORING MARKETING STRATEGIES OF BOUTIQUE HOTELS IN PHUKET DURING GREEN SEASON", *ABAC J.*, 2021.

[17]   D. Quadri-Felitti, N. Sa, en J. Day, "Consumer perspectives of boutique and lifestyle hotels: Is there a difference?", *Tour. Hosp. Res.*, 2022, doi: 10.1177/14673584211054605.

[18]   A. Garg en J. Kumar, "Social media marketing influence on Boutique Hotel customers' purchase intention in Malaysia", *Tourism and Management Studies*. 2021. doi: 10.18089/tms.2021.170304.

[19] Khalil-Ur-rehman *et al.*, "Impact of substantive staging and communicative staging of sustainable servicescape on behavioral intentions of hotel customers through overall perceived image: A case of boutique hotels", *Int. J. Environ. Res. Public Health*, 2021, doi: 10.3390/ijerph18179123.

[20] T. Suksutdhi en W. Boonyanmethaporn, "AN EXPLORATORY FACTOR ANALYSIS OF THAINESS EXPERIENCE-CENTRIC SERVICE CONSTRUCTION FOR BOUTIQUE HOTEL GUESTS", *Geoj. Tour. Geosites*, 2022, doi: 10.30892/GTG.40111-807.

[21] K. Xiang, H. Zhang, en G. Qiao, "How to create interactive rituals: Key factors and strategic configurations for host-guest interaction in boutique hotels", *J. Hosp. Tour. Manag.*, 2022, doi: 10.1016/j.jhtm.2022.08.002.

CHAPTER 10

ANALYSIS OF HERITAGE ARCHITECTURAL INDIAN CITIES AND EUROPEAN CITIES

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ABSTRACT:

To satisfy customers and promote positive word of mouth and repeat business, service providers in the tourism and hospitality sectors largely focus on providing services. This study attempts to look at the relationship between customer happiness intention to return to a tourist site and the quality of the services provided. Humans are naturally imaginative, perceptive, and clever. Touring is just one of the many strategies has come up with to paint the picture of life in vivid and comforting hues. This research paper's primary conclusions include an evaluation of the financial impact on the process of engaging in tourism activities is complicated and involves both positive and negative impacts. Establishing the benefits of proper maintenance for heritage buildings In order to accomplish this goal, it is necessary to pinpoint the causes of heritage building neglect, develop solutions to address this issue, and assess the effects of proper upkeep on historically significant structures. From a future perspective, people have been traveling to various regions of the world foreign state this craving. Over time, the tourism industry evolved from a recreational pursuit to a dynamic means of driving economic growth.

KEYWORDS:

Handicraft work, Monoculture, Tourism, Sandstone Architect, Savor life.

1. INTRODUCTION

There's no shortage of evidence to suggest that the tourism sector is performing better than any other. This industry hasn't just been the least impacted by the economic downturn, despite other sectors experiencing dire circumstances but is growing quickly despite the recession and meltdown[1]. In both established and developing nations, the travel and tourism industry has remained essential to both economic growth and job preservation. There are several ways in which a robust travel and tourism (T&T) sector supports economic growth [2]. Indirect contributions are made through its multiplier effect and by serving as the foundation for international connections through hard and soft infrastructure aspects that are essential for a nation's overall economic competitiveness [3]. Direct contributions are made by increasing national income and strengthening the balance of payments [4].

To present an in-depth examination of several aspects of tourism, including the economics of tourism, the marketing of tourist-related goods and services, the role of human resources in tourism, and tourism from a strategic angle [5]. Changing visitor behavior to building the infrastructure for tourism development are just a few of the topics covered in this volume on the developing perspective and paradigm in tourism [6]. As a result, the travel, tourism, and hospitality industries have a clearer grasp of how paradigms and perspectives are evolving [7]. The marketing of tourism goods and services has also experienced substantial changes in terms of how destinations are portrayed and promoted [8]. The notion of marketing has dramatically changed and offered for sale to tourists. As a collection of goods and services, tourism must adapt throughout time [9]. A selection of research has been offered to illustrate the evolving nature of the marketing of tourism to travelers [10][11]. Rajasthan is the largest state in India, and its capital city is Jaipur, the tenth-largest metropolitan area in the country [12]. This is a

noteworthy instance of Indian town planning and architecture from the medieval era. Being a major hub for commerce, education, healthcare, tourism, and politics, the city serves multiple purposes [13]. Raja Swai Jai Singh II established the walled city to make it the new capital of the Dhoondhar Kingdom in 1727. 60% of all business activity in the city is generated in the walled city, which still serves as its major business sector and is home to a large concentration of trade and tourism attractions [14][15]. Rajasthan's textile and agriculture industries benefit greatly from the state's tourism sector additionally, the state of Rajasthan is promoting harmony and peace in part through tourism [16]. Additionally, the government is making multiple contributions under various policies created and these regulations are formulated to promote "people's industry" [17]. Many advantages are being offered to the tourism industry to boost traveler numbers in the state. Because of the diligent work being done by the public and private sectors to boost tourism in Rajasthan, the state's economy as a whole is growing.

Heritage is significant because it conveys information about people's values, attitudes, and beliefs to a variety of communities, individuals, and groups. The type of heritage resources is also being specified. The tourism business must be maintained, hence appropriate action must be taken in the soon to come. Benefits for the economy will eventually materialize as a result. Finding out how the tourism sector affects Rajasthan, and particularly Jaipur, is the primary goal of this section will cover the opportunities and challenges that the tourist industry is facing, as well as how the expanding tourism in Rajasthan is helping the state's economy.

2. LITERATURE REVIEW

The primary goal was to determine the extent to which Jaipur's tourism industry contributes positively and negatively to Rajasthan's economy as a whole. The authors describe Jaipur, the capital of Rajasthan, as a dynamic metropolis. In addition, it is referred to as a "heritage pink city" due to the pink structures seen in its historic districts (Ullah, 2016). His desire is for leisure to avert monotony, savor life, and satisfy your curiosity about the various nations, locales, and customs that this blue globe has to offer. The medieval, walled district of Rajasthan's capital, as well as the numerous temples and opulent palaces strewn across the city, are particularly worthy of the moniker "pink city."

Mariani et al.[18] studied that A substantial sample of approximately 0.8 million tourists visited Italy between 1997 and 2015, and their opinions of the local destination hosting the site are influenced by the site's status as a World Heritage Site (WHS). The evaluation of the destination as a whole as well as its creative assets is found to be adversely affected by its induction into the UNESCO World Heritage List, albeit to a lesser extent. Depending on origin/destination, demographics, and assessment levels, the influence varies across visitors. However, having numerous WHSs in one location tends to boost appraisal, indicating that destination stakeholders who have dealt with WHS designations before are more suited to handle the complex interplay between tourism and preservation.

Romero-Ojeda et al.[19] discussed that The density of tourist activity in historic boroughs has resulted in significant tourism pressure on the grid and buildings of these places due to an exponential increase in city visitors. This monoculture leads to a simplification of urban centers' operations, driven by local laws that encourage tourism appeal and growth. The goal of this study is to establish the groundwork for further investigation into an aspect of over-tourism impact that is seldom examined: the effects of over-tourism on historic center architecture and urban space, impacting building functionality, space, buildings, and the urban landscape.

This goes beyond the concept of over-tourism being accepted by academics. It is possible to document the impacts of excessive tourism on the architectural and urban features of heritage cities, and this has been acknowledged in academic literature. An analysis of the literature reveals a paucity of studies that address tourism from the viewpoint of architecture and the urban environment, despite the topic's apparent relevance.

Huang et al.[20] studied that The linkages between four constructs destination source credibility, destination image, and destination attachment as antecedents of destination satisfaction are hypothesized in this research based on the aforementioned notions. 398 foreign visitors to a well-known world heritage tourism site are included in the sample for which these interactions are studied. Travelers' impressions of their contentment and attachment to a place can be influenced by the reliability of the destination source and its image. This study also confirms the mediating roles of destination attachment and destination image. Significant ramifications for tourism management and practice are provided by the findings.

Rujiman et al.[21] studied that a large metropolis with a population exceeding two million. After Jakarta and Surabaya, Medan is currently the third-largest city in Indonesia. Being one of Indonesia's biggest cities, Medan has a lot of potential for developing its cultural tourism industry because of its rich historical legacy, which includes preserved customs and ancient buildings. By preserving the building quality, the surrounding environment, and community involvement, these historical heritages especially historic structures and areas—can be preserved. Cultural tourism will be impacted by the state of historical structures, their surroundings, and community involvement.

Rafael et al. [22] studied that An important factor influencing these sites' overall worth and look is the widespread use of stone as building material. An overview of Spain's UNESCO World Heritage Sites' historical source quarries and building stones is given in this document. Ten UNESCO-listed Spanish WHS were chosen for the investigation. Two primary points of view were examined in the analysis: Building stone and ancient quarries: 1) scientific understanding; 2) conservation status, administrative setup, and social worth. As part of the UNESCO World Heritage Site, historical quarries are preserved through administrative protection that ensures the preservation of the quarry landscape in particular, education of mining companies about the preservation of historic faces, reopening historical quarries for the restoration of monuments, setting a maximum extraction volume, encouraging scientific research, and improving social perception and tourism.

The writers have noted that the lodging and hospitality industries are growing quickly, with the emergence of three- and five-star hotels as well as the concentrates on the opinions of the locals toward tourism in Jaipur and Rajasthan, as well as its social, cultural, and economic effects. The study of Jaipur City is the main focus of the paper. This research paper's primary conclusions include an evaluation of the financial impact on the process of engaging in tourism activities is complicated and involves both positive and negative impacts.

3. DISCUSSION
3.1.Comparative Study in different fields:
i.   Historical Buildings:

The astute citizens of Jaipur, who are genuinely inspired and adequately captivated by the illustrious maharaja past, have been instrumental in the growth of the city as shown in Figure 1(a & b). When the visionary Maharaja Sawai Jai Singh II and Vidyadhar Chakravarti drew up the layout of the city centuries ago, they had no idea that it would eventually extend beyond the fortified boundaries. The city expanded yearly, dissolving old borders. In the end, Jaipur became the karmsathali, or homeland, of people from all over the nation.

Figure 1: (a) Illustrate the picture of Maharaja Sawai Jai Singh II, (b) Illustrate the historical buildings in Jaipur City.

ii. *Suitable Business Settlement:*

Rajasthan's economy is one of the fastest expanding in the nation, with Jaipur, the state capital, ranking best out of all the cities. An exceptionally enterprise-friendly government, ever-improving infrastructure, and a youthful, highly qualified labor force drive the country's

business climate. Jaipur also boasts a diversified economy, with the city's manufacturing, tourism, trade and commerce, and local handicraft sectors all working together to create a robust institutional network. Advantageously, different investment projects are being cleared more quickly and easily, and there is a better atmosphere for labor relations.

3.2.A World-Class Engineering and Education Center:

IT, healthcare, and education have all quickly centered on Jaipur. Almost four lakh students are currently enrolled here to study after coming from other cities. For housing students, the government has built a coaching hub in the city as shown in Figure 2. In the areas of IT and entrepreneurship, Jaipur is also making a name for itself.

The government is making several important efforts to help Jaipur become the nation's next major IT hub, including opening Bhamashah Techno Hub, India's largest startup incubation center, training programs for startups called iStart, special economic zones called Mahindra World City, and the Rajasthan Angel Investor Network, a networking platform. Due to this, a floating population has begun to influx, seeking employment and education.

Figure 2: Illustrate The World Class Education Centre.

3.3.Revolution of a Lifestyle:

With the appearance of newer generations and wealthy professionals, Jaipur has evolved into a variety of familial arrangements while maintaining its traditional values. Most of the city's indigenous population lives under the idea of a joint family, or extended structure. The lifestyle of the city has embraced modern family structures like bachelors and nuclear families, with or without adjuncts as shown in Figure 3.

In recent years, Jaipur has witnessed a generational shift towards a dynamic lifestyle, driven by the consistent influx of both large and small investments in the retail, real estate, and employment sectors. Consumer tastes have once again changed as a result of the ripple effect increasing people's purchasing power.

Figure 3: Illustrate the traditional Lifestyle of people in Jaipur.

3.4. Attractive Traditional Farming:

Jaipur is extremely fortunate to have engaged with foreign traders and tourists in addition to its multicultural populace. Its taste for its distinct, unmistakable cuisine and its appreciation of foreign cuisines have been instilled in it by this cross-cultural interaction in the city.

A courteous refinement of food that nourishes the body's health has been introduced into the city's food culture by the younger generation as shown in Figure 4. The pandemic's arrival, which forced people to stay at home and halted the food service sector, gave rise to the city's hidden culinary abilities. Numerous culinary experts were inspired to attempt business by the outbreak. The Jaipur residents were encouraged to expand their gastronomic horizons by the new fusion foods. The epidemic delivered the much-needed, frightening wake-up call for people to start eating fresh, wholesome, additive-free food with traceable sources. During house quarantine and lockdown procedures in the city, the trend of organic consumption surged. People had an once-in-a-lifetime chance to reconsider how much food they were consuming because of this unexpected.
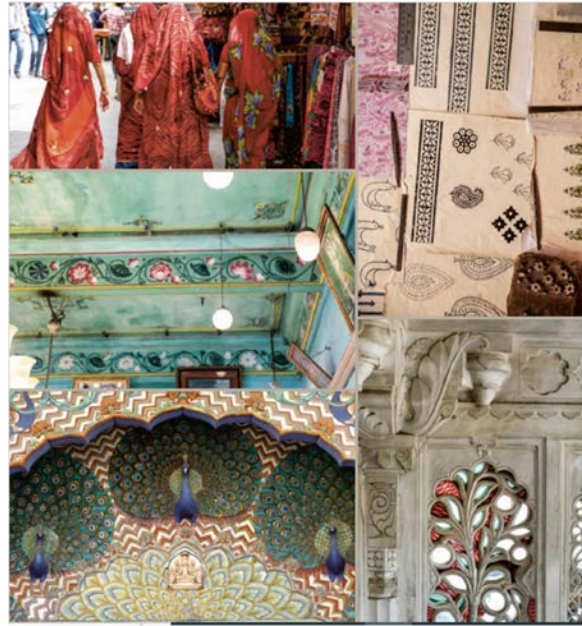

Figure 4: Illustrate the traditional farming in the city.

i. *Sandstone Culture:* The Desert state of Rajasthan serves as evidence that the neutral family has a variety of creative colors. Sandstone and marble façades on numerous imposing forts and palaces honor the desert terrain. Red and pink sandstone were used in the construction of Jaipur's Ajmer Fort and Hawa Mahal. With an almost infinite amount of surface area available for decoration, these palaces and forts provide a much larger whole than the sum of its parts. Art, craft, and architecture all blend harmoniously. Sandstone, quartz, granite, marble, slate, and other natural minerals abound in Rajasthan as shown in Figure 5. These materials provide a blank canvas that may be embellished with patterns and colors. From delivery vehicles that are frequently so adorned with paintings, garlands, and tassels that you might question if the driver can see the road properly, to the terrified cattle with their vividly painted horns, the Jaipur people's love of adorning their environment is evident.
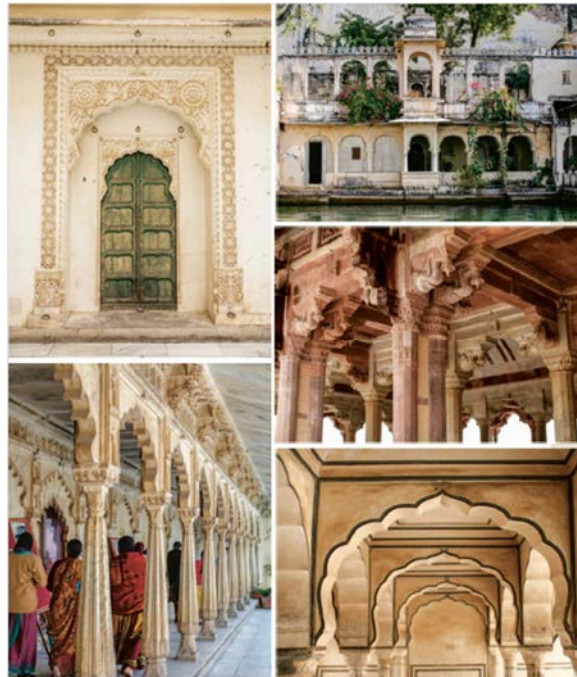
Figure 5: Illustrate the different art of sandstone in the palace of Jaipur.

ii. *Traditional Motifs:* Should the arts of Jaipur be ranked, the city's intricately built, beautifully carved, and highly revered palaces and fortifications might be granted the highest honors. Exquisitely designed buildings like the Amer Fort and the City Palace have given Indian artisans countless chances to use paint, glass, marble, fabrics, and other materials to adorn surfaces with patterns and ornaments. Telling the tale of the city and its people, every square inch comes to life. The Rajput nobility found inspiration in the same flora and fauna that they shared in their motherland because of their shared Hindu religious system and deep connection to nature. The Mali, a community of gardeners who grew fruits, vegetables, and flowers, wore ghagras decorated with vegetation like marigolds or flower chains. These designs indicated professional or social standing and made particular groups readily recognizable. The ghagras worn by women in the ironing community featured a striking design of huge arrowheads repeated repeatedly as shown in Figure 6.

Figure 6: Illustrate the traditional motifs worn by Rajasthani women.

iii.   *Either civilization or savagery:* A new barbaric wave that has swept over our culture with a torrent of spectacular violence threatens these beliefs. Barrico, however, demonstrates throughout the book that safeguarding the past from this new wave is a mirage. We live in a time of profound mutation throughout our entire civilization. Experience design's fundamental ideas a new understanding of experience and meaning are the subject of this mutation. While experiences were once produced by gradually attaining a central meaning, Barrico thinks that they are now produced by situations that are simple to enter and leave. Experiences are becoming more light-hearted and transparent, creating energy instead of devouring it, requiring less rigorous work as shown in Figure 7.

Figure 7: Illustrate the barbarism in European cities.

iv.   *Impact of Economy in the cities:*

The concept of meaning has also changed; it is no longer absolute and is instead produced by the capacity to make connections between objects and integrate novel experiences into the

known. Barrico explains how events not only create meaning but also multiply it. Gaining a deeper insight and perspective is possible when we connect all of our experiences. From kirana stores to supermarkets, India's retail landscape evolved. Local cozy spots known as "kirana stores" serve as both chat addas—places where people congregate to discuss and share news and shops for all the necessities needed by the locals as shown in Figure 8.

Figure 8: Illustrate the supermarkets in European cities as compared to Indian cities.

As a result of shifting income levels, changing lifestyles, urbanization, liberalization of technology, globalization, and changing demographic profiles, consumer aspirations, choices, and tastes have drastically changed, transforming India's economy from a socialist to one that is driven by consumption. At the moment, up to 60% of the projected $350 billion Indian retail marketplaces are made up of modern food and grocery commerce. The upcoming years will see further growth in it.

4. CONCLUSION

Particularly after independence, the city's growth and expansions have not given much thought to the preservation of its deeply established identity Consequently, the walled city's architectural identity influenced the entire built form and urban fabric. The dispersed and overlapping jurisdictions of several bodies, among other factors, have been noted as key obstacles to the inclusive and sustainable growth of the city, making the existing planning process and its execution problematic. In addition, it has been discovered that the goals and strategies of the various organizations and agencies differ, which furthers the mismatch between the recommendations and the infrastructure and land use that are now in place. Moreover, it has been observed that the goals and strategies of the various agencies and

organizations differ, which further compounds the mismatch in the plans and the way that the land is now used and the infrastructure. It is also necessary to control the type and pace of growth through a phased plan for the city and its surrounding territories in an integrated and sustainable way. This will allow the periphery to gradually integrate with the city as it grows. To prevent the unintentional growth of the city, the planning authorities should arrange future development in advance. Finding appropriate land for new industrial, institutional, and colonial settlement spaces that don't damage the environment or productive sectors is essential at this stage of development. Technologies such as Remote Sensing and other technologies can help with a variety of tasks like route design, flyover requirements, treatment plant requirements, and bypass routes. Identifying unplanned and impoverished areas can also be done with it, allowing for their prioritization within the plan. For tourism policy makers and tour operators looking to enhance the destination's appeal, the breadth and importance of this study are crucial evaluations of the travel experience in terms of travelers' happiness and likelihood of returning.

REFERENCES:

[1]   M. A. Selim, N. A. Abdel-Fattah, and Y. S. Hegazi, "A composite index to measure smartness and competitiveness of heritage tourism destination and historic building," *Sustain.*, 2021, doi: 10.3390/su132313135.

[2]   F. A. Adenaike, A. P. Opoko, and J. A. Fadamiro, "Urban Upgrading in the Historic City Core of Abeokuta, Nigeria: A Case for Inclusive Policies Towards Heritage Preservation," in *IOP Conference Series: Earth and Environmental Science*, 2022. doi: 10.1088/1755-1315/1054/1/012014.

[3]   P. Sasidharan and R. Wahid, "Measuring the Development of Heritage Tourism based on the Sustainable Tourism Indicators in Central Melaka," *Educ. J. Soc. Sci.*, 2021, doi: 10.37134/ejoss.vol7.2.7.2021.

[4]   N. Insani, Y. Ariani, E. V K Ningrum, and F. R A'rachman, "Developing a Tourism Strategy for Heritage Villages in the Kayutangan Area," *KnE Soc. Sci.*, 2022, doi: 10.18502/kss.v7i16.12166.

[5]   D. Rahmawati, R. Supriharjo, R. P. Setiawan, and K. Pradinie, "Community Participation in Heritage Tourism for Gresik Resilience," *Procedia - Soc. Behav. Sci.*, 2014, doi: 10.1016/j.sbspro.2014.07.338.

[6]   N. F. Bahardin, M. N. Baharuddin, M. A. A. Azman, M. K. Al Hafiz Bakhari, and M. S. A. Rashid, "ASSESSING A CONDITION OF TIMBER DEFECT FOR PERAK TRADITIONAL MALAY'S ARCHITECTURE: AN INITIAL STEP TO CREATING ENTITY RELATIONSHIP (ER) MODEL IN DATABASED MANAGEMENT SYSTEM (DBMS)," *Plan. Malaysia*, 2022, doi: 10.21837/PM.V20I22.1135.

[7]   X. Du and D. Shi, "Rural Heritage: Value, Conservation and Revitalisation—From the Perspective of the Human-Land Relationship," *Built Herit.*, 2019, doi: 10.1186/BF03545723.

[8]   S. Palupi, D. Hardiilla, and A. C. Nugroho, "Vernacular Architecture: Typology, Heritage, and Cultural Tourism," in *IOP Conference Series: Earth and Environmental Science*, 2021. doi: 10.1088/1755-1315/764/1/012011.

[9]   N. Sheng and U. W. Tang, "Spatial techniques to visualize acoustic comfort along cultural and heritage routes for a world Heritage city," *Sustain.*, 2015, doi: 10.3390/su70810264.

[10] M. K. Razali, H. Ahmad, A. C. Er, and H. Jusoh, "THE DEVELOPMENT THEORETICAL FRAMEWORK FOR TOURISM PLACE-MAKING WORLD HERITAGE SITE MELAKA CITY," *J. Tour. Hosp. Environ. Manag.*, 2022, doi: 10.35631/jthem.729017.

[11] B. Pioppi, I. Pigliautile, C. Piselli, and A. L. Pisello, "Cultural heritage microclimate change: Human-centric approach to experimentally investigate intra-urban overheating and numerically assess foreseen future scenarios impact," *Sci. Total Environ.*, 2020, doi: 10.1016/j.scitotenv.2019.134448.

[12] G. Swensen, "Strengthening Subjective Links to Nature: The Psychology of Heritage Places in an Era of Rising Environmental Awareness," *Hist. Environ. Policy Pract.*, 2022, doi: 10.1080/17567505.2021.1996521.

[13] G. Fajarwati, K. A. L. H. Sari, and F. S. A. Ishak, "AMPEL HERITAGE TOURISM AREA IN THE CONTEXT OF SUSTAINABILITY," *J. Archit.*, 2020, doi: 10.12962/j2355262x.v19i1.a6838.

[14] X. Chen and G. Lee, "How does brand legitimacy shapes brand authenticity and tourism destination loyalty: Focus on cultural heritage tourism," *Glob. Bus. Financ. Rev.*, 2021, doi: 10.17549/gbfr.2021.26.1.53.

[15] J. Navratil *et al.*, "Brownfields do not 'only live twice': The possibilities for heritage preservation and the enlargement of leisure time activities in Brno, the Czech Republic," *Cities*, 2018, doi: 10.1016/j.cities.2017.11.003.

[16] A. M. R. M. Mohamed, S. Samarghandi, H. Samir, and M. F. M. Mohammed, "The role of placemaking approach in revitalising AL-ULA heritage site: Linkage and access as key factors," *Int. J. Sustain. Dev. Plan.*, 2020, doi: 10.18280/ijsdp.150616.

[17] U. K. Zolkafli, N. Zakaria, A. Mohammad Mazlan, and A. S. Ali, "Maintenance work for heritage buildings in Malaysia: owners' perspectives," *Int. J. Build. Pathol. Adapt.*, 2019, doi: 10.1108/IJBPA-07-2018-0062.

[18] M. M. Mariani and A. Guizzardi, "Does Designation as a UNESCO World Heritage Site Influence Tourist Evaluation of a Local Destination?," *J. Travel Res.*, 2020, doi: 10.1177/0047287518821737.

[19] B. Sanchez-Montanes, J. M. Romero-Ojeda, and M. V. Castilla, "The impact of overtourism on architecture and urban space in historic cities: an understudied phenomenon," *J. Tour. Anal.*, 2023, doi: 10.53596/jta.v30i1.439.

[20] S. Veasna, W. Y. Wu, and C. H. Huang, "The impact of destination source credibility on destination satisfaction: The mediating effects of destination attachment and destination image," *Tour. Manag.*, 2013, doi: 10.1016/j.tourman.2012.09.007.

[21] Y. F. D. Sidabutar, Sirojuzilam, S. Lubis, and Rujiman, "The influence of building quality, environmental conditions of historical building and community participation to cultural tourism in Medan City," *Int. J. Civ. Eng. Technol.*, 2018.

[22] R. Navarro, J. Martínez-Martínez, J. F. Suárez, E. Álvarez-Areces, and J. M. Baltuille, "Comparative analysis of the current uneven situation of historical quarries associated with the UNESCO world heritage sites in Spain," *Resour. Policy*, 2022, doi: 10.1016/j.resourpol.2021.102471.

CHAPTER 11

STUDY THE TRANSFORMATION OF OLD
CITIES INTO SMART CITIES

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ABSTRACT:

The background, necessity, objectives, strategies, and results of urban redevelopment. The topic under discussion is how to revitalize and restore aging, dysfunctional urban areas. The objective is to create a model for renovating cities that adheres to general town-building criteria, regional features, resident needs, and strategic development objectives. The case study cities' dilapidated areas are examined from the housing, physical, economical, and environmental aspects utilizing theoretical and experimental applied research methodologies. A methodical, step-by-step, problem-oriented model assesses the average harm amounts brought on by the dysfunctional communities. This study seeks to demonstrate the significance of preserving traditional commercial streets since they are essential to a community's identity. By creating these streets, it is suggested that a system be developed that, via safeguarding historical locations and guaranteeing their continuation, will benefit not only their users but also all citizens. This methodology will be centered upon the principles and criteria of cultural preservation. The traditional commercial streets located in the historical cores of cities are addressed in a number of ways, in addition to a set of trustworthy standards that assist maintain the historical character of these streets by identifying the kind and pattern of traffic that occurs there.

KEYWORDS:

Community Centre, Historical Structure, Coworker Space, Workspace.

1. INTRODUCTION

A significant sum of money has been invested in the reorganization of the older properties in most cities. Nonetheless, there are several benefits to using this enormous sum of money for road widening and new home construction rather than only for rehabilitation [1]. We concur wholeheartedly with this assertion. First off, individuals will have a ton of job options throughout the state by investing in new residences. Large amounts of labor are needed at all levels of the building process, from the ground up to the ceiling, in order to construct these massive structures and communities [2]. It looks like it will eventually raise the province's GDP rate considerably. The development of new locations and the refurbishment of existing ones have significantly improved its financial situation [3]. Furthermore, by giving people access to secure spaces, you may create an ideal atmosphere for them to live in, which will increase public happiness. Even just spending money on highways will provide states and their capital cities with widespread access [4].

There would be fewer opportunities for technological advancement and access to the national highways if there were slower moving traffic and less communication [5]. We should build good, well-constructed highways to prevent this and to increase our connections with other states and provinces [6]. For example, national highways throughout India provide a wide range of connectivity to every state in the nation. Therefore, the development of any nation depends heavily on transportation, which can only occur via large, safe roadways [7]. Because they are among the most significant components of historic city centers, historic commercial districts

and their streets are in the forefront of places that require suitable policies to address their issues in order to endure for future generations. They express the city's social and economic zones in addition to serving as a means of access and communication between different portions of the city [8]. Due to these factors, the research examines past commercial districts and strategies for their preservation within a comprehensive framework.

Among the most significant components of historic city centers are the streets and historic commercial districts, which places them at the forefront of areas in need of proper policies to address their issues and ensure their survival for future generations [9]. They serve as a means of access and communication between different regions of the city as well as a means of expressing the social and economic sectors. For these reasons, the study looks at past commercial districts and how best to preserve them inside a larger framework.

The emphasis is on "Design (through/as) research" to highlight how design becomes a crucial component of this new normal acknowledge the distinctions between the corporate and community settings and to put up a novel theory on the utilization of spaces [10]. Employ design to aid in your research and Lockdowns on many occasions, arbitrary migrations, workforce reduction, disrupted transit, work-from-home practices, etc. are pandemic impacts, but they could simply be the result of a new change in the city's work cycle. But even before the epidemic hit, the city had started adjusting to a different kind of labor called co-work. The notion of collaboration arrived in India as a triumph and a disaster. Through a knowledge of its evolution, adaption, and present meaning, this chapter clarifies the idea of coworker in India. Redefining co-work to fit the Mumbai of the near future follows from this insight [11]. The chapter offers an interpretation of co-work that is contextually appropriate and offers a range of flexible options.

Building renovation in historical urban areas is given priority since these regions are linked to historical structures and cultural assets. These places still have their distinctive building features and historic urban layout, and they include residential land. Cultural, economic, and other activities [12]. Both recently formed settlements that have resulted from urban growth and surviving human settlements that have been passed down from previous generations are included in historical urban areas. New communities are, nevertheless, limited by the current urban framework.

A social meeting of individuals who are still self-employed but who have similar ideals and are drawn to the potential for collaboration with others appreciate having each other at the same workspace [13]. Coworking aims to improve both the working environment and methods of operation. Coworking spaces offer more than just workspace for employees. They serve as think tanks, community centers, and welcoming spaces for socializing [14]. You get coworkers to bounce ideas off of and who support you professionally in a way that you can't get working from home or in the corporate office when you rent a desk or an office. You can network with peers in the professional world by coworking. You may relax in a hammock, play ping-pong with a friend, have an espresso, or spend all of your time in your own workspace at coworking spaces realm of employment. One can seek guidance from others, pick up new technological skills, locate an investor or mentor who shares their ideas, or simply bounce ideas off of them. The modern workplace is coworking, which gives you the flexibility to choose your workspace, your hours, and your social circle.

2. LITERATURE REVIEW

The sustainable development of historic urban areas necessitates the establishment of an inventory of available resources and the accomplishment of the organic renewal of buildings and spaces. The rapidly declining and dilapidated image of old cities has been virtually

eradicated in the last forty years, notwithstanding the "constructive destruction" of historic metropolitan areas. This event has contributed to the disappearance of these communities' customs and cultures. Therefore, when revitalizing urban areas, relevant authorities should take into account intangible assets like cultural revival and function enhancement in addition to the physical space's development.

Extensive reconstruction and demolition without traditional urban districts need development, but defined aims are no longer sufficient. The idea behind preservation is that urban growth and heritage conservation should coexist in harmony. In order to gradually promote organic renewal in keeping with local features, urban renewal should take into consideration the circumstances of each urban region while maintaining community relations and cultural aspects.

Ervi et al. [15] studied that the issue of building deterioration in older urban areas is becoming more and more problematic due to inadequate management and insufficient maintenance. Due to Hong Kong's high-rise, high-density urban environment, the problem has created serious health and safety risks for the surrounding community. Redevelopment seems to be the most common method of urban renewal or regeneration, despite the fact that there are other approaches as well.

But the rate of deterioration would most likely outpace the economy's capacity to support new construction. Furthermore, redevelopments cause a considerable deal of building and demolition debris, which much exceeds Hong Kong's disposal capacity and has a negative impact on the social fabric. Thus, the necessity for a sustainable urban revitalization approach is critical.

Zhong et al. [16] studied that Using a regression model, the study examines the influence of the adjustment and transformation policy for old industrial cities on urban carbon emissions, with a focus on the implementation point as the breakthrough point. Additionally, the environmental theories and effective mechanisms are rigorously tested in this work. The adjustment and rehabilitation program has, on the whole, greatly decreased the carbon emissions of ancient industrial cities by around 0.068 units. After the policy was put into place, the pilot cities' carbon emissions were on average reduced by roughly 310,000 tons when compared to the control group cities. Significant factors that contribute to lower carbon emissions are the consolidation of upscale service sectors and the improvement of environmental restoration.

In addition, there is little evidence to support pollution from surrounding transfers and the use of the beggar-thy-neighbour principle. There hasn't been a subsequent increase in the carbon intensity of nearby cities.

A more thorough examination reveals that while the majority of the sample of historic industrial cities do not exceed the threshold, the "inverted U-shaped" CO_2 Kuznets environmental curve hypothesis is substantially present in them.

Emanuela et al. [17] studied that the first is to use smart lighting and sophisticated control systems to save energy; the second is to integrate ICT devices into the network to make it viable and useful for a variety of uses; the third is to use new technologies and design principles to give the older part of the city a new identity and the fourth and final goal is to guarantee pedestrian and street safety in accordance with regulations and standards. In order to: analyze the current lighting infrastructure, highlighting key areas; design a new displacement and choose luminary typologies capable of providing appropriate light quality and distribution; suggest an aesthetic solution and technical design for pertinent historical building; and

incorporate the idea of a new multifunctional pole into the design process, a multidisciplinary approach has been adopted. A review of the economic costs and advantages is included, along with a social benefit analysis.

Sunmeng et al. [18] Revitalization has become an effective way to repurpose historic residential areas due to a number of issues, including the need to reduce the intense use of resources, the development of the urban stock, and the requirement that urban developments be in harmony with the surrounding ecology.

It is a crucial technique for guaranteeing a city's sustainable development and complies with stock planning strategy.

One of the most important things to do when renovating an old residential neighborhood is to prioritize the proper traits. Rather than just placing greater emphasis on the experts' selection and grading of these attributes, more thought should go into how satisfied—or not—residents are with the results.

As a result, in this work, we have suggested a cooperative strategy that needs the effectiveness of the specified attributes, tweaking each attribute's improvement plans, and further figuring out where to concentrate the restoration of the former residential areas. It also assisted planners in making more sensible decisions about sustainable development and urban rejuvenation at the same time.

Jialu et al. [19] studied that which, under the current strategy, is not as good as Shanghai, is also the global economic center.

The primary cause of the issue is Shanghai's eight time's larger city area than New York; additionally, when new parts of Shanghai City are developed and existing ones are renovated, the resources and urban area of New York become the primary concern.

Asymmetric link between inhabitants' satisfaction and the characteristics of historic residential areas was investigated and quantified using the impact-performance analysis technique.

Asymmetric influence of attributes on residents' satisfaction led to the division of attributes into three categories, as demonstrated by the results: thrill factors, performance factors, and basic factors. Accommodations were divided into three categories: basic criteria for living facilities, thrill factors for residential management, and performance factors for the remaining three qualities.

3. METHODOLOGY

3.1 Design:

To put into effect legislative measures in the 1980s to preserve ancient urban districts. Local governments create preservation plans and designate particular zones as historical urban regions in order to fully preserve historic sites, local culture, and the landscape.

Local characteristics are taken into account in plans for cultural preservation to define historical urban areas, streets, land lots, artifacts (such as significant historical and Buildings of cultural sites protected at the national level and other immovable cultural assets or historical buildings that exist at such sites that are not publicly announced), and routes.

The preservation plan uses several protection tiers to distinguish historical objects with varying degrees of significance. In Figure 1 shown the reconstruct of historical places in smart way.
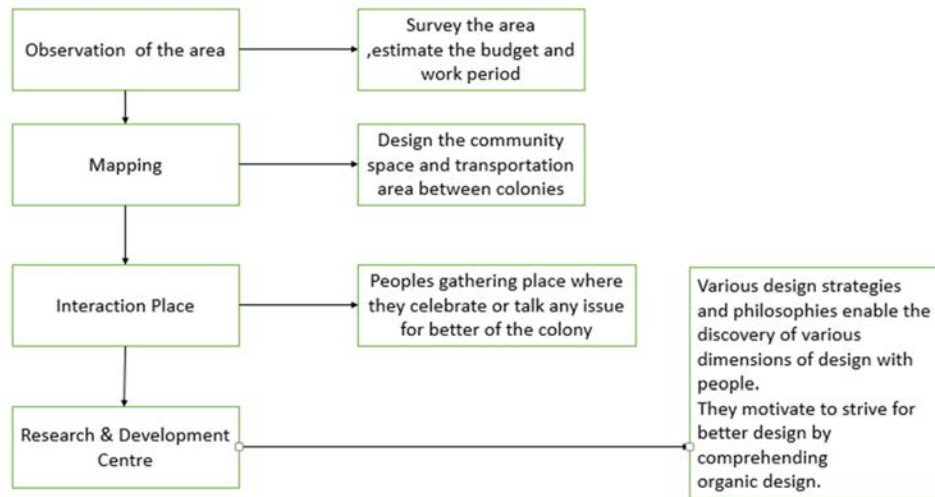
Figure 1: Illustrate the reconstruct of historical places in smart way.

3.2 Steps for reconciliation of the old Buildings:

3.2.1 Materials and Methods: Some parts of the city still contain residential buildings with subpar living conditions, little living space, and a lack of facilities, despite the renovation of some shanty towns and older communities. The impoverished, the city's poor living circumstances have led to a population decline as many citizens have chosen to move to new locations with better facilities. Suzhou's ancient urban area is becoming less vibrant, which is impeding its appropriate growth. Mumbai is a historical urban area that exemplifies the common development issues that many other historical urban areas in India confront, as it is a typical historical urban area in India that places a high priority on preservation and imposes development limits. Consequently, this city serves as a representative example for Mumbai's urban renewal studies.

3.2.2 Mapping: Community mapping aims to communicate with the target audience in addition to producing a more responsive design brief humans in the community and treat them as such, not just as objects to be studied. Creating a more inclusive, participatory, and community-friendly design is the aim of community and context mapping. Figure 2 shown the old building which restrict to meet the other peoples at one place.


Figure 2: Illustrate the old building which restrict to meet the other peoples at one place.

3.2.3 Framework: A framework for residential building renewal was created to identify different types of renewal while keeping development and preservation in balance .Buildings with high renewal demand were prioritized by looking at their architectural state and living environment in order to assess a building's renewal need and make renewal targets more specific. The development potential for further honing the priority list was then assessed by analyzing location factors and development efficiency. Lastly, a demand–potential–constraint model was constructed by taking into account restrictions related to the preservation of historical sites. Discriminant matrices were put together in order to determine the type of renewal and suggest appropriate renewal tactics.

3.2.4 Protection of Historical Buildings: The historical centers reflect the identity of the city and have several spiritual, symbolic, and artistic qualities. They also serve as a representation of the places that show signs of urban civilization .They are also the center of a lot of residential, commercial, and cultural activity. These centers ought to contain two types of settlements: those that have blended in with the rest of the city and those that have grown to become a part of a bigger structure as a result of city growth .They hold all the social facets of life as well as the cultural legacy of the cities. As a result, these places are rich in historical values that have enhanced the quality of life for the locals and are a component of a larger response to the built environment. In regions where historical significance has been overlooked and significant portions of the urban fabric have been replaced by architectural styles and structural patterns that are incompatible with the place's historical significance, the appearance has also changed. Rehabilitation, urban infill, redevelopment, and conservation have been identified as the most crucial steps in urban regeneration operations. Frequently, though, the historical center's physical surroundings are taken into account while the social and economic conditions that had a detrimental impact on these centers are ignored.

3.3 Cowork Space: The cowork program's foundation is the idea of giving smaller companies a place to operate so they can grow faster bycreate. The coworking spaces offer both temporary and private workspace options. This coworking area will also feature a picture studio and individual work pods. In Figure 3 shown the coworker space at one place.

i. Back office: This office will supervise the space's management with the community's help.

ii. Workspace with a private workstation: Businesses that require a desk can rent this long-term designated area.

iii. Private unoccupied workspace: Allotted to small enterprises for an extended duration.

iv. Outside workspace: This turns into an extension of the unoccupied area.

v. Work pods: Temporary, individual workspaces.

vi. Photo studio: To get exposure, small enterprises and startups can use this space to document their products and procedures.

vii. Interaction space: A location where coworkers can relax and communicate.

viii. 8: The entrance and welcome

ix. Meeting space: This is a very transient place where informal gatherings can take place.

x. Retail space: A venue where local small enterprises can set up shop and sell their wares.
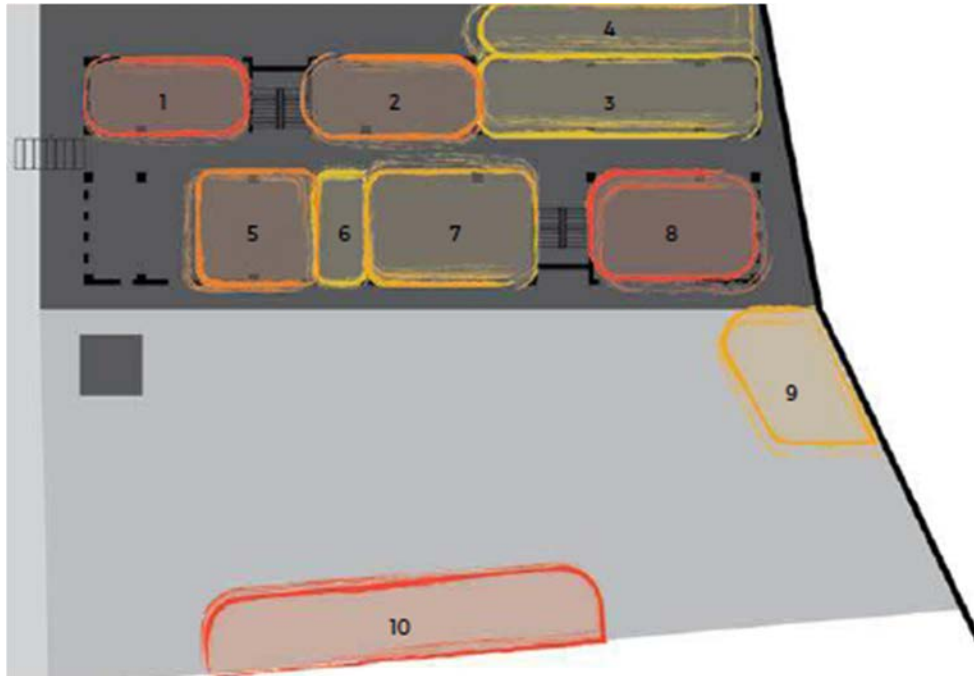
Figure 3: Illustrate the coworker space at one place.

3.4 City Management: Unlike traditional cities, which rely on smart management systems to self-grow by adjusting the relationships between urban design, construction, management, and operation, smart cities are distinct. Thus, the design of the Smart City management system ought to come first. Prior to regeneration, the city needs to assess the issues at hand and establish a think tank with members from the local community, business leaders, and urban policy sets. Subsequently, the think tank must present the development of Smart Cities and develop strategic plans based on its investigation and analysis. By amalgamating the attributes of the city, it formulates appropriate protocols and benchmarks for assessing the Smart City. The Smart City's construction mechanism and assessment are part of the management system.

4. RESULT AND DISCUSSION

We used the information from the interviews with the residents to create a field research map, and we discovered that the main renovation projects of the old district are: building elderly care facilities; car park expansion; lift retrofitting; firefighting improvement; facade improvement; property improvement; optical cable laying; community service station retrofitting; illegal construction regulation; and overhead line rectification, among other things as shown in Figure 4.

There aren't many parking places in the older neighborhoods in the city center area, so the government can implement social funding, develop three-dimensional garages, collect fair compensation, and administer the area well.

The intricate linkages of interest among these districts have caused the lift retrofitting project to stagnate.

Even though most residents want to finish the elevator updating the neighborhood committee can establish a mediation group as soon as feasible to address this element of the issue and coordinate the interests of the entangled inhabitants in order to implement the lift retrofitting and enhance the quality of life. Fixing the untidy cables, promptly notifying the appropriate departments, and improving the lights and overhead lines

Figure 4: Illustrate the regular building in the cities.

4.1.Research and Development: Another study book that explores an alternative perspective on planned environments. The book's main premise is The Ideas-People-Effects (IPE) approach may not always be as useful in space design as the Arrangements-Effects (IAE) principle. The article talks about how the user is frequently left to deal with the interactions and repercussions once the design is finished and given to the customer. This research, however, refutes the claim that a designer has complete control over how a design is viewed, as opposed to an interpretation from the viewpoint of the user. The studies conducted in these "arranged" areas provide the researcher with evidence to support her claims. This offered a fresh and maybe paradoxical viewpoint on the idea that design evolves naturally as a result of user encounters. In Figure 5 shown the room where people talk about ideas and development of the colony.

Figure 5: Illustrate the room where people talk about ideas and development of the colony.

5. CONCLUSION

The rationality of old rehabilitation goals can be strengthened, sustainable urban development can be promoted, and the sense of life in the old neighborhood can be rapidly improved by including consideration of the people' living experience in the renovation strategy. In the face of scarce renovation materials. The research topic is situated in Mumbai's city center, in a unique geographic area. There are several limitations to using a sample questionnaire for data collection; it does not accurately reflect the experiences of all residents in the evaluation. We can attempt to include user analysis techniques to develop a resident user profile and examine their ingrained demands. The approach and way of thinking used in this study are similar, as are to establish sustainable revitalization options appropriate for particular neighbourhoods and to inform practice, questionnaires can be tailored to the real situation on the ground while accounting for the weighting of each factor based on other similar case studies.The money and time invested in a project are just two of the numerous variables that affect how much better the living environment is both before and after the remold. To generate a user profile of inhabitants and examine their behavior, we can attempt to use user analysis techniques in subsequent study profound requirements. There are similarities in the study's approach and way of thinking with other comparable case studies. Additionally, questions can be tailored to the specific circumstances on the ground, accounting for the relative importance of each component, in order to identify neighborhood-specific strategies for sustainable redevelopment that can inform future work.

REFERENCES:

[1]   A. A. Shahraki, "Renovation programs in old and inefficient neighborhoods of cities with case studies," *City, Territ. Archit.*, 2022, doi: 10.1186/s40410-022-00174-1.

[2]   Z. Kai, "Who is Relocating Whom in the Renovation of Shanghai's Old City?," *China Perspect.*, 2013, doi: 10.4000/chinaperspectives.6102.

[3]   W. Li, Q. Li, Y. Liu, S. Wang, and L. Jia, "Decision-making factors for renovation of old residential areas in Chinese cities under the concept of sustainable development," *Environ. Sci. Pollut. Res.*, 2023, doi: 10.1007/s11356-022-25043-9.

[4]   X. Luo, M. Ren, J. Zhao, Z. Wang, J. Ge, and W. Gao, "Life cycle assessment for carbon emission impact analysis for the renovation of old residential areas," *J. Clean. Prod.*, 2022, doi: 10.1016/j.jclepro.2022.132930.

[5]   A. A. Amirbekova, "PARADIGMS OF RENOVATION OF THE OLD HOUSING STOCK A MODERN CITY (on the example of the city of Astana)," *Bull. Kazakh Lead. Acad. Archit. Constr.*, 2023, doi: 10.51488/1680-080x/2023.1-02.

[6]   V. Bocullo *et al.*, "A Digital Twin Approach to City Block Renovation Using RES Technologies," *Sustain.*, 2023, doi: 10.3390/su15129307.

[7]   H. Pan and A. Hutter, "Micro-renewal of old communities in Huang Shi city," *Pollack Period.*, 2022, doi: 10.1556/606.2021.00336.

[8]   F. WEI, Y. WANG, L. CHEN, and Y. LIU, "RENOVATION OF INFORMAL GREEN SPACES IN OLD URBAN RESIDENTIAL COMMUNITIES IN CHINESE CITIES AND RELATED PUBLIC PERCEPTION INVESTIGATION," *Landsc. Archit. Front.*, 2021, doi: 10.15302/j-laf-0-020007.

[9]   T. D. H. N. Nguyen, J. Jeong, Y. Ahn, and H. Shin, "An innovative approach to temporary educational facilities: A case study of relocatable modular school in South Korea," *J. Build. Eng.*, 2023, doi: 10.1016/j.jobe.2023.107097.

[10]   F. Lu, "Tactics and ways for renovation of old mountain cities and towns," *Chongqing Jianzhu Daxue Xuebao/Journal Chongqing Jianzhu Univ.*, 2005.

[11]   Y. Liu, X. Chen, H. Xiao, and J. Duan, "Manuscript title: Study on the smart transformation strategy of old neighborhoods based on urban renewal," *Proc. Inst. Civ. Eng. Smart Infrastruct. Constr.*, 2023, doi: 10.1680/jsmic.23.00013.

[12]   J. Wu, W. Dong, Y. Li, and X. Fu, "Ecological renovation process of Nanjing's housing stock built between 1840 and 1949, China," *J. Asian Archit. Build. Eng.*, 2020, doi: 10.1080/13467581.2020.1724542.

[13]   X. Zhang, S. Nie, M. He, and J. Wang, "Energy-saving renovation of old urban buildings: A case study of Beijing," *Case Stud. Therm. Eng.*, 2021, doi: 10.1016/j.csite.2021.101632.

[14]   W. Rong and A. Bahauddin, "Hutongs and Vernacular Courtyard Houses under the Influence of Confucianism: Identity and Values in Linqing, China," *ISVS e-journal*, 2023.

[15]   D. C. W. Ho, Y. Yau, S. W. Poon, and E. Liusman, "Achieving Sustainable Urban Renewal in Hong Kong: Strategy for Dilapidation Assessment of High Rises," *J. Urban Plan. Dev.*, 2012, doi: 10.1061/(asce)up.1943-5444.0000104.

[16]   R. Zhang and C. Zhong, "Can the Adjustment and Renovation Policies of Old Industrial Cities Reduce Urban Carbon Emissions?—Empirical Analysis Based on Quasi-Natural Experiments," *Int. J. Environ. Res. Public Health*, 2022, doi: 10.3390/ijerph19116453.

[17]   M. Beccali, M. Bonomolo, A. Galatioto, and E. Pulvirenti, "Smart lighting in a historic context: a case study," *Manag. Environ. Qual. An Int. J.*, 2017, doi: 10.1108/MEQ-06-2015-0109.

[18]   Y. Liu, H. Li, W. Li, and S. Wang, "Renovation priorities for old residential districts based on resident satisfaction: An application of asymmetric impact-performance analysis in Xi'an, China," *PLoS One*, 2021, doi: 10.1371/journal.pone.0254372.

[19]   J. Wan, "The Future Development of Shanghai as A Global Centre City: A Comparison with New York City," *Highlights Business, Econ. Manag.*, 2023, doi: 10.54097/hbem.v7i.6966.

CHAPTER 12

REIMAGINING MICRO LIVING: A SHIFT IN LIFESTYLE, DESIGN, AND THE CONCEPT OF LUXURY

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ABSTRACT:

Over the years, the landscape of housing has witnessed a significant transformation, marking a departure from traditional preferences and practices. Contemporary individuals now seek living spaces that prioritize thoughtfully proportioned designs over excessive size. This shift reflects a growing emphasis on a streamlined, efficient lifestyle tailored to personal preferences. In the realm of design and architecture, this change becomes pivotal, requiring spaces that offer fluid arrangements and redefine the concept of luxury. This research explores the evolution of micro-housing, seeking to redefine its typology by challenging prevailing notions of cramped living and inadequate comfort. Microhousing projects, often driven by monetary considerations, fall short of delivering well-designed, affordable spaces. The study questions why such projects consistently target affordability and explores the preferences of individuals with financial means for more substantial living spaces. Emphasizing the need for multifunctional spaces, the research introduces the concept of eliminating interior walls and incorporating moving and rotating walls for flexibility. The inclusion of common vertical spaces addresses the demand for community engagement. The study concludes by challenging the conventional approach to housing layouts, advocating for tailored designs that align with user needs and foster flexibility.

KEYWORDS:

Housing Layouts, Luxury, Micro-Housing, Monetary.

1. INTRODUCTION

Over the years, there has been a notable shift in both style and lifestyle, marking a departure from the preferences and practices of previous generations. Unlike the traditional aspiration of acquiring a vast living space simply to fulfill the notion of a home, contemporary individuals are now inclined towards a different objective [1], [2]. The focus has transitioned towards seeking a living space that is not excessively large but is thoughtfully proportioned, aiming to provide a unique and enriching experience. Modern-day individuals lead lives characterized by multitasking, prompting a reassessment of the traditional idea of luxury. For them, luxury is not synonymous with excess but is found in the art of living with less while embracing comfort and ease. The emphasis is on a lifestyle that is streamlined, efficient, and tailored to personal preferences [3], [4].

In the realm of design and architecture, this shift in perspective becomes crucial. Designing spaces that cater to the idea of living in a home, as opposed to merely constructing a house, becomes the primary goal. This entails creating environments that offer a fluid arrangement, making optimal use of available space, and redefining the very concept of luxury. The essence of luxury, in this contemporary context, is deeply personal [5], [6]. It is about customization and tailoring living spaces to align with individual preferences and priorities. A truly luxurious home, therefore, is one where the design is intentional, reflecting the occupant's lifestyle, values, and experiences. The evolving idea of luxury in the modern era revolves around the experience of living in a home. It encompasses thoughtful design, efficient use of space, and a

departure from conventional notions of excess. The emphasis is on creating living environments that resonate with the unique preferences and multitasking lifestyles of individuals today. Figure 1 shows the key elements of microhousing [7], [8].
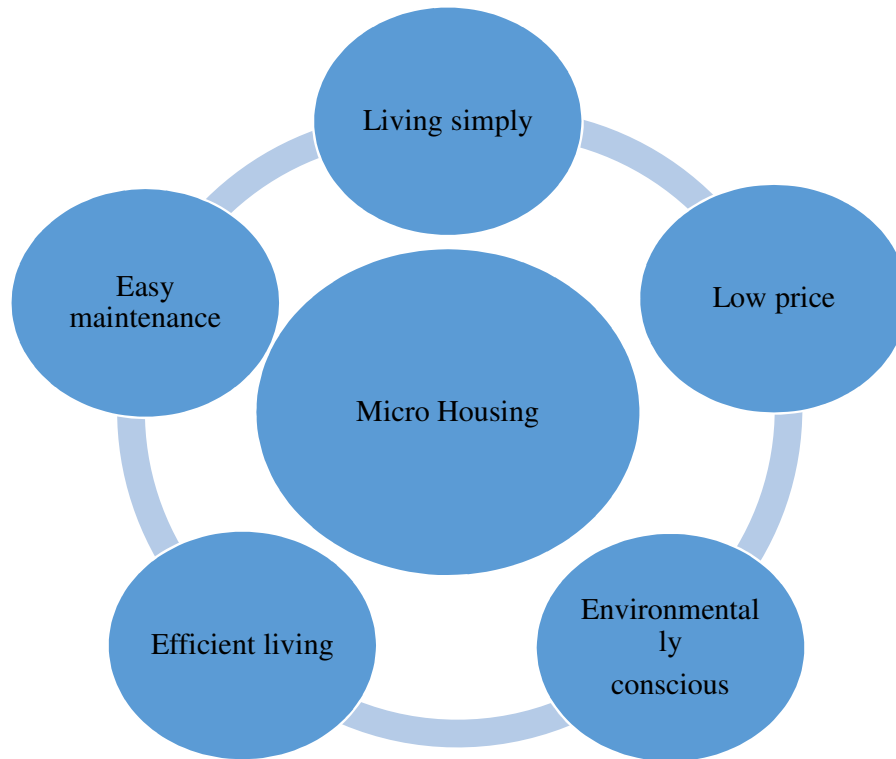
Figure 1: Illustrate the major factors of micro-housing.

The concept of micro-housing within a flexible arrangement may not be suitable for everyone, particularly not for a family of six in the current context. The belief that more space equates to additional joy is debunked by studies, revealing that individuals often experience greater loneliness in excessively large spaces that exceed their actual needs. Moreover, residing in a larger space entails extra support, increased expenses, additional storage requirements, heightened maintenance efforts, and an augmented carbon footprint [9], [10]. Home, a refuge for individuals and their daily routines encapsulates a close-knit environment where people dedicate a significant amount of time to engaging in diverse activities. Whether it's dining, sleeping, cooking, relaxing, working, or simply enjoying moments of leisure, this space fosters a profound connection with its occupants. This connection provides solace amidst the chaos, a sense of fulfillment after enduring a demanding day, and the assurance of having a space uniquely their own a space that caters to their lifestyle [11], [12].

In the current era, a considerable number of individuals are working from home, making it essential to have a designated area for work, leisure, and other activities. While not everything can fit into a single room or a confined space, the flexibility of the living space can be adapted to meet the occupants' requirements. The concept of smaller homes emerges as a solution, not solely driven by affordability concerns but as a choice embraced by individuals [13], [14]. The aim is to create a space that accommodates these needs within an appropriately sized environment, offering a personalized and luxurious ambiance while making efficient use of space. Enter the concept of new micro-housing an idea that strives to provide a living space as comfortable, convenient, and homely as any other, irrespective of its size.

The paradigm of living has transformed, necessitating an alignment with an ideal living space. This approach caters to a specific user group, individuals who consciously opt for a small and flexible setup, and possess the financial means to support such a choice [15], [16]. This audience includes not only independent individuals with financial resources but also those who aspire to adopt a particular lifestyle. This user group is characterized by individuals who thrive on a multitasking lifestyle, seamlessly transitioning between home, workplace, and even during commutes. The envisioned space transcends traditional boundaries, offering an expansive experience and fostering a profound sense of satisfaction associated with the concept of home.

2. LITERATURE REVIEW

J. Paniker, [17] Studied the growing need for efficient and economical shelter solutions due to increasing demand and limited construction space. Focusing on micro-apartments, the study aims to establish standards for optimizing spatial configurations, considering factors like furniture, area, and openings. It emphasizes the importance of tailoring these standards for millennials in high-rent cities, where space is at a premium. The goal is to develop interiors that enhance comfort without adding stress, proposing adjustments to anthropometric standards for easier design and development of micro apartments. Ultimately, the research aims to contribute practical and comfortable living standards for micro-sized residences.

X. Ren, [18] Studied the concept of the local world as a framework for future conservation and regeneration efforts. It seeks to foster a theoretical dialogue between the East and West, exploring how ordinary places and lifeworlds are preserved, reproduced, and potentially reimagined.

The discussion focuses on the worlds of many, relating, structuring, and becoming, providing a foundation for contemporary architectural reinterpretation. Using the Wen Village conservation and regeneration project in China as a case study, the article examines how the architectural reimagination of local worlds, especially in rural China, influences the project's formation and impact. By analyzing the architectural process through close readings of accounts from architects and users, the article contributes to theoretical discussions about contemporary architecture's ability to reimagine and shape local worlds.

M. Boṣa-Moisin and R. Schreiber, [19] Studied the initial exploration of the Indian cultural context, focusing on the sociocultural and legal aspects related to textile craftsmanship. It investigates the values associated with Indian textile craftsmanship from the perspective of stakeholders in the textile and fashion industry, considering global recognition and the "Made in India" label. The research also examines the concept of "sustainability" in the Indian context, particularly its alignment with Western notions. Through field research and in-depth interviews with Indian nationals, the study highlights Cultural Sustainability as a dominant theme, emphasizing the role of textile craftsmanship in sustaining livelihoods and contributing to sustainable practices in the fashion and textile industry. It uniquely introduces a legal perspective, exploring the idea of protecting traditional textile knowledge and cultural expressions.

Y. K. Dwivedi *et al.* [20] studied the metaverse, enabled by augmented and virtual reality, which could seamlessly integrate the physical and digital worlds through avatars and holograms. Antecedents like Second Life and Fortnite offer insights into its potential socio-economic impact. Despite the current lack of technology for a fully scaled metaverse, researchers explore its transformative effects on business, education, healthcare, and societal aspects like trust, privacy, and psychological well-being. This study delves into these topics, combining expert perspectives, and proposes a future research agenda for professionals, researchers, and policymakers.

3. METHODOLOGY

a. Design:

The entire process of research, comprehension, and analysis followed a systematic step-by-step approach. It commenced with a comprehensive macro-level investigation, gradually refining its focus to a more specific micro-level topic. The initial stages involved acquiring a foundational understanding of the subject, encompassing its current status, historical context, prospects, project highlights, success rates, and failures. The subsequent steps involved identifying key stakeholders, and understanding their economic status, socio-cultural background, and personal preferences. An exploration of the challenges encountered and potential solutions was conducted to discern prevalent issues and identify potential gaps. The objective was to ascertain if there was a mismatch between the project type and its intended audience. Through the utilization of surveys, interviews, case studies, and online research, the process facilitated a nuanced identification and specification of the target audience, user type, existing gaps, and concerns. Additionally, this comprehensive approach aided in selecting an appropriate site for further exploration and analysis.

b. Sample and Instrument:

Throughout the entire research process, diverse methods were employed, each tailored to the specific data requirements. Some methods leaned towards a more generalized understanding of users and their living styles, while others adopted a more personalized approach for deeper comprehension. These methodologies were strategically utilized to explore various facets such as user preferences, living styles, current trends, and the evolving concept of living across different generations. The geographical scope of these projects extends across Mumbai, with a concentration between Goregaon and Borivali in the Western line, and Mulund, Ghatkopar, Vikhroli, and Chembur in the Harbour and Central lines. Although these projects incorporate elements of micro-housing, they are not exclusively designed for a micro-housing lifestyle. This design choice is influenced by considerations such as financial constraints, existing design gaps, and the specific target audience identified for this project.

c. Data Collection:

A broad understanding of the respondents indicates that the majority are working professionals or students, typically residing in a traditional Indian household setup. In the pursuit of identifying an audience characterized by independence and dynamism, an open-ended research approach was employed. Online platforms, including websites and social media, were utilized to gain insights into the lifestyles of various individuals.

This demographic is recognized for its dynamic, independent, and busy yet comfortable lifestyle. In essence, this vibrant audience comprises individuals engaged in professional lives, seeking a living style that aligns with the simplicity required to accommodate their fast-paced routines.

The research aimed at obtaining a comprehensive understanding of micro-housing and its user types employed primary online research, referencing websites and articles, and analyzing existing projects as online case studies.

To delve deeper into this generic study and discern diverse user groups and their living styles, an online survey targeted individuals across different age groups to gather insights into their preferences. As the research evolved into a more specific phase based on the survey responses, a subset of users was interviewed to further refine the understanding of their preferences and requirements.

d. *Data Analysis:*

i. *Analysis Methods:*

In the realm of primary research, a reliance on trustworthy sources providing factual information was paramount. The approach involved drawing comparisons and identifying parallels across multiple sources. Statistical data played a crucial role in furnishing facts for analysis, encouraging a discerning examination of the information to read between the lines. For instance, if a significant portion of respondents fell within the 18-36 age group, a realization emerged that they might lack spending power due to being students or newcomers to the workforce, thus influencing the target audience. The methodology extended to in-person interactions, including interviews with individuals and case studies. This hands-on approach served as tangible evidence validating the earlier analysis made for the identified target audience.

Micro housing encompasses various typologies, each tailored to different audience preferences. However, those with a strong financial background often opt for larger properties, considering future family additions or storage concerns. As a result, many micro-housing projects are primarily influenced by monetary factors. The prevailing notion that small spaces may not provide sufficient comfort has hindered the full recognition of the true value of micro-housing. Introducing a micro-housing typology free from monetary constraints and catering to a distinct user group beyond the conventional Indian household size could redefine the landscape of micro-housing.

4. RESULT AND DISCUSSION

The research delves into the fundamental understanding of the current state of micro-housing projects, initially conceived as affordable housing solutions for typical Indian households. These projects target households of 4-6 members, encompassing three different generations. Despite promises of comfort, ease, and spacious living, user reviews often highlight issues such as cramped spaces and claustrophobic environments, indicating a misalignment between design and user needs.

a. *Identifying the Target User:*

Conducting secondary online research, an in-depth online survey spanning various age groups (18-25, 26-35, 36-45, 46-55, and others) sought to ascertain the preferences of potential users for micro-housing. The survey aimed to understand the age group that might consciously choose a micro-housing setup based on financial considerations and a genuine preference for such living arrangements.

b. *Survey Insights:*

The majority of responses, particularly from the 18-25 and 26-35 age groups, expressed a desire to live alone for work or study purposes. However, respondents aged 36-55 indicated larger household sizes of at least three members. Despite a growing trend among the younger generation to live independently, the survey revealed that this group might not align with the current microhousing criteria. Figure 3, shows the decision-making process of choosing to reside in a micro-housing unit.
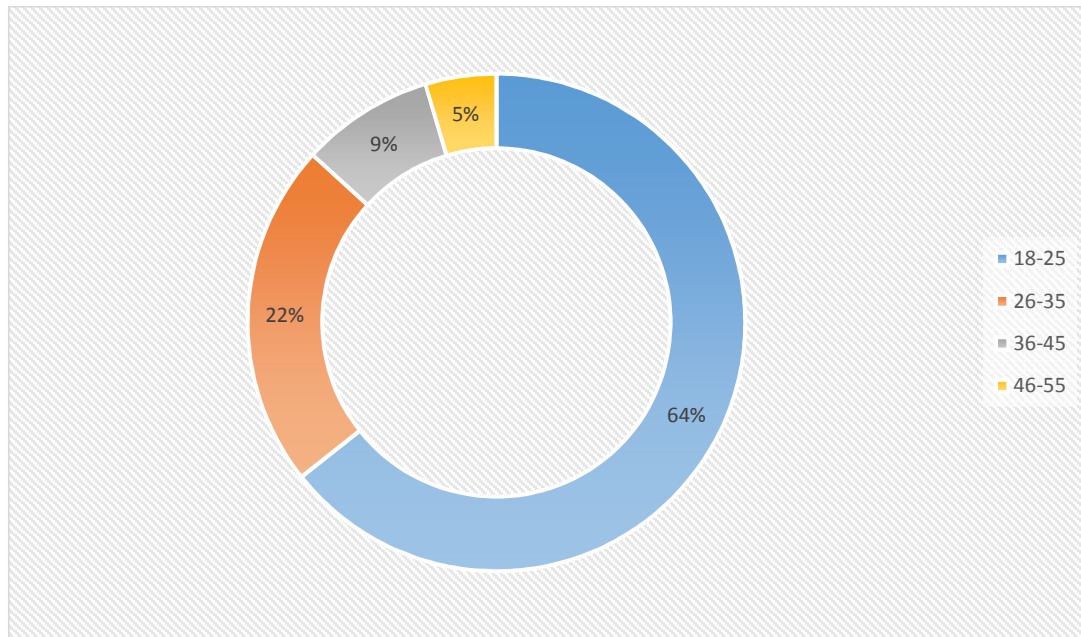
Figure 3: Illustrated the make choice of living in a micro-housing unit.

c. Interest in Micro Housing:

When asked about their opinion on living in a micro-housing setup, 90 out of 150 respondents expressed interest, provided certain conditions were met, including comfort, openness, spacious zones, and good views. Notably, a significant portion of respondents falling within the 18-35 age group suggests that this potential user group may not be entirely independent, emphasizing the need for tailored design considerations.

The research underscores the necessity of rethinking micro-housing design, moving beyond the conventional affordable housing model. Insights from the survey emphasize the importance of catering to a more diverse user group, addressing their specific needs, and redefining micro-housing to align with the changing preferences and lifestyles of the contemporary demographic. As urban landscapes transform and lifestyles evolve, the concept of micro-housing gains prominence in addressing the changing needs of dynamic individuals. This discussion explores the key factors influencing the design and location considerations for micro-housing, emphasizing the importance of facilities, amenities, and proximity to daily activities.

d. Micro Housing Facilities and Amenities:

Recognizing that micro-housing cannot provide all necessary facilities within its limited space, a strategic approach involves placing significant emphasis on the building itself and its location. The inclusion of amenities such as swimming pools, gyms, and recreational spaces becomes crucial, enhancing the overall living experience for residents.

e. Urban Evolution from Bombay to Mumbai:

The shift from Bombay to Mumbai reflects more than just a change in nomenclature; it signifies a broader evolution in lifestyle. The accelerating pace of urban life necessitates simplifying daily routines, including escaping traffic and minimizing travel distances. The desire to live closer to workspaces, transportation hubs, public spaces, socializing spots, and emergency facilities has become a priority, shaping the criteria for selecting an ideal living space.

f. Generational Shifts in Living Preferences:

Examining the differences in the idea of living between generations reveals contrasting trends. Dynamic individuals, characterized by multitasking and a focus on work-life balance, prioritize flexibility and independence. In contrast, static individuals adhere to fixed routines, often associated with traditional 9-to-5 desk jobs and family-oriented lifestyles. For dynamic individuals, the goal extends beyond merely owning a house; it involves creating a living space that complements their multitasking lifestyle. This shift has led to more independent individuals moving out at an early age, seeking personalized and comfortable spaces that transcend the conventional idea of a house. The desire for a home that serves as a sanctuary amidst life's chaos is a common theme, reflecting the importance of creating a space that resonates with individual identity. As urban life continues to evolve, micro-housing emerges as a viable solution for accommodating the changing preferences and lifestyles of dynamic individuals. By incorporating strategic design elements, emphasizing amenities, and aligning with the evolving idea of living, micro-housing can cater to the diverse needs of modern urban dwellers, offering a unique and personalized living experience.

g. Target Audience:

A broad understanding of the respondents reveals a majority being working professionals or students with family setups typical of the average Indian household. To identify an audience characterized by independence and dynamism, an open-ended research approach utilized online platforms, including websites and social media, to gain insights into individual lifestyles.

h. Blogging and Influencer Culture:

In the contemporary landscape, the rise of bloggers and influencers has become notable. These individuals dedicate considerable time to creating content wherever they are, turning any space into a workspace.

From fashion styling videos to brand endorsements and vlogs, significant effort is invested, with much of the process, including setup, shoots, and editing, taking place at home. For those leading a busy lifestyle, especially in the current scenario where working from home is prevalent, having a supportive living space becomes imperative.

i. The Musician:

A similar scenario applies to musicians, whether they are singers, songwriters, or music producers.

How does their living space accommodate their creative work? Can it offer a designated workspace for practice or facilitate regular video recordings for social media? Musicians, engaging in daily practice routines and recording sessions to connect with their audience, have adapted to the new normal of operating from home.

j. Need vs Want Vs Desire:

Distinguishing between necessities, wants, and desires is crucial. Basic needs encompass fundamental requirements like clothing, food, and shelter. Wants to refer to items or goals one wishes to have, such as a vehicle or a permanent home. Desires extend beyond wants and represent fervent aspirations. While needs are constant and universal, wants and desires are subjective and can evolve. Recognizing the importance of mental well-being wants and desires, though not always tangible, contribute to an individual's sense of comfort, satisfaction, and belonging.

k. Primary and Secondary Programs:

i. Primary Program:

The primary program incorporates various innovative concepts aimed at optimizing space and enhancing functionality:

1. *Rotating Walls:* This furniture element serves as a storage unit with a partitioning function. Mounted on wheels and attached to the ceiling through a ball mechanism, it can move along a track to create partitions and provide storage spaces. These walls have multiple functions, offering storage for personal and work-related items while also serving as decorative shelves. The flexibility to move these walls allows users to adjust the size of the space according to their needs.

2. *Eating Space:* A stove cover doubles as an eating space for 2-3 users when needed and seamlessly retracts into the wall when not in use.

3. *Workspace:* This multifunctional space caters to professionals, providing an area for work and household chores. The design includes a table for work and ironing clothes, along with a movable washing machine on wheels that enhances the workspace. A flying hanger system attached to the ceiling facilitates drying clothes, featuring a simple rope mechanism for lowering and lifting the hanging rods.

4. *Murphy Bed:* Transforming the space into a sleeping and socializing area, the Murphy bed integrates storage, seating, and a shelf that acts as a support when the bed is in use. These elements are strategically combined to address the challenges posed by the ongoing COVID situation, facilitating seamless multitasking.

l. Designing Keeping in Mind the Future:

The design not only emphasizes present needs but also anticipates future opportunities and flexibility:

1. Adaptable Architecture:

The absence of fixed walls and elements considers future possibilities for both the overall building and individual units. During renovations or demolitions, the lack of fixed elements offers an open space, simplifying the process. In the case of individual units, the absence of fixed walls allows for easy changes, and renovations, and facilitates the moving-out process.

2. Scalability and Reconfiguration:

The design's adaptability allows for scalability in the building's layout. Without fixed walls dividing apartments, adding or subtracting units becomes more straightforward, providing flexibility for future modifications.

Similarly, within individual units, the absence of fixed elements allows for easy renovation and minor adjustments, offering convenience for residents. This approach aligns with the evolving needs and dynamics of modern living.

3. Developing Design Brief:

Embracing small living doesn't imply a compromise on lifestyle; rather, it mirrors the global shift towards gradually inhabiting more compact spaces. This trend signifies a departure from the spacious living arrangements of the past to a more minimalist, low-maintenance, and mobile lifestyle. Individuals seeking a home that complements their minimalistic and on-the-

go existence encounter the challenge of curating a space with only essential and frequently used items. The concept revolves around a fluid living environment devoid of conventional room designations but rather designated for specific activities. It redefines spaces as functional areas such as sleeping, working, socializing, and eating, eliminating the need for categorized rooms. This innovative approach challenges conventional housing layouts, emphasizing flexibility, technological integration, innovative solutions, and conscious living tailored to individual lifestyles.

4. In-House Facilities:

Similar to other micro-housing projects, Micro Reboot places a strong emphasis on in-house facilities and amenities. Recognizing the systemic need for more public spaces in Mumbai, India, Micro Reboot aims to provide a solution by integrating various services and amenities within its design. While broader systemic changes may take time, upcoming projects like Micro Reboot strive to offer a range of in-house facilities to enhance the quality of living in a more accessible manner. This mood and material board evoke a subtle and raw aesthetic for the space. The design embraces minimal colors and materials, directing focus towards the functional elements. Figure 4 portrays the multifunctionality, flexibility, and alternative features.
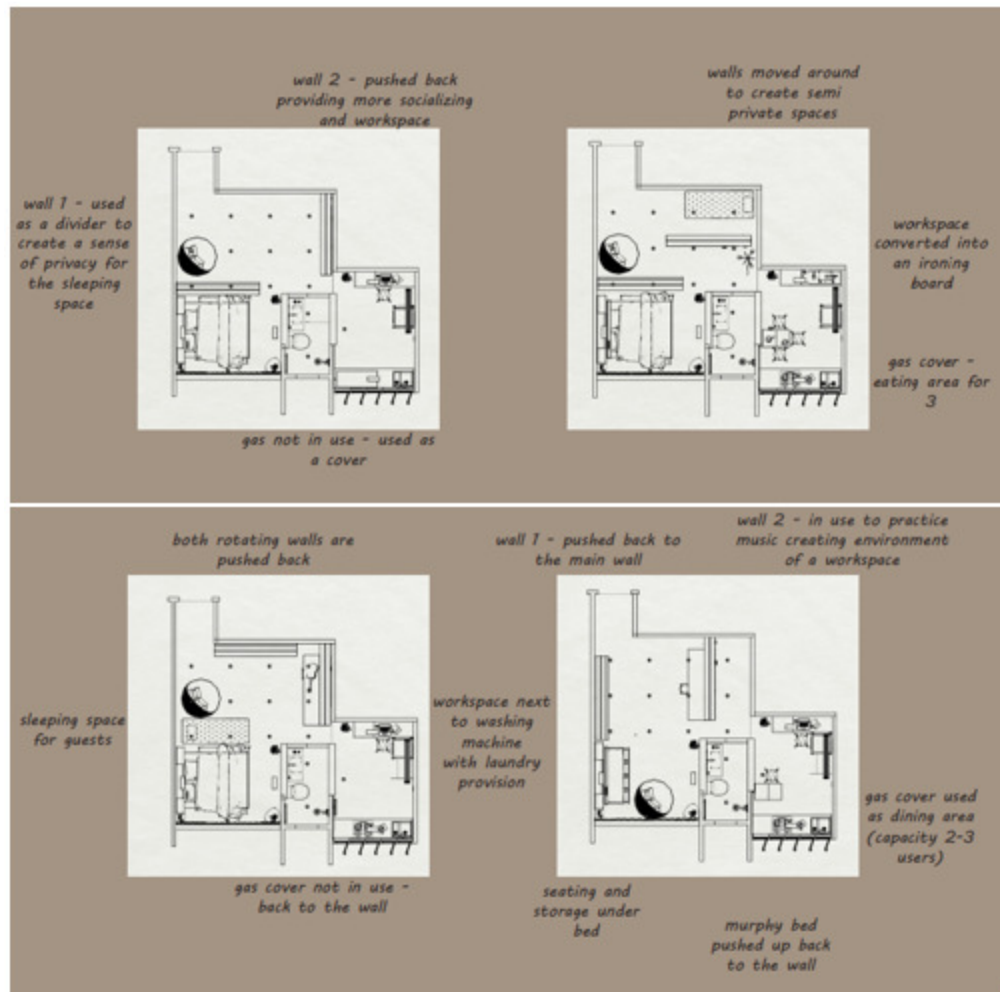
Figure 4: Illustrate the Multi-functionality, Flexibility and Alternatives.

m. Understanding Micro Housing and Its Evolution:

This thesis aimed to redefine a typology within micro-housing, challenging the prevailing notion that micro-apartments are inherently cramped and lack comfort. The prevailing scenario in micro housing projects contributes to this perception, often driven primarily by monetary considerations. Despite the promise of well-designed affordable housing, the delivery often falls short. This observation prompts questions about why micro-housing projects are consistently tailored for affordability. It also raises inquiries into the preferences of individuals with financial means, exploring the desire for more substantial living spaces and dedicated rooms for various activities.

In delving into these questions, it became apparent that a significant design gap exists. The concept of multifunctional spaces within a room is discussed, yet the very structure of the room limits overall efficiency. A well-designed space transcends the confines of traditional four walls, sometimes necessitating the elimination of walls altogether. This realization led to the development of the idea of creating a space without interior walls. However, a nuanced understanding emerged that, as humans, there is an inherent need for privacy, boundaries, and partitions, pointing towards the incorporation of moving and rotating walls. In addition to this concept, various multifunctional elements were integrated into the space, providing users with the ability to accomplish more within their living environment. Another program introduced in this project is the inclusion of common spaces on a vertical level. Recognizing the need for systemic change to introduce more public and recreational spaces, housing projects can contribute by incorporating communal areas on different floors. This initiative aims to foster a sense of community among residents. Lastly, the project challenges the conventional approach of following a set layout for housing projects. By designing spaces tailored to the right audience and considering user needs, flexibility, and dynamism can be introduced into housing layouts.

5. CONCLUSION

The research offers a fresh perspective on micro-housing, challenging established norms, and presenting innovative solutions. The prevailing notion that micro-apartments are inherently cramped is scrutinized, and the focus shifts towards delivering well-designed, comfortable spaces. The introduction of moving and rotating walls allows for flexibility, catering to the diverse needs of users. Common vertical spaces encourage community engagement, contributing to a more holistic living experience. The study underscores the importance of rethinking micro-housing design, moving beyond the conventional affordable housing model. Insights from surveys and interviews emphasize the need to cater to a more diverse user group and redefine micro-housing to align with contemporary preferences. By incorporating strategic design elements, emphasizing amenities, and considering the evolving idea of living, micro-housing can adapt to the changing needs of dynamic individuals. This research serves as a foundation for future developments in micro-housing, urging designers and developers to prioritize user-centric, flexible designs for a more sustainable and satisfying living experience.

REFERENCES:

[1] M. A. Saleem, K. U. Zaman, B. Khan, and M. I. Qureshi, "Impact of Micro finance in Raising the Living Standard of People of D . I . Khan," *J. Manag. Sci.*, vol. V, no. 1, pp. 75–83, 2011.

[2] R. F. Canadas *et al.*, "Convection patterns gradients of non-living and living micro-entities in hydrogels," *Appl. Mater. Today*, vol. 21, 2020, doi: 10.1016/j.apmt.2020.100859.

[3]   E. Harris and M. Nowicki, "'GET SMALLER'? Emerging geographies of micro-living," *Area*, vol. 52, no. 3, pp. 591–599, 2020, doi: 10.1111/area.12625.

[4]   Q. Mai *et al.*, "Magnetically empowered bone marrow cells as a micro-living motor can improve early hematopoietic reconstitution," *Cytotherapy*, vol. 25, no. 2, pp. 162–173, 2023, doi: 10.1016/j.jcyt.2022.11.002.

[5]   M. G. Chown and S. Kumar, "Imaging and manipulating the structural machinery of living cells on the micro- and nanoscale," *International Journal of Nanomedicine*, vol. 2, no. 3. pp. 333–344, 2007.

[6]   R. Mohamed, A. Cordie, J. V. Lazarus, and G. Esmat, "Micro-elimination of hepatitis C among people living with HIV in Egypt," *Liver International*, vol. 41, no. 7. pp. 1445–1447, 2021. doi: 10.1111/liv.14974.

[7]   E. Clinton, "Micro-living: why occupants choose to live in very small dwellings?*," *Aust. Plan.*, vol. 55, no. 3–4, pp. 189–197, 2018, doi: 10.1080/07293682.2019.1632363.

[8]   D. Gupta, "Living with in-mask micro-climate," *Medical Hypotheses*, vol. 144. 2020. doi: 10.1016/j.mehy.2020.110010.

[9]   J. Perera, "Impact of Micro Finance Activities to Living Standard of People in a Selected Area in Sri Lanka Impact of Micro Finance Activities to Living Standard of People in a Selected Area in Sri Lanka," *Int. J. Eng. Manag. Res.*, no. November, 2020.

[10]   K. Shibata, A. A. Benson, and M. Calvin, "The absorption spectra of suspensions of living micro-organisms," *BBA - Biochim. Biophys. Acta*, vol. 15, no. 4, pp. 461–470, 1954, doi: 10.1016/0006-3002(54)90002-5.

[11]   R. Yang *et al.*, "Organic Fluorescent Probes for Monitoring Micro-Environments in Living Cells and Tissues," *Molecules*, vol. 28, no. 8. 2023. doi: 10.3390/molecules28083455.

[12]   H. Wang and M. Pumera, "Micro/Nanomachines and Living Biosystems: From Simple Interactions to Microcyborgs," *Adv. Funct. Mater.*, vol. 28, no. 25, 2018, doi: 10.1002/adfm.201705421.

[13]   O. Fisher, "The impact of micro and macro level factors on the working and living conditions of migrant care workers in Italy and Israel-a scoping review," *Int. J. Environ. Res. Public Health*, vol. 18, no. 2, pp. 1–33, 2021, doi: 10.3390/ijerph18020420.

[14]   A. Rivero-Juarez *et al.*, "Progression to hepatitis C virus micro-elimination in people living with HIV in Spain," *Clinical Microbiology and Infection*, vol. 27, no. 5. pp. 800–801, 2021. doi: 10.1016/j.cmi.2020.10.023.

[15]   M. F. A. Bakar, M. R. M. Rathi, V. Michael, C. Jimel, Z. Wasli, and A. Bujang, "Plastic waste micro-management towards innovative sustainable living in inspiring art practice," *Int. J. Asian Soc. Sci.*, vol. 13, no. 7, pp. 225–236, 2023, doi: 10.55493/5007.v13i7.4845.

[16]   Y. Fu *et al.*, "Photocatalytic H2O2 and H2 Generation from Living Chlorella vulgaris and Carbon Micro Particle Comodified g-C3N4," *Adv. Energy Mater.*, vol. 8, no. 34, 2018, doi: 10.1002/aenm.201802525.

[17]   J. Paniker, "Optimizing The Spatial Configuration of Existing Micro-Apartment Designs in Developed Countries," vol. 10, no. 03, pp. 24–47, 2022, [Online]. Available: www.ijert.org

[18] X. Ren, "Reimagining local worlds: Wen village conservation and regeneration by Amateur Architecture Studio," *Built Herit.*, vol. 7, no. 1, p. 26, Nov. 2023, doi: 10.1186/s43238-023-00108-x.

[19] M. Boșa-Moisin and R. Schreiber, "'MADE IN INDIA' THROUGH CULTURAL SUSTAINABILITY-EXPLORING AND EXPANDING INDIAN PERSPECTIVES Thesis for Two year Master, 30 ECTS Textile Management," 2021.

[20] Y. K. Dwivedi *et al.*, "Metaverse beyond the hype: Multidisciplinary perspectives on emerging challenges, opportunities, and agenda for research, practice and policy," *Int. J. Inf. Manage.*, vol. 66, 2022, doi: 10.1016/j.ijinfomgt.2022.102542.

CHAPTER 13

FASHIONING THE FUTURE: A PARADIGM SHIFT IN COMFORT, SAFETY, AND STYLE

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ABSTRACT:

The fashion landscape is undergoing a profound metamorphosis in the wake of the COVID-19 pandemic. This study embarks on an exploration of the intricate interplay between comfort, safety, and style in shaping the new normal for consumers and the fashion industry. The heightened awareness of health considerations and the extended periods of home confinement have not only redefined individual preferences but also prompted a reassessment of industry practices. From the rise of versatile, enduring fashion to the establishment of a health-centric economy, this investigation delves into the emerging trends and scenarios that will define the post-pandemic era.

Through a lens that encompasses the virtual realm, economic challenges, and societal shifts, this research aims to illuminate the path forward in a fashion landscape marked by unprecedented change. This study delves into the transformative impact of the COVID-19 pandemic on the fashion industry and consumer behaviors, emphasizing the evolving dynamics of comfort, safety, and style. It explores the shift in preferences, particularly towards versatile and enduring fashion choices, as well as the emergence of a new health-conscious and home-centric economy.

The study also considers the potential influence of virtual experiences, the challenges faced by the industry, and the prospects for a post-pandemic future. Through a blend of insights, trends, and scenarios, this research aims to provide a comprehensive understanding of the multifaceted changes reshaping the fashion landscape.

KEYWORDS:

Consumer Behaviors, COVID-19, Economy, Fashion Landscape, Fashion Industry, Pleasure Revolution.

5. INTRODUCTION

The ultimate aim is to feel comfortable in what you wear. When your clothes embrace you, it signifies a perfect fit. For me, the goal is to share this sense of comfort with others. Every individual possesses the innate instinct of fight or flight. If, like me, you sometimes feel weary of the constant struggle, opting for flight becomes an option. This collection is designed to facilitate that escape from perpetual anxiety and paranoia. While the pandemic will eventually recede, it won't vanish entirely; it may even evolve into a more formidable form [1], [2]. Throughout the extended period of confinement, you came to appreciate the value of solitude and comfort.

Although you yearned to resume social activities as the pandemic waned, the self-realizations, habits, and behaviors cultivated during that time are not easily forgotten. Even as the world seems to return to normal, your mind may not follow suit. Despite the eagerness to return to work and socialize, concerns about safety persist, bringing a sense of relief upon returning home a sanctuary from an obsessing mind.

Balancing the desire for a normal life with the need for safety and comfort remains a constant challenge. The search for equilibrium continues, as at home, the goal is to find ways to alleviate anxiety and enjoy life's experiences, even if from the comfort of your couch.

The Pleasure Revolution is underway, as consumers confront a diverse set of expectations and recognize the mental and physical toll of self-actualizing pursuits [3], [4]. In this era of reflection, selfishness, and solitude, the relentless pursuit of achievement is proving counterproductive, prompting consumers to hit the pause button. It's crucial to explore the reasons behind untangling guilt associated with free time, challenging modern work norms, and advocating for the post-capitalist act of opting out.

1.1.Predicted Trends:

i. Vanity Redefined

ii. Homebody Economy

iii. Slacker Culture

iv. Serendipitous Living

v. Neo-Pleasure

vi. Practical Boredom

Looking back, consumers find themselves caught in a whirlwind of perfectionism, side hustles, and an unending quest for optimization, prompting them to reevaluate their role in the capitalist system. The insight gained reveals a shift from the relentless pursuit of achievement to embracing moments of downtime, pleasure, and serendipity, fostering a new perspective on life [5], [6]. Looking ahead, as tomorrow's consumers seek equilibrium, societies and brands will adapt to cater to the desires that accompany a slower, more introspective, and joyful lifestyle. The pleasure revolution signifies a transformative shift in priorities and values, reshaping both individual lives and the broader societal landscape. Figure 1, shows the Visual Representation of Abode.
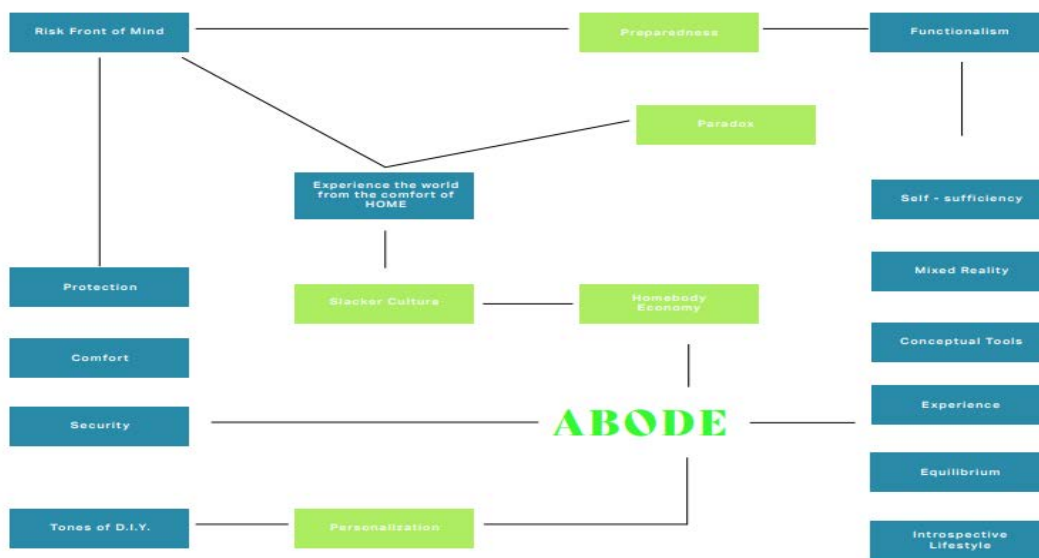

Figure 1: Illustrate the Pictorial representation of Abode.

In the era of the Homebody Economy, a new economic landscape has emerged, centered around self-care as the pinnacle of cool. Generation Z, yearning for comfort, has transformed staying at home into a form of personal branding a method to assert control over social anxiety and resist societal pressures to constantly go out and embrace a youthful lifestyle.

1.2. Scenario Planning:

The current scenario, dominated by the COVID-19 pandemic, has compelled the global population to confine themselves to their homes. The myriad restrictions imposed during this period have gradually led people to adapt to a home-centric lifestyle, fostering the cultivation of new habits and skills.

The pandemic caught the world off guard, revealing the unpreparedness of governments globally. The resulting chaos has affected millions, leaving a lasting impact on society. As the immediate threat of the virus diminishes, it stands as the most significant global event of our time, shaping current human attitudes and behaviors and prompting organizations to adapt. However, the need to respond won't dissipate with the eventual decline of the virus. Despite a return to normalcy, an underlying anxiety persists in people's lives.

Home becomes the ultimate refuge to cope with this lingering anxiety. Imagine a future where things are seemingly back to normal—face-to-face meetings, unrestricted travel, and readily available toilet paper. However, the aftermath of COVID-19 has permanently altered the way individuals experience being customers, employees, citizens, and humans. The Homebody Economy reflects not just a temporary shift but a fundamental transformation in societal values and behaviors.

6. DISCUSSION

Adyot, one of my favorite artists, recently posed an open-ended question on his Instagram stories, and the responses align so closely with the themes of my thesis that I immediately recognized their potential to enhance its value. Adyot's accompanying illustrations, characterized by their rawness and comfort, further contribute to the resonance of the insights. The erosion of confidence in the current landscape emphasizes the heightened importance of trust. In this context, justifiable optimism emerges as a marketable commodity. These shifts may redefine the concept of premium products and services. The positive outlook on personal finances has been a cornerstone of global and regional confidence. However, as optimism wanes concerning job prospects and spending intentions already on a decline pre-COVID-19 the initial impact on consumers, temporarily cushioned by stable household balance sheets, is now giving way to a domino effect. Government-imposed lockdowns to combat the COVID-19 pandemic, coupled with a decrease in consumer spending, have triggered a cascading series of consequences. Shuttered businesses and ensuing job losses are diminishing incomes and putting strain on household finances. This, in turn, weakens consumer demand, perpetuating a cycle of job losses and instability. The resulting negative impact on personal finances further restrains spending intentions, creating a complex and interconnected web of economic challenges. Adyot's illustrations, with their comforting authenticity, complement these insights and provide a visual narrative to the evolving dynamics explored in my thesis.

The compelled transition to virtual modes of working, consuming, and socializing during the height of the pandemic is expected to catalyze a significant and broader shift towards virtual activities in various domains. Success in this evolving landscape will favor those who actively explore and test the diverse creative possibilities associated with the virtual realm. The surge in the use of, and investment in, virtual and augmented reality is already anticipated as a lasting outcome of the COVID-19 pandemic. This shift towards virtual experiences will impact

communication methods in learning, working, transactions, and consumption, influencing everyone across different sectors. It's evident that individuals who were previously hesitant to fully embrace digital tools have now been compelled to do so, with COVID-19 acting as a catalyst that permanently propels even the most resistant individuals online [7], [8]. Having invested effort and adapted to new habits and interfaces, many are unlikely to revert to their previous ways.

Companies that go beyond merely connecting individuals with products in virtual spaces and instead create platforms for people to seek, offer, or provide assistance will establish virtual connections and communities with enduring significance. The advice is to virtualize experiences and delivery methods whenever possible, but without dismissing the value of real-world interactions [9], [10]. The key lies in envisioning new experiences and spaces that break free from the limitations of the physical realm, while also recognizing how virtual and real experiences can coexist and complement each other in a harmonious balance.

A health-centric economy is poised to emerge, offering opportunities for all to participate. Every business will need to navigate its role within a new health ecosystem that will significantly shape public consciousness. People are increasingly realizing the limitations of existing health structures and are seeking support in all aspects of their lives. Consequently, there is a growing demand for health-oriented experiences, and conversely, health considerations should be integrated into every experience. The evolving landscape implies that every business, in some capacity, needs to align itself with health-conscious practices, including mental health [11], [12]. The paradigm shift extends to the reassessment of every experience, product, and service based on its impact on individual health. Whether consciously or subconsciously, people will evaluate everything according to its potential to enhance or diminish their well-being.

This shift underscores the imperative for businesses to recognize and incorporate health considerations into their strategies, acknowledging the interconnectedness of health with every facet of life. The concept of cocooning is gaining prominence, driven by a desire for a retreat to the home, and those with innovative strategies to enable it will take center stage. Focusing on the home will be crucial for success, especially considering the increased time spent at home during the height of the crisis, particularly by workers. Post-crisis, this pattern is expected to persist, with meaningfulness and comfort carrying a premium [13], [14]. The retreat to a safe space, emphasized by the call for self-isolation, positions the home as the epicenter of life and experience.

This shift in social context has sparked creative responses worldwide, presenting opportunities for capturing and responding to the innovation emerging from this new melting pot of experiences. While emphasizing the local and products closely tied to the community may instill a sense of safety, it's important to recognize that some individuals may still crave connections with the unfamiliar.

In the realm of the ongoing pandemic, the mutation known as D614G in the SARS-CoV-2 virus has stirred a debate. This mutation affects the spike protein on the virus' surface and, although not new, has become more prevalent in recent samples. Studies suggest that virus particles with this mutation may have an easier time entering cells, potentially making it the dominant version of SARS-CoV-2.

This ongoing scientific discourse highlights the complexity of the virus and the need for ongoing research to understand its implications for spread and potential vaccine effectiveness. Figure 2, shows the Graphic Representation of SARS-CoV-2.
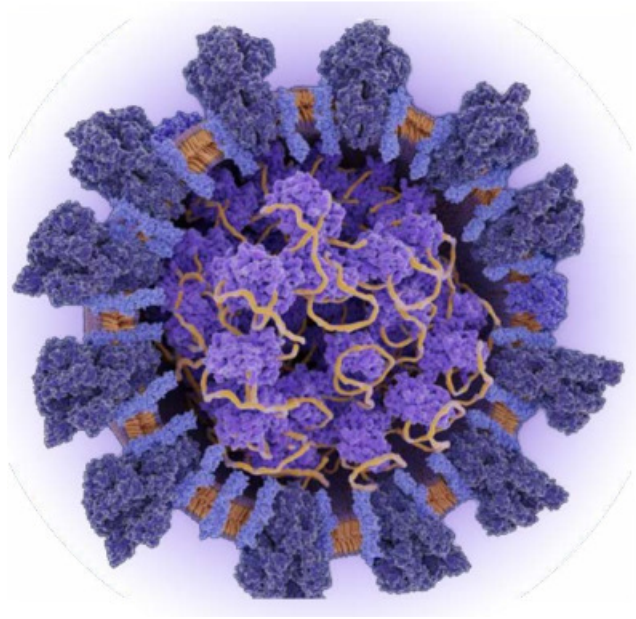
Figure 2: Illustrate the pictorial representation of SARS-CoV-2.

6.1.Vaccine:

Encouragingly, the Scripps Research Institute in Florida suggests that a vaccine is likely to be effective against variants featuring this mutation. The positive aspect is that the mutations are slow and mild, which bodes well for vaccine efficacy. Typically, vaccines target an early version of the virus. In contrast, the flu virus exhibits rapid and unpredictable mutations each year. Additionally, our immune system tends to have a limited memory for flu viruses, necessitating revaccination every year. Even if random mutations occur, Dr. Schleiss believes the worst-case scenario would involve some breakthrough infections but not life-threatening diseases [15], [16]. Therefore, the critical factor lies in the duration of vaccine effectiveness before the need for revaccination, emphasizing the importance of the vaccine's reach.

Positive: The vaccine proves effective, alleviating concerns and paving the way for a return to a semblance of normalcy. While it may not fully replicate the past, it offers a significant step towards resuming daily life. The vaccine's effectiveness is not in question, providing assurance for a potential return to the way things were.

Negative: On the flip side, concerns arise as the vaccine's reach may be limited, possibly accessible only to a specific economic stratum. The majority of the public lives with ongoing anxiety and fear, anticipating a prolonged period of uncertainty.

Probable: The most likely scenario entails a gradual but eventual reach of the vaccine to the masses. It effectively manages mutations, albeit requiring periodic revaccination. While mutations might not be fatal, they could extend the virus's impact for years, preventing a complete eradication. The looming presence of the virus continues, causing persistent paranoia, and a return to complete normalcy seems distant.

Ultimate: The vaccine successfully controls all forms of the virus, reaching the masses and eradicating the last traces of COVID-19. The threat of a pandemic fades away, and people no longer feel threatened by a plague-like situation. The intensity of the pandemic subsides, ushering in a return to a state of normalcy as known before the outbreak.

Every aspect of our lives, including our clothing choices, has been profoundly affected. However, for the fashion industry, a return to the pre-pandemic "normal" may not be feasible. During lockdowns, casual attire, such as trackpants, unexpectedly became a fashion trend. Francesca Muston, Vice President of Fashion Content at WGSN, a major trend forecasting agency, believes that there won't be a return to the old normal and that everything will undergo fundamental changes. Younger generations, already inclined towards streetwear, sneakers, and activewear for their comfort, are now further raising the bar of expectations for fashion due to the widespread impact of shutdowns [17], [18]. The shift towards staying in more has altered our perceptions of what a "flexible" outfit entails. Muston emphasizes the economic impact of the pandemic on consumer spending, with a significant number of fashion brands experiencing negative effects. In response to an overflow of existing stock and the challenge of creating standout new stock, Muston suggests that versatility is key. Products that serve multiple purposes, such as being suitable for both working out and going out, are more likely to succeed. The current demand for versatility is not just for the present but also reflects shoppers investing in pieces that offer long-term value, known as "forever pieces."

Direct-to-consumer brands are excelling by differentiating themselves through problem-solving approaches. These brands invest in research and development, focusing on technical fabrics that offer breathability and resist wrinkling. Despite the shift towards a more subdued and comfort-focused style, people still desire to look nice. The idea is not a perpetual future of dystopian loungewear, but rather an evolution where traditional categories like fitness wear, casual wear, formal wear, and party wear start breaking down. Muston envisions a more fluid approach to dressing, reflecting the dynamic and diverse ways people live their lives. As we anticipate an eventual end to the pandemic and a return to regular work routines, individuals are approaching this transition with a different set of expectations. Having experienced the pandemic, people are conditioned to prioritize comfort and safety in their daily lives. Renee Henze, the Global Marketing and Commercial Development Director at DuPont Industrial Biomaterials, suggests that this is an opportune moment for brands and designers to explore innovative material choices for more enduring and comfortable styles in the future of fashion. Safety considerations are likely to influence purchase decisions, leading many brands to introduce new fabric technologies designed to combat viruses. For instance, Diesel has unveiled "virus-fighting" denim antiviral fabric technology, claiming the ability to disable over 99 percent of viral activity within two hours of contact. London-based Apposta also touts the virus-resistant properties of its dress shirts' fabric, emphasizing the reduction of bacteria and viruses, including COVID-19. These emerging trends serve as a wake-up call for apparel manufacturers and retailers, urging them to be prepared for a significant shift in consumer behavior and expectations [19], [20]. The demand for softer materials and relaxed fits in work attire, coupled with a focus on safety, is expected to rise. COVID-19 is anticipated to reshape occupational safety and health practices in various ways. With safety becoming a daily discourse among politicians, advertisers, journalists, and public health officials, organizations will intensify their focus on safety measures and emergency preparedness, moving beyond just weather-related incidents. The pandemic has instilled a sense of purpose, prompting a departure from reliance on traditional approaches and encouraging a more proactive mindset.

7. CONCLUSION

In conclusion, the fashion industry is at the cusp of a transformative journey, with the COVID-19 pandemic acting as a catalyst for change. The findings of this study underscore the enduring impact of the pandemic on consumer behaviors and industry practices. The shift towards versatile, enduring fashion choices, the redefinition of premium products and services, and the emphasis on health considerations are poised to reshape the fashion landscape in profound

ways. As the industry navigates challenges posed by economic shifts and virtual experiences, the key lies in adaptation and innovation. The Pleasure Revolution, symbolizing a shift in priorities and values, reflects the broader societal changes that will continue to unfold. Ultimately, the future of fashion lies in a delicate balance between comfort, safety, and style, paving the way for a reimagined industry that aligns with the evolving needs and expectations of consumers in the post-pandemic era.

REFERENCES:

[1]   P. Aspers, P. Bengtsson, and A. Dobeson, "Market Fashioning," *Theory Soc.*, 2020, doi: 10.1007/s11186-020-09379-0.

[2]   L. Y. S. Lee, "Fashioning tourism future for visiting large cities," *J. Tour. Futur.*, 2023, doi: 10.1108/JTF-07-2021-0186.

[3]   A. James, J. Power, and A. Waling, "Conceptualising the continuum of female genital fashioning practices," *Heal. Sociol. Rev.*, 2020, doi: 10.1080/14461242.2020.1811749.

[4]   R. Roodsaz and W. Jansen, "Enabling sexual self-fashioning: embracing, rejecting and transgressing modernity among the Iranian Dutch," *J. Ethn. Migr. Stud.*, 2019, doi: 10.1080/1369183X.2018.1435993.

[5]   A. James, "Genital fashioning: Postfeminist discourse and mediating understandings of choice," *Fem. Psychol.*, 2022, doi: 10.1177/09593535221083842.

[6]   H. Richards and F. Mattioli, "Fashioning founders: Dress and gender in the entrepreneurial ecosystem," *Gender, Work Organ.*, 2021, doi: 10.1111/gwao.12641.

[7]   H. Chowdhury, "The Life and Times of Begum Qudsia Aizaz Rasul: An Exploration of Muslim Women's Self-Fashioning in Post-Colonial India," *South Asia J. South Asia Stud.*, 2021, doi: 10.1080/00856401.2021.1878418.

[8]   S. Kaplan, "'Bringing Your Full Self to Work': Fashioning LGBTQ Bankers on Wall Street," *Anthropol. Work Rev.*, 2022, doi: 10.1111/awr.12231.

[9]   M. Belitski, C. Guenther, A. S. Kritikos, and R. Thurik, "Economic effects of the COVID-19 pandemic on entrepreneurship and small businesses," *Small Bus. Econ.*, 2022, doi: 10.1007/s11187-021-00544-y.

[10]   O. B. Adedoyin and E. Soykan, "Covid-19 pandemic and online learning: the challenges and opportunities," *Interactive Learning Environments*. 2023. doi: 10.1080/10494820.2020.1813180.

[11]   P. Chowdhury, S. K. Paul, S. Kaisar, and M. A. Moktadir, "COVID-19 pandemic related supply chain studies: A systematic review," *Transp. Res. Part E Logist. Transp. Rev.*, 2021, doi: 10.1016/j.tre.2021.102271.

[12]   E. T. Baloran, "Knowledge, Attitudes, Anxiety, and Coping Strategies of Students during COVID-19 Pandemic," *J. Loss Trauma*, 2020, doi: 10.1080/15325024.2020.1769300.

[13]   A. Mahmud, D. Ding, and M. M. Hasan, "Corporate Social Responsibility: Business Responses to Coronavirus (COVID-19) Pandemic," *SAGE Open*, 2021, doi: 10.1177/2158244020988710.

[14] D. Roy, S. Tripathy, S. K. Kar, N. Sharma, S. K. Verma, and V. Kaushal, "Study of knowledge, attitude, anxiety & perceived mental healthcare need in Indian population during COVID-19 pandemic," *Asian J. Psychiatr.*, 2020, doi: 10.1016/j.ajp.2020.102083.

[15] K. He, W. J. Mack, M. Neely, L. Lewis, and V. Anand, "Parental Perspectives on Immunizations: Impact of the COVID-19 Pandemic on Childhood Vaccine Hesitancy," *J. Community Health*, 2022, doi: 10.1007/s10900-021-01017-9.

[16] L. Kauhanen *et al.*, "A systematic review of the mental health changes of children and young people before and during the COVID-19 pandemic," *Eur. Child Adolesc. Psychiatry*, 2023, doi: 10.1007/s00787-022-02060-0.

[17] A. J. Harries *et al.*, "Effects of the COVID-19 pandemic on medical students: a multicenter quantitative study," *BMC Med. Educ.*, 2021, doi: 10.1186/s12909-020-02462-1.

[18] U. Klusmann *et al.*, "Teachers' emotional exhaustion during the COVID-19 pandemic: Levels, changes, and relations to pandemic-specific demands," *Teach. Teach. Educ.*, 2023, doi: 10.1016/j.tate.2022.103908.

[19] N. Prawoto, E. P. Purnomo, and A. A. Zahra, "The impacts of Covid-19 pandemic on socio-economic mobility in Indonesia," *Int. J. Econ. Bus. Adm.*, 2020, doi: 10.35808/ijeba/486.

[20] H. T. Abdoul-Azize and R. El Gamil, "Social Protection as a Key Tool in Crisis Management: Learnt Lessons from the COVID-19 Pandemic," *Glob. Soc. Welf.*, 2021, doi: 10.1007/s40609-020-00190-4.