Unlocking the Future of Retail: Navigating the Metaverse for Next-Level Online Shopping Experiences

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Abstract*: The term "metaverse" refers to a collective virtual shared space that is created by the convergence of physical and virtual reality. It encompasses the sum of all virtual worlds, augmented reality, and the internet, forming a space where users can interact with a computer-generated environment and other users in real-time. This paper presents a comprehensive review of the transformative impact of the metaverse on the landscape of retail, specifically focusing on the evolution of online shopping experiences. As technology continues to advance, the metaverse has emerged as a groundbreaking paradigm that redefines the way consumers interact with digital spaces and products. Our review delves into the integration of metaverse technologies into the retail sector, examining the implications for consumer behavior, business strategies, and the overall retail ecosystem. The exploration begins with an overview of the metaverse concept, elucidating its fundamental components and the convergence of virtual and physical realities. Subsequently, we analyze the metaverse's potential to revolutionize online shopping, emphasizing its role in creating immersive and personalized experiences. The paper explores key metaverse technologies such as virtual reality (VR), augmented reality (AR), and mixed reality (MR), providing insights into how these tools enhance product visualization, engagement, and overall customer satisfaction. The paper concludes by outlining future directions for research and development in this dynamic field, highlighting potential advancements, and suggesting areas for further exploration.*

Keywords: Consumer Behavior, Customer Satisfaction, Metaverse, Virtual Reality, Augmented Reality, Online Shopping experience

I. INTRODUCTION

The metaverse has emerged as a transformative force in the realm of online shopping, reshaping the traditional e-commerce landscape and offering consumers and businesses alike a new frontier of possibilities. At its core, the metaverse represents a convergence of virtual and physical reality, creating an interconnected digital universe where users can engage with immersive experiences. In the context of online shopping, this paradigm shift brings about a revolution in how consumers discover, interact with, and purchase products.

One of the primary drivers of the metaverse's impact on online shopping is the utilization of advanced technologies such as virtual reality (VR), augmented reality (AR), and mixed reality (MR). These technologies enable users to transcend the limitations of traditional e-commerce platforms by providing realistic and interactive experiences. For instance, virtual reality allows consumers to enter virtual stores where they can explore products in a three-dimensional space, inspecting details and features as if they were physically present. Augmented reality, on the other hand, overlays digital information onto the real world, allowing users to visualize how products might look and fit within their personal spaces before making a purchase. This blending of the physical and virtual realms creates a more engaging and personalized shopping experience, addressing common challenges associated with online shopping, such as the inability to try before buying.

In the metaverse-driven online shopping experience, product visualization takes center stage. Retailers can leverage immersive technologies to showcase their products in ways that go beyond static images and textual descriptions. Virtual showrooms and AR-enhanced catalogs enable customers to interact with products in unprecedented ways, fostering a deeper connection and understanding of the items they are interested in. This not only enhances the overall customer experience but also contributes to reduced return rates as consumers make more informed purchasing decisions.

Personalization is another key aspect of the metaverse's impact on online shopping. By analyzing user behavior and preferences within the virtual space, retailers can deliver highly targeted and tailored recommendations. AI algorithms can learn from user interactions, providing personalized suggestions and curating virtual storefronts that align with individual tastes. This level of customization enhances user satisfaction, increases the likelihood of successful transactions, and cultivates brand loyalty. As the metaverse evolves, the integration of biometric data and real-time physiological feedback may further enhance personalization, creating an even more intuitive and responsive shopping experience.

Social interaction within the metaverse amplifies the communal aspect of online shopping. Users can navigate virtual shopping environments alongside friends or interact with avatars representing customer support personnel. This social dimension mimics the experience of shopping in a physical store, where individuals can seek advice, share recommendations, and make purchasing decisions collaboratively. The metaverse's social features also extend to virtual events and gatherings hosted by retailers, creating opportunities for community engagement, product launches, and interactive brand experiences.

Despite the promising advancements, the metaverse in online shopping is not without its challenges. Ethical considerations, particularly concerning data privacy and security, become paramount as users engage in immersive and personalized experiences. Striking a balance between gathering user data for personalization and respecting individual privacy is crucial to building trust in metaverse-driven retail platforms. Additionally, issues related to digital inclusivity, accessibility, and standardization must be addressed to ensure that the benefits of the metaverse are accessible to diverse populations.

Several pioneers in the retail industry have already embraced the metaverse to enhance their online shopping experiences. Major brands have developed virtual storefronts, conducted virtual fashion shows, and hosted exclusive events within the metaverse. These early adopters demonstrate the potential for the metaverse to become a mainstream channel for commerce, creating new avenues for brand engagement and revenue generation.

Looking ahead, the future of online shopping in the metaverse holds exciting possibilities. Advancements in haptic feedback technology may allow users to virtually touch and feel products, further bridging the gap between physical and digital experiences. The integration of blockchain technology could enhance transparency and trust in e-commerce transactions, addressing concerns related to counterfeit products and fraudulent activities. As the metaverse continues to evolve, collaboration between technology developers, retailers, and regulatory bodies will be essential to shaping a responsible and sustainable metaverse-driven online shopping ecosystem.

The metaverse is revolutionizing online shopping by introducing immersive and personalized experiences that transcend the limitations of traditional e-commerce. The integration of virtual reality, augmented reality, and mixed reality technologies enhances product visualization, fosters personalization, and facilitates social interaction within virtual shopping environments. While challenges related to data privacy and inclusivity must be addressed, the metaverse holds great potential to redefine the future of online retail, offering consumers and businesses an innovative and dynamic platform for commerce. As the metaverse continues to evolve, it is poised to become a mainstream channel for online shopping, reshaping the way we discover, engage with, and purchase products in the digital age.

II. REVIEW OF LITERATURE

Consumer Behavior in Online Shopping:

Efthymios (2004), Numerous studies have investigated the factors influencing consumer behavior in online shopping. Research often delves into the role of trust, perceived risk, and perceived value in shaping consumers' attitudes and intentions towards online purchases. The convenience, accessibility, and customization offered by online platforms are identified as significant factors driving consumer adoption.

E-commerce Platforms and User Experience:

Jiayue. G (2023) Literature emphasizes the importance of user experience in online shopping. Studies explore website design, navigation, and interface features that enhance user satisfaction and trust. The concept of usability, including factors like page load times and ease of use, is frequently discussed in the context of optimizing the online shopping experience.

Security and Trust in E-commerce:

Maram Saeed.A (2022), Understanding and addressing security concerns is a prevalent theme. Scholars have explored the role of trust in building and maintaining successful online shopping relationships. Topics include the impact of security seals, privacy policies, and secure payment methods on consumer trust and willingness to engage in online transactions.

Mobile Commerce (M-commerce):

E.W.T Ngai (2007), With the proliferation of smartphones, literature on mobile commerce has gained prominence. Researchers examine the unique challenges and opportunities presented by mobile platforms, such as the design of mobile interfaces, consumer adoption of mobile apps, and the impact of location-based services on shopping behavior.

Emerging Technologies in Online Shopping:

Abdullah M (2023), The integration of emerging technologies like artificial intelligence (AI), augmented reality (AR), and virtual reality (VR) has been a subject of growing interest. Scholars investigate how these technologies enhance the online shopping experience, from personalized recommendations to virtual try-on experiences.

Cross-Border Online Shopping:

Yongfeng Chen (2022), The globalization of e-commerce has led to increased interest in cross-border online shopping. Studies explore factors influencing consumers' decisions to purchase from international websites, including cultural influences, trust in foreign retailers, and the impact of shipping costs and delivery times.

Social Commerce and Influencer Marketing:

Noémie Gelati (2022), The rise of social media platforms has given rise to social commerce. Research examines the impact of social networks on shopping behavior, including the influence of peer recommendations, social media advertising, and the role of influencers in shaping consumer preferences.

Online Reviews and Consumer Trust:

Tao Chen (2022), Online reviews play a crucial role in shaping consumer trust and purchase decisions. Scholars investigate the factors that influence the credibility of online reviews, the impact of positive and negative reviews on consumer behavior, and the role of platforms in managing and leveraging user-generated content.

Virtual Reality and Augmented Reality in Online Shopping

Li, H., & Suomi, R. (2019). provides an overview of the applications of VR and augmented reality (AR) in online retailing. It discusses the potential benefits and challenges of implementing VR technology, such as enhancing product visualization, improving customer engagement, and increasing customer satisfaction.

Adoption of Virtual Reality in Retailing

Kim, J., & Forsythe, S. (2017), proposes a theoretical framework for understanding the adoption of VR in retailing. It examines the factors influencing consumers' intention to use VR technology during the online shopping process, including perceived usefulness, perceived ease of use, and perceived enjoyment.

Huang, M. H., & Rust, R. T. (2018), article explores the potential of VR in transforming the future of retailing. It discusses the various applications of VR in the retail industry, such as virtual fitting rooms, virtual showrooms, and virtual product demonstrations. It also highlights the challenges and opportunities that retailers may face when implementing VR technology.

Grewal, D., Roggeveen, A. L., & Nordfält, J. (2020) paper discusses the future of retailing, including the role of VR technology. It examines the potential impact of VR on consumer behavior and the overall shopping experience. It also discusses the integration of VR with other technologies, such as artificial intelligence and mobile applications, to enhance the online retail experience further.

Research Objective

- Explore the impact of metaverse-driven online shopping experiences on consumer behavior, including factors such as purchase decision-making, engagement levels, and the influence of immersive and interactive features on buying preferences.
- Understand how businesses are adopting metaverse technologies in their retail strategies, exploring case studies of early adopters, challenges faced during implementation, and the potential benefits for retailers in terms of customer engagement and revenue generation.

Research Gap

Incomplete Understanding of User Experience Design in Virtual Stores

The design principles and user experience aspects of virtual stores within the metaverse may not be fully explored. A research gap may exist in understanding how the design of virtual environments influences user engagement, navigation, and overall satisfaction, contributing to the optimization of metaverse-driven retail spaces.

III. RESEARCH METHODOLOGY

Developed a comprehensive literature search strategy to identify relevant academic articles, books, conference papers, and industry reports. Utilize academic databases, digital libraries, and scholarly journals with a focus on technology, retail, and consumer behavior. Researcher has developed a conceptual framework that synthesizes key theories, concepts, and findings from the literature. Identify common themes, trends, and theoretical perspectives that emerge in the context of metaverse-based online shopping experiences.

Suggestions

Unlocking the potential of the metaverse for next-level online shopping experiences requires strategic and forward-thinking managerial decisions. Here are detailed managerial suggestions for navigating the future of retail in the metaverse:

1. Invest in Metaverse Technologies:

Allocate resources for research and development in metaverse technologies such as virtual reality (VR), augmented reality (AR), and mixed reality (MR). Collaborate with technology partners to stay at the forefront of advancements that can enhance the online shopping experience.

2. Create Immersive Virtual Stores:

Develop virtual stores within the metaverse that replicate the physical shopping experience. Prioritize realistic and engaging designs, ensuring that users can navigate through products seamlessly and experience a sense of presence and immersion.

3. Implement Personalization Strategies:

Leverage artificial intelligence and machine learning algorithms to analyze user behavior within the metaverse. Tailor product recommendations, promotions, and virtual store layouts to individual preferences, providing a highly personalized online shopping journey.

4. Ensure Data Privacy and Security:

Implement robust data privacy and security measures to address consumer concerns. Clearly communicate privacy policies, use secure payment gateways, and adhere to industry standards to build trust and confidence among metaverse shoppers.

5. Focus on User Experience Design:

Prioritize user experience (UX) design in virtual stores, considering factors such as ease of navigation, visual aesthetics, and interactivity. Conduct user testing and gather feedback to continuously refine and optimize the virtual shopping environment.

6. Strategize for Cross-Platform Integration:

Develop strategies for seamless integration between metaverse platforms and traditional online channels. Ensure that users can transition between the metaverse and standard e-commerce platforms effortlessly, creating a cohesive and omnichannel shopping experience.

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104

7. Invest in Employee Training for Virtual Assistance:

Equip customer service and sales teams with the skills needed to provide virtual assistance within the metaverse. Training should include familiarity with virtual environments, effective communication strategies, and the ability to guide customers through virtual shopping experiences.

**8. Engage in Social Commerce within the Metaverse:**

Capitalize on the social aspects of the metaverse by incorporating social commerce features. Facilitate social interactions, user-generated content, and influencer collaborations within virtual spaces to enhance community engagement and brand loyalty.

9. Monitor and Adapt to Emerging Trends:

Stay vigilant to emerging trends and technological advancements within the metaverse. Regularly assess consumer preferences, competitor strategies, and market dynamics to adapt the retail approach and maintain a competitive edge.

By implementing these managerial suggestions, retailers can position themselves at the forefront of the metaverse-driven online shopping landscape, offering consumers a futuristic and compelling digital shopping experience.

Diagrammatic representation of Implementation of Metaverse in Retail for Next Level Online Shopping Experience
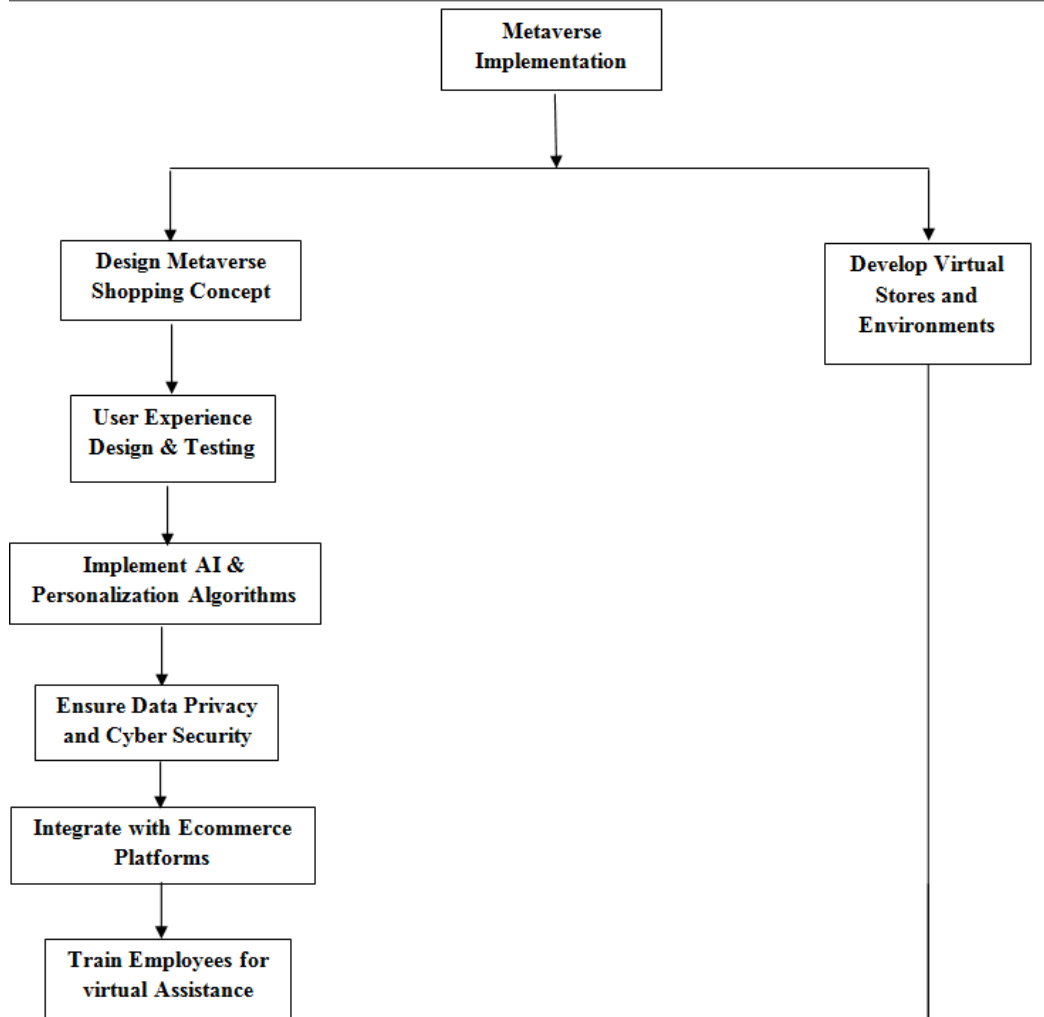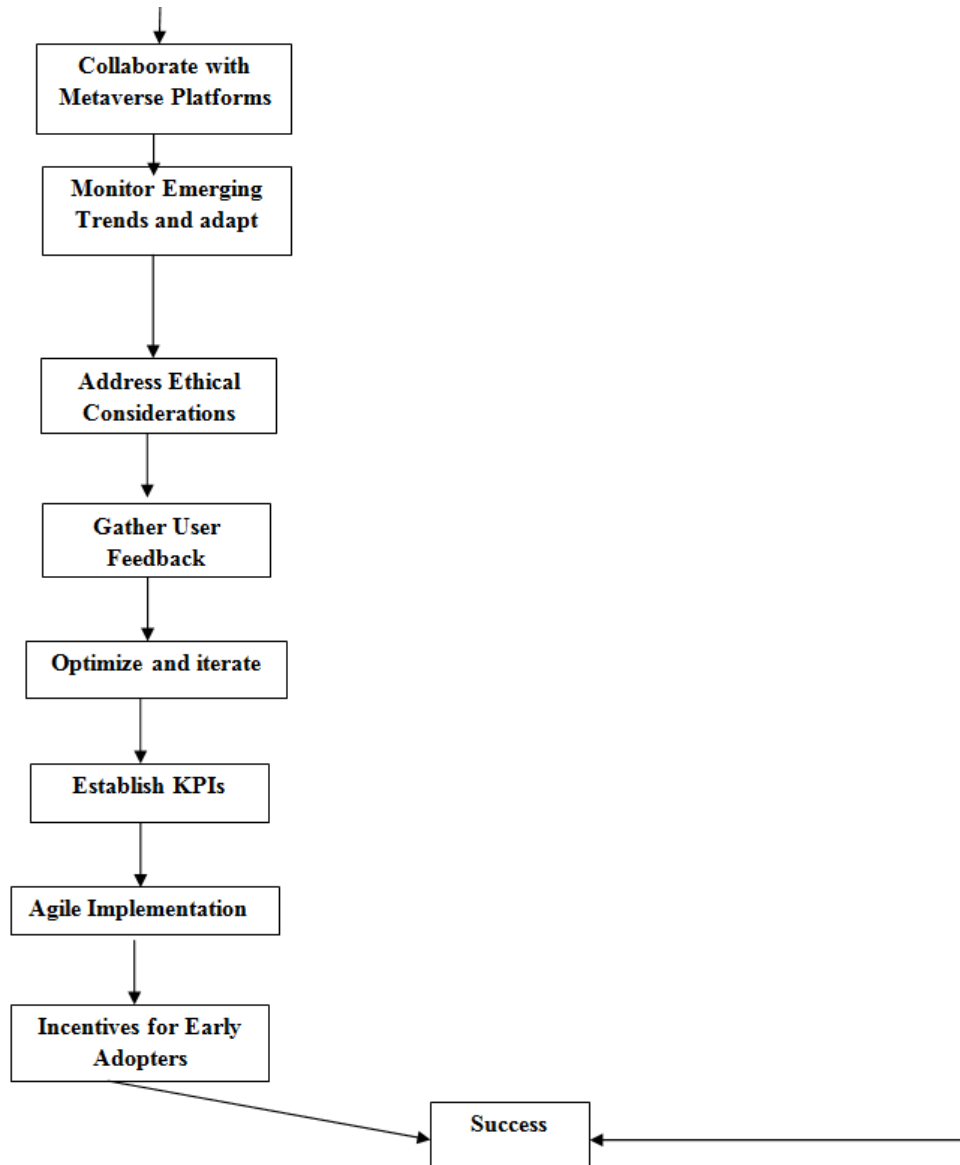
Fig 1: Diagrammatic Illustration of Metaverse Implementation

Theoretical Representation of the above diagram

The theoretical representation of the diagrammatic process involves discussing each phase in detail, providing a theoretical framework for understanding the implementation of the metaverse in retail for next-level online shopping experiences.

1. Design Metaverse Shopping Concept:

Theoretical Framework: Drawing inspiration from consumer behavior theories and human-computer interaction (HCI) principles, the design phase involves conceptualizing immersive and engaging virtual shopping environments. Incorporate elements from psychology to create an experience that resonates with users on emotional and cognitive levels.

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2. Develop Virtual Stores and Environments:

Theoretical Framework: Rooted in virtual reality (VR) and augmented reality (AR) theories, this phase involves translating design concepts into tangible virtual stores. Applying spatial cognition theories helps optimize the layout for easy navigation and product discovery, mimicking real-world retail spaces within the metaverse.

3. User Experience Design & Testing:

Theoretical Framework: Grounded in user experience (UX) theories, this phase focuses on creating a seamless and intuitive virtual shopping journey. Utilize principles from usability studies and iterative design methodologies to refine user interfaces, ensuring a positive and immersive experience.

4. Implement AI & Personalization Algorithms:

Theoretical Framework: Rooted in artificial intelligence (AI) and machine learning (ML) theories, this phase involves implementing algorithms that analyze user behavior, preferences, and historical data. Personalization theories guide the development of algorithms to deliver tailored recommendations and content.

5. Ensure Data Privacy & Cyber security:

Theoretical Framework: Grounded in ethical considerations and cyber security theories, this phase emphasizes the importance of protecting user data within the metaverse. Incorporate principles from information privacy and cyber security frameworks to build trust and comply with regulations.

6. Integrate with E-commerce Platforms:

Theoretical Framework: Building upon theories of omni channel retail, this phase involves integrating metaverse experiences with existing e-commerce platforms. Apply principles from multichannel strategies to ensure a seamless transition between metaverse and traditional online shopping channels.

7. Train Employees for Virtual Assistance:

Theoretical Framework: Rooted in training and development theories, this phase ensures that customer service and sales teams are equipped with the skills needed for virtual assistance. Incorporate principles from virtual communication studies to enhance interpersonal interactions within the metaverse.

8. Collaborate with Metaverse Platforms:

Theoretical Framework: Grounded in collaboration theories, this phase involves partnering with metaverse platform providers. Apply principles from strategic alliances and business ecosystems to create mutually beneficial collaborations that enhance brand visibility within the metaverse.

9. Monitor Emerging Trends & Adapt:

Theoretical Framework: Informed by innovation and trend analysis theories, this phase requires a proactive approach to monitor emerging trends in metaverse technologies and consumer behaviors. Apply principles from technology adoption theories to adapt strategies accordingly.

10. Address Ethical Considerations:

Theoretical Framework: Rooted in ethical theories, this phase involves acknowledging and addressing ethical considerations associated with metaverse technologies. Apply principles from ethical decision-making frameworks to ensure responsible and transparent metaverse implementation.

11. Gather User Feedback:

Theoretical Framework: Built on user feedback and usability testing theories, this phase emphasizes the importance of collecting user opinions and insights. Apply principles from user-centered design methodologies to refine and enhance metaverse experiences based on user feedback.

12. Optimize and Iterate:

Theoretical Framework: Grounded in continuous improvement theories, this phase involves iterative optimization based on user feedback and performance metrics. Apply principles from agile methodologies to foster a culture of continuous improvement and adaptability.

13. Establish KPIs:

Theoretical Framework: Rooted in performance measurement theories, this phase involves defining key performance indicators (KPIs) to assess the success of metaverse initiatives. Apply principles from metrics and analytics frameworks to track and measure relevant outcomes.

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107

14. Agile Implementation:

Theoretical Framework: Building upon agile project management theories, this phase emphasizes flexibility and adaptability in the implementation process. Apply principles from agile methodologies to facilitate rapid decision-making and responsiveness to changing circumstances.

15. Incentives for Early Adopters:

Theoretical Framework: Rooted in consumer adoption theories, this phase involves offering incentives to encourage early adoption of metaverse-driven online shopping experiences. Apply principles from innovation diffusion theories to attract and engage a community of early adopters.

Success:

Theoretical Framework: Rooted in organizational success theories, this represents the culmination of effective metaverse implementation. Apply principles from success models and business performance theories to evaluate the overall impact on the retail business.

Metaverse Shopping Revolution

The concept of a "Metaverse Shopping Revolution" refers to the integration of virtual reality (VR), augmented reality (AR), and other immersive technologies into the online shopping experience, creating a more interactive and engaging environment for users. The term "Metaverse" itself denotes a collective virtual shared space that is created by the convergence of physical and virtual reality.

Here are some key aspects and trends associated with the Metaverse Shopping Revolution:

Immersive Shopping Experiences: Virtual reality allows users to enter a 3D virtual environment where they can interact with products in a more immersive way. This includes trying on virtual clothing, exploring virtual stores, and examining products in a three-dimensional space.

Virtual Try-Ons and Fittings: AR technology enables users to virtually try on clothing, accessories, and even makeup before making a purchase. This reduces the uncertainty associated with online shopping and enhances the overall customer experience.

Virtual Stores and Marketplaces: Companies are creating virtual replicas of their physical stores or entirely new virtual marketplaces within the Metaverse. Users can navigate through these spaces, browse products, and make purchases in a more interactive manner.

Blockchain and Digital Assets: The use of blockchain technology for virtual goods and digital assets is becoming more prevalent. Blockchain ensures the security and authenticity of virtual items, such as limited-edition digital fashion items or virtual real estate within the Metaverse.

Social Shopping: The Metaverse integrates social elements into the shopping experience, allowing users to shop together with friends or engage in social activities within virtual spaces. This brings a sense of community to the online shopping process.

Crypto currency and Virtual Currencies: The use of cryptocurrencies and other virtual currencies for transactions within the Metaverse is gaining traction. This enables seamless and secure transactions, especially in cross-border virtual commerce.

Personalized Recommendations: AI-driven algorithms analyze user behavior and preferences to provide personalized product recommendations. This helps users discover products that align with their tastes and preferences.

Collaborations and Virtual Events: Brands and retailers can host virtual events, product launches, or fashion shows within the Metaverse, creating a more interactive and engaging experience for customers.

Digital Ownership and NFTs: Non-fungible tokens (NFTs) are being used to represent ownership of virtual assets and collectibles within the Metaverse. This concept extends to digital fashion, accessories, and other virtual items.

Integration with Physical Retail: Some companies are exploring ways to bridge the gap between the physical and virtual shopping experiences. For example, users might try on virtual outfits at home and then order the physical items online.

Managerial Implications

Unlocking the future of retail through the metaverse represents a paradigm shift that necessitates a comprehensive reevaluation of managerial strategies and practices. One of the foremost implications lies in the imperative for retail managers to grasp the intricate dynamics of virtual environments and integrate them seamlessly into their business

models. This involves a multifaceted approach, starting with a deep understanding of emerging metaverse technologies such as virtual reality (VR) and augmented reality (AR). Managers must invest in these technologies to develop immersive online shopping experiences that rival or surpass their physical counterparts. This investment extends beyond mere adoption; it requires collaboration with VR/AR developers to create compelling virtual storefronts and interactive product displays that captivate and engage consumers.

Furthermore, the design and optimization of virtual stores emerge as critical focal points for managerial attention. Just as in traditional retail, the layout, aesthetics, and functionality of virtual spaces significantly influence the customer journey. Therefore, managers must prioritize the optimization of virtual environments for easy navigation, intuitive product discovery, and frictionless checkout processes. This necessitates the employment of user experience (UX) designers with specialized expertise in crafting virtual experiences tailored to the unique characteristics of the metaverse.

In parallel, the metaverse offers unprecedented opportunities for personalized shopping experiences driven by data analytics. Retail managers must harness the vast troves of consumer data generated within virtual environments to gain insights into customer preferences, behaviors, and purchasing patterns. By leveraging advanced analytics tools, managers can deliver highly targeted marketing campaigns, personalized product recommendations, and tailored promotions, thereby enhancing customer engagement and loyalty.

Moreover, the integration of virtual retail channels with existing supply chain systems emerges as a critical managerial imperative. Managers must ensure seamless coordination between virtual storefronts and physical warehouses to optimize inventory management, order fulfillment, and delivery logistics within the metaverse. This requires the deployment of robust supply chain integration solutions capable of synchronizing operations across disparate digital and physical domains.

Security and trust constitute additional managerial challenges in the metaverse. As consumers increasingly conduct transactions and share personal data within virtual environments, managers must prioritize cyber security measures to safeguard against data breaches, identity theft, and other cyber threats. Building and maintaining consumer trust through transparent data policies, stringent security protocols, and proactive communication will be essential for fostering long-term relationships with virtual shoppers.

IV. CONCLUSION

The journey towards unlocking the future of retail through the navigation of the metaverse for next-level online shopping experiences represents a paradigm shift that transcends conventional boundaries. The integration of advanced technologies such as virtual reality, augmented reality, and personalized AI algorithms heralds a transformative era for the retail landscape. As retailers increasingly embrace metaverse technologies, the online shopping experience becomes more immersive. Consumers can virtually try on products, explore digital showrooms, and interact with products in ways previously impossible in traditional e-commerce settings. This conclusion highlights the power of immersive experiences in driving consumer engagement and satisfaction. The metaverse facilitates social interactions within the shopping experience. Consumers can shop with friends, seek advice from virtual influencers, and share their purchases in a social context. This social commerce aspect, emphasized in the conclusion, illustrates how the metaverse transforms shopping from a solitary activity to a shared and communal experience. Navigating the metaverse enables retailers to gather extensive data on consumer preferences and behavior. The conclusion emphasizes how tailored recommendations and virtual fitting rooms contribute to a more individualized and satisfying shopping journey.

REFERENCES

[1]. Efthymios.C (2004), Influencing the consumer's online behaviour: The Web Experience, Internet Research, 14(2).

[2]. Jiyayue.G (2023), Impact of Shopping Website Design on Customer Satisfaction and Loyalty: The Mediating Role of Usability and the Moderating Role of Trust. Sustainability, 15(8).

[3]. Maram Saeed.A (2022), The role of trust and privacy concerns in using social media for e-retail services: The moderating role of COVID-19, Journal of Retailing and Consumer services, Vol 68.

[4]. E.W.T Ngai (2007), A review for mobile commerce research and applications, Decision Support Systems, 43(1).

[5]. Abdullah M (2023), Analyzing augmented reality (AR) and virtual reality (VR) recent development in education, Social Sciences and Humanities Open, 8(1).

[6]. Yongfeng Chen (2022), A study of cross-border E-commerce research trends: Based on knowledge mapping and literature analysis, Organizational Psychology, Vol 13.

[7]. Noémie Gelati (2022), The effect of influencer marketing on the buying behavior of young consumers, Atlantis Program Spring.

[8]. Tao Chen (2022), The Impact of Online Reviews on Consumers' Purchasing Decisions: Evidence From an Eye-Tracking Study, Decision Neuroscience, Vol 13.

[9]. Li, H., & Suomi, R. (2019). Virtual reality and augmented reality in online retailing: A review, synthesis and research agenda. International Journal of Retail & Distribution Management, 47(3).

[10]. Kim, J., & Forsythe, S. (2017). Adoption of virtual reality in retailing: A theoretical framework with implications for consumer behavior. Journal of Retailing and Consumer Services, 34.

[11]. Huang, M. H., & Rust, R. T. (2018). Virtual reality and the future of retailing. Journal of Service Management, 29(5).

[12]. Grewal, D., Roggeveen, A. L., & Nordfält, J. (2020). The future of retailing: A review of the next decade. Journal of Retailing, 96(1).

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110