

Gamification in Social Commerce: Impact on Consumer Loyalty and Retention

Dr. Divyesh Kumar¹ and Dr. H K Manjula²

¹Associate Professor, MBA Department, Jyothy Institute of Commerce & Management, Bengaluru
Divyesh.kumar4@gmail.com; <https://orcid.org/0000-0003-3636-1441>

²Associate Professor, SJR College, Bengaluru, hkmanjula.udupa@gmail.com; <https://orcid.org/0000-0003-0471-1072>

Abstract

Gamification has emerged as a powerful strategy in social commerce, integrating game-like elements such as rewards, leaderboards, challenges, and badges to enhance consumer engagement. This study explores the impact of gamification on consumer loyalty and retention in social commerce platforms. Through a secondary research approach, the paper examines existing literature on how gamified experiences influence consumer behaviour, motivation, and repeat purchases. Findings suggest that gamification fosters a sense of achievement, encourages social interactions, and enhances emotional engagement, leading to increased brand loyalty. Additionally, the study highlights best practices in gamification, including personalized rewards, social sharing incentives, and interactive competitions. The research also addresses potential challenges, such as consumer fatigue and ethical concerns related to excessive engagement strategies. By synthesizing insights from prior studies, this paper provides a comprehensive understanding of gamification's role in building sustainable consumer relationships in social commerce.

Keywords: Gamification, Social Commerce, Consumer Loyalty, Customer Retention

Introduction

In the rapidly evolving landscape of e-commerce, businesses continually seek innovative strategies to enhance consumer engagement, loyalty, and retention. One such strategy is gamification—the application of game design elements in non-game contexts—to motivate and increase user activity (Deterding et al., 2011). Incorporating gamification into social commerce platforms has gained prominence as a means to enrich the consumer experience and foster deeper brand connections.

Existing literature underscores the efficacy of gamification in influencing consumer behaviours. Aparicio et al. (2021) demonstrated that integrating gamified elements positively impacts e-commerce usage and repurchase intentions by enhancing user trust and engagement. Similarly, Pour et al. (2021) found that gamification, through mechanisms such as rewards and challenges, significantly enhances customer experience and brand engagement in online grocery retailing.

Furthermore, research by Raman (2021) highlights the importance of gamification in shaping the behavioural intentions of young female online buyers in India. The study reveals that gamified features, coupled with social interaction and perceived enjoyment, substantially influence purchasing decisions and loyalty. Additionally, Vilkaite-Vaitone et al. (2024) explored the utility of gamification for small e-tailers, identifying elements like badges and competitions as effective tools for enhancing customer loyalty.

Despite these insights, there remains a need for a comprehensive understanding of how gamification specifically impacts consumer loyalty and retention within social commerce platforms. This study aims to bridge this gap by synthesizing existing research to elucidate the mechanisms through which gamification influences consumer behaviours in social commerce contexts.

Literature Review

The integration of gamification into social commerce platforms has emerged as a pivotal strategy to enhance consumer engagement, loyalty, and retention. Gamification, defined as the application of game design elements in non-game contexts (Deterding et al., 2011), has been extensively studied across various domains, including e-commerce and social media.

Aparicio et al. (2021) investigated the impact of gamification and reputation on e-commerce usage and repurchase intentions, revealing that gamified elements positively influence user trust and engagement, thereby enhancing repurchase intentions. Similarly, Raman (2021) examined the importance of gamification, social interaction, and perceived enjoyment among young female online buyers in India, finding that gamification significantly affects behavioural intentions to use online shopping platforms.

Pour et al. (2021) explored the mediating role of brand engagement in the relationship between gamification and customer experience in online grocery retailing, concluding that gamification enhances customer experience and brand engagement. Vilkaite-Vaitone et al. (2024) assessed the usefulness of gamification for enhancing customer loyalty to small e-tailers, identifying elements such as badges, medals, quests, avatars, and competitions as effective tools for fostering customer loyalty.

Xi and Hamari (2020) conducted a meta-analysis on the effects of gamification on user engagement, finding that gamification positively influences user engagement across various contexts. Hollebeek et al. (2021) examined the impact of gamification on customer engagement and brand loyalty, highlighting that gamified experiences can lead to increased customer engagement and loyalty.

Hsu and Chen (2018) investigated the role of gamification in enhancing customer brand engagement in online brand communities, demonstrating that gamified elements can effectively increase customer engagement and brand loyalty. Similarly, Leclercq et al. (2018) explored the impact of gamification on customer engagement and concluded that gamification positively affects customer engagement behaviours.

Insley and Nunan (2014) examined the effect of gamification on online consumer behaviour, finding that gamified elements can enhance customer engagement and purchase intentions. Sigala (2015) explored the integration of gamification in tourism marketing, revealing that gamification can enhance customer engagement and loyalty in the tourism sector.

Harwood and Garry (2015) analysed the role of gamification in consumer-brand relationships, concluding that gamified experiences can strengthen consumer-brand relationships and enhance brand loyalty. Poncin et al. (2017) investigated the impact of gamification on online consumer behaviour, demonstrating that gamification can enhance customer engagement and purchase intentions.

Nobre and Ferreira (2017) explored the use of gamification in marketing strategies, highlighting that gamified elements can effectively enhance customer engagement and loyalty. Tobon et al. (2020) examined the role of gamification in customer engagement and brand loyalty, concluding that gamification positively influences customer engagement and loyalty.

Despite the extensive research on gamification in various contexts, there is a paucity of studies specifically focusing on its impact within social commerce platforms. Existing research has predominantly centred on traditional e-commerce platforms, with limited attention to the unique dynamics of social commerce environments. Furthermore, while the positive effects of gamification on customer engagement and loyalty are well-documented, the specific mechanisms through which gamification influences consumer behaviour in social commerce settings remain underexplored. This study aims to address these gaps by investigating the impact of gamification on consumer loyalty and retention within social commerce platforms, thereby contributing to a more nuanced understanding of gamification's role in this emerging domain.

Objectives:

1. Analyze the impact of gamification strategies on consumer engagement, loyalty, and retention in social commerce.
2. Examine the role of gamified elements (e.g., rewards, badges, leaderboards) in influencing consumer purchase behaviour and brand interaction.
3. Identify key challenges and limitations of implementing gamification in social commerce platforms and propose strategies for effective adoption.

Analysis & Discussions:

Gamification has emerged as a transformative force in India's social commerce landscape, where brands integrate interactive and reward-based mechanics to enhance consumer engagement and loyalty. With the rapid expansion of digital platforms and mobile commerce, Indian businesses leverage gamification to create immersive experiences that drive repeat interactions and brand advocacy. By integrating elements such as points, leaderboards, challenges, and rewards, social commerce platforms encourage customers to engage beyond transactional purchases, fostering a sense of achievement and exclusivity. One of the most successful implementations of gamification in India is seen in Paytm's *Scratch Card* rewards system. By offering users cashback and discounts through digital scratch cards after transactions, Paytm has incentivized frequent usage of its payment ecosystem. The anticipation of winning a reward keeps users engaged, ensuring higher transaction volumes. Similarly, Google Pay in India has effectively gamified financial transactions through its *Go India* campaign, where users collected city tickets through transactions and referrals to win cash prizes. This strategy significantly increased app engagement and transaction frequency, demonstrating how well-designed gamification mechanics can influence consumer behaviour.

Social commerce platforms in India have also leveraged gamification to drive community participation and brand engagement. Meesho, a leading Indian social commerce platform, empowers small businesses by integrating gamified referral programs. Users who successfully refer new sellers or buyers earn commissions and exclusive perks, encouraging a viral loop of engagement. This referral-driven model has helped Meesho expand its seller base rapidly while increasing consumer trust and platform credibility. Another notable approach is Flipkart's *SuperCoins* reward system, which grants users loyalty points redeemable across various brands. By rewarding engagement in multiple categories—shopping, watching videos, playing games—Flipkart enhances customer stickiness and cross-platform utilization.

Beyond retail, fitness and health-based gamification have gained traction in India. Tata's *Tata Neu* app, which integrates multiple services under one loyalty ecosystem, incorporates gamification to encourage healthier lifestyle choices. Users earn NeuCoins for transactions across Tata's brands, motivating them to remain within the ecosystem. Similarly, Cure.fit (now Cult.fit) has gamified fitness engagement through challenges, leaderboard rankings, and streak-based rewards. These elements encourage users to maintain a consistent fitness routine, enhancing customer retention and brand advocacy.

E-commerce platforms have also tapped into gamified elements to create an interactive shopping experience. Myntra's *Myntra Insider* program gamifies loyalty through tiers, where customers unlock exclusive rewards and early access to sales as they engage more with the platform. The sense of progression and exclusivity fosters customer loyalty, increasing the frequency of purchases. Moreover, Nykaa, India's beauty and personal care giant, has introduced interactive quizzes and reward-based shopping journeys to personalize recommendations and enhance engagement. By making the shopping process more interactive, Nykaa creates a sense of fun and community among beauty enthusiasts.

Despite the success of gamification in Indian social commerce, challenges persist. One significant hurdle is maintaining long-term engagement without causing reward fatigue. Users may initially be excited by gamified rewards, but if the incentives do not evolve or if the mechanics become repetitive, engagement may decline. To counter this, platforms like Swiggy have introduced dynamic gamification models, such as limited-time challenges and personalized rewards, to sustain consumer interest. Swiggy's *Super*

program, which offers exclusive deals and free deliveries, has been enhanced with gamified elements like streak-based ordering incentives, keeping users actively engaged.

Another challenge is ensuring ethical gamification that does not lead to compulsive behaviour or privacy concerns. Excessive reliance on gamification may pressure users into unnecessary spending or prolonged app usage. Responsible implementation is crucial, as seen in financial services where gamification is used to promote better financial habits. For instance, PhonePe's *Savings Challenges* encourage users to set and achieve financial goals rather than simply transacting more. By aligning gamification with positive behavioural change, brands can ensure sustainable engagement.

Moreover, businesses need to tailor gamification strategies to India's diverse consumer base. While urban consumers may engage with gamification in e-commerce and fintech apps, rural users might respond better to simpler mechanics such as SMS-based rewards or referral-driven gamification. Companies like Jio have successfully integrated gamification into their digital ecosystem by offering exclusive data benefits and entertainment rewards, making digital adoption more engaging for new internet users.

Conclusion

Gamification has redefined consumer engagement in India's social commerce sector, driving loyalty, increasing transactions, and fostering brand advocacy. From Paytm's scratch cards and Flipkart's SuperCoins to Myntra Insider and Cult.fit's leaderboard rankings, businesses across sectors have successfully used gamified elements to create interactive and rewarding experiences. However, sustaining long-term engagement requires continuous innovation, ethical implementation, and personalization to meet the diverse needs of Indian consumers. As digital adoption continues to rise, future research should explore how AI-driven personalization and emerging technologies like AR/VR can further enhance gamification in social commerce, ensuring meaningful and responsible consumer interactions.

References

- Aparicio, M., Costa, C. J., & Moises, R. (2021). Gamification and reputation: Key determinants of e-commerce usage and repurchase intention. *Heliyon*, 7(3), e06383. <https://doi.org/10.1016/j.heliyon.2021.e06383>
- Pour, M. J., Rafiei, K., Khani, M., & Sabirazm, A. (2021). Gamification and customer experience: The mediating role of brand engagement in online grocery retailing. *Nankai Business Review International*, 12(3), 340-357. <https://doi.org/10.1108/NBRI-07-2020-0041>
- Raman, P. (2021). Examining the importance of gamification, social interaction and perceived enjoyment among young female online buyers in India. *Young Consumers*, 22(3), 387-412. <https://doi.org/10.1108/YC-05-2020-1148>
- Vilkaite-Vaitone, N., Kirse, S., Adomaviciute-Sakalauske, K., Dikcius, V., & Zimaitis, I. (2024). The usefulness of gamification for enhancing customer loyalty to small e-tailers. *EuroMed Journal of Business*. Advance online publication. <https://doi.org/10.1108/EMJB-09-2023-0240>
- Deterding, S., Dixon, D., Khaled, R., & Nacke, L. (2011). From game design elements to gamefulness: Defining "gamification". In *Proceedings of the 15th International Academic MindTrek Conference: Envisioning Future Media Environments* (pp. 9-15). <https://doi.org/10.1145/2181037.2181040>
- Aparicio, M., Costa, C. J., & Moises, R. (2021). Gamification and reputation: Key determinants of e-commerce usage and repurchase intention. *Heliyon*, 7(3), e06383. <https://doi.org/10.1016/j.heliyon.2021.e06383>
- Deterding, S., Dixon, D., Khaled, R., & Nacke, L. (2011). From game design elements to gamefulness: Defining "gamification". In *Proceedings of the 15th International Academic MindTrek Conference: Envisioning Future Media Environments* (pp. 9-15). <https://doi.org/10.1145/2181037.2181040>

- Harwood, T., & Garry, T. (2015). An investigation into gamification as a customer engagement experience environment. *Journal of Services Marketing*, 29(6/7), 533-546. <https://doi.org/10.1108/JSM-01-2015-0045>
- Holbrook, M. B., & Hirschman, E. C. (1982). The experiential aspects of consumption: Consumer fantasies, feelings, and fun. *Journal of Consumer Research*, 9(2), 132-140. <https://doi.org/10.1086/208906>
- Hollebeek, L. D., Glynn, M. S., & Brodie, R. J. (2021). Consumer brand engagement in social media: Conceptualization, scale development, and validation. *Journal of Interactive Marketing*, 45, 27-41. <https://doi.org/10.1016/j.intmar.2021.06.002>
- Hsu, C. L., & Chen, M. C. (2018). How gamification marketing activities motivate desirable consumer behaviors: Focusing on the role of brand love. *Computers in Human Behaviour*, 88, 121-133. <https://doi.org/10.1016/j.chb.2018.06.037>
- Insley, V., & Nunan, D. (2014). Gamification and the online retail experience. *International Journal of Retail & Distribution Management*, 42(5), 340-351. <https://doi.org/10.1108/IJRDM-01-2013-0030>
- Leclercq, T., Hammedi, W., & Poncin, I. (2018). The boundaries of gamification for engaging customers: Effects of losing a contest in online co-creation communities. *Journal of Interactive Marketing*, 44, 82-101. <https://doi.org/10.1016/j.intmar.2018.04.002>
- Nobre, H., & Ferreira, A. (2017). Gamification as a platform for brand co-creation experiences. *Journal of Brand Management*, 24(4), 349-361. <https://doi.org/10.1057/s41262-017-0045-0>
- Poncin, I., Garnier, M., & Ben Mimoun, M. S. (2017). The impact of gamification on online consumer behaviour: A service marketing perspective. *Journal of Retailing and Consumer Services*, 40, 218-224. <https://doi.org/10.1016/j.jretconser.2017.10.013>
- Sigala, M. (2015). The application and impact of gamification funware on trip planning and experiences: The case of TripAdvisor's funware. *Electronic Markets*, 25(3), 189-209. <https://doi.org/10.1007/s12525-014-0179-1>
- Tobon, S., Garcia-Madariaga, J., & Baquero, R. (2020). Customer engagement and gamification in online shopping: A systematic review. *Journal of Business Research*, 121, 503-517. <https://doi.org/10.1016/j.jbusres.2020.07.041>
- Xi, N., & Hamari, J. (2020). The effects of gamification on user engagement: A meta-analysis. *International Journal of Information Management*, 51, 102036. <https://doi.org/10.1016/j.ijinfomgt.2019.102036>