

Demonstrate the perception of Metaverse fashion market in-to Gen-Z and its impact on retail stores' design

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Abstract:

The fashion market in Metaverse requires different designs to accommodate a new retail strategy. This study investigates the main requirements needed for a metaverse fashion market, as virtual market requires different design elements compared to the physical one. The research used an exploration case study method, students (Gen-Z) from both majors fashion and interior design departments have to collaborate for 12 weeks to demonstrate the perception of VR fashion retail platforms and the engagement of users with their own avatar's appearance. The study result has revealed that virtual environments can enhance users' spatial perception by enabling spatial design activities and providing more visual information for the user to reach a wider audience and offer customers a unique and personalized shopping experience. The study provides several theoretical and practical implications that would enhance spatial perception by enabling spatial design activities and providing more visual information for the user to reach a wider audience and offer customers a unique and personalized shopping experience.

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References:

- 1- Amatulli, Cesare & Deangelis, Matteo & Sestino, Andrea & Guido, Gianluigi. (2021). Omnichannel Shopping Experiences for Fast Fashion and Luxury Brands: An Exploratory Study. 10.4018/978-1-7998-5882-9.ch002.
- 2- Ball, M. (2020), The Metaverse: What It Is, Where to Find it, and Who Will Build It, Available from: https://www.matthewball.vc/all/themetaverse.
- 3- Belleghem, S. V., (2022). What marketing in the metaverse will look like. [Online] Available at: https://www.stevenvanbelleghem.com/blog/what-marketing-in-the-metaverse-will-look-like/
- 4- Bourlakis M., Papagiannidis S., Li F., (2009), Retail spatial evolution: paving the way from traditional to metaverse retailing, Springer Science+Business Media, LLC.
- 5- Dupont, S. (2015). Move over Millennials, here comes Generation Z: Understanding the 'New Realists' who are building the future. Public Relations Tactics, 22(5), 19. EBSCOhost Business Source Premier
- 6- Frank M., Roehrig P., Pring B.,(2017), "What to Do When Machines Do Everything: How to Get Ahead in a World of AI, Algorithms, Bots, and Big Data", Wiley,(https://news.cognizant.com/malcolm-paulben-csuite-apr4-2017)
- 7- Gadalla, Eman & Keeling, Kathy & Abosag, Ibrahim. (2013). Metaverse-retail service quality: A future framework for retail service quality in the 3D internet. Journal of Marketing Management. 29. 10.1080/0267257X.2013.835742.
- 8- Haristianti, Vika & Murdowo, Djoko. (2023). The development of the virtual environment and its impact on interior designers and architects. Case study: Zaha Hadid Architects. 10.1201/9781003372486-55.
- 9- Hwankim & Hoon Hyun K., (2022), Understanding design experience in virtual Proceedings of the 27th

- International Conference of the Association for Computer-Aided Architectural Design Research in Asia (CAADRIA), Volume 1, 59-68. © 2022 and published by the Association for Computer-Aided Architectural Design Research in Asia (CAADRIA), Hong Kong. Reality for interior design process.
- 10- Ijaz M., Rhee J., Lee Y., & Alfian G., (2014). Efficient Digital Signage Layout as a Replacement to Virtual Store Layout. International Journal of Information and Electronics Engineering. 4. 10.7763/IJIEE.V4.455.
- 11- Liangchao X., Parker C., & Hart C., (2020). How to design fashion retail's virtual reality platforms. International Journal of Retail & Distribution Management. ahead-of-print. 10.1108/IJRDM-11-2019-0382. (PDF) Visual merchandising. Available from: https://www.researchgate.net/publication/345044824_Visual_merchandising [accessed Dec 16 2023)
- 12- Liangchao X., (2022). Designing effective augmented reality platforms to enhance the consumer shopping experiences. Loughborough University. Thesis. https://doi.org/10.26174/thesis.lboro.19635444.v1
- 13- Lopez, Eva Nina & Lopez, B & Abadiano, Mark. (2023). Understanding Generation Z, The New Generation of Learners: A Technological-Motivational-Learning Theory. 44. 770-784.
- 14- Masudin & Fuadi, (2014), Store Layout for Virtual Retailing: A literature review, JITI, 13(2).
- 15- Masudin & Fuadi, (2015), The design of hybrid virtual store layout (hvsl): a simulation experiment of Indonesian customers' context, International knowledge press, https://core.ac.uk/display/286034248?utm_source=pdf&utm_medium=banner&utm_campaign=pdf-decoration-v1
- 16- Moneta A., (2020), Architecture, Heritage, and the Metaverse: New Approaches and Methods for the Digital Built Environment.
- 17- More S., Wagh T., Suryawanshi Y., (2019). "Virtual reality of interior architecture." International Journal of Advance Research, Ideas, and Innovations in Technology 5.2, www.IJARIIT.com
- 18- Mostafa A., Emam M., & Abdelrahman D., (2022). Colour in the interior design of virtual stores and its impact on shopper behaviour. Arab International Journal of Digital Art and Design, 1(2), 51-78. Doi: 10.21608/iajadd.2022.126758.1003
- 19- Mustaffa F., et al. (Eds.): (2022), ICCM, ASSEHR 706, https://doi.org/10.2991/978-2-494069-57-2 16
- 20- Park, Elain & Maddirala, Satya & Eckert, Paul. (2023). A New Era for Technology: How Metaverse Will Transform Retail. Journal of Student Research. 12. 10.47611/jsrhs.v12i3.5104.
- 21- Patel B., (2022), The Impact of Store Layout Designing on Virtual Platforms: The Case of Retail Companies.

 Available from: https://www.researchgate.net/publication/360132093_The_Impact_of_Store_Layout_Designing_on_Virtual_Platforms_The_Case_of_Retail_Companies#fullTextFileContent [accessed Jul 18 2023].
- 22- Pratas, Joaquim. (2023). Metaverse and Digital Twins: An Opportunity to Increase Retailers' Profitability? An Exploratory Research Using Nike Case Study and Retail Managers' In-Depth Interviews. 10.4018/978-1-6684-8574-3.ch011.
- 23- Singh, S. (2006). Impact of colour on marketing. Management decision.
- 24- Sridharan, A. & Kumar, Sunita. (2024). The Impact of Metaverse on Businesses. 10.1108/978-1-83797-524-220241002.
- 25- Tavman, E. Başak. (2024). Metaverse retailing: opportunities and challenges. Pressacademia. 10.17261/Pressacademia.2024.1902.
- 26- Wellner, A. S. (2000). Generation Z. American Demographics, 22(9), 60-64. ProQuest Research Library.
- 27- Yogesh K. Dwivedi, et al, (2022), Metaverse beyond the hype: Multidisciplinary perspectives on emerging challenges, opportunities, and agenda for research, practice and policy, International Journal of Information Management, Volume 66.
- 28- https://www.linkedin.com/pulse/redefining-value-fashion-retail-metaverse-martin-petkov/
- 29- https://www.brandvm.com/post/the-metaverse-retail-revolution
- 30- https://insights.thinklab.design/4-ways-the-metaverse-will-impact-the-interiors-industry
- 31- https://www.ie.edu/uncover-ie/maricruz-pedrera-on-her-journey-to-zara-the-rise-of-e-commerce-and-

the-future-of-retail-in-the-metaverse/

- 32- https://www.voguebusiness.com/technology/tommy-hilfiger-to-launch-first-of-its-kind-multimetaverse-hub
- 33- https://www.youtube.com/watch?v=jDBVZeGRcS0
- 34- https://group.hugoboss.com/en/newsroom/news/news-detail/boss-enters-metaverse-fashion-weekwith-an-immersive-ai-inspired-showroom-experience
- 35- https://decentworld.com/what-is-metaverse accessed on 15th October 2024.
- 36- https://www.investopedia.com/generation-z-gen-z-definition-5218554
- 37- https://www.klarna.com/us/business/marketing-solutions/virtual-shopping-for-business/#how-virtualshopping-works

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