

BAB V

KESIMPULAN dan SARAN

5.1. Kesimpulan

Penelitian ini bertujuan untuk memahami apakah permainan goyang shopee memiliki dampak langsung pada perilaku pembelian pengguna. Setelah dilakukan pengumpulan data, pengujian data dan analisis data dari 504 responden untuk mengidentifikasi faktor – faktor yang mempengaruhi penerimaan permainan goyang shopee khususnya pada penggunaan aplikasi shopee menunjukkan bahwa faktor *Perceived Usefulness* dan *Perceived Herd Behavior* mempunyai peran yang signifikan dan secara langsung mempengaruhi pengguna dalam memainkan permainan goyang shopee, sedangkan factor *Perceived Enjoyment* mempengaruhi pengguna dalam memainkan permainan goyang shopee secara negative. Artinya semakin meningkatnya pengguna permainan goyang shopee maka semakin menurunnya tingkat kemudahan akses masuk ke permainan goyang shopee atau server down.

5.2. Saran

Penelitian ini masih mempunyai banyak kekurangan, kami berharap hasil penelitian ini dapat terus dikembangkan oleh peneliti – peneliti selanjutnya. Agar dapat menganalisis lebih lanjut mengenai keterlibatan pengguna, dampak penggunaan goyang shopee serta memberikan forum diskusi

- [1] A. P. Subriadi and S. A. Kusuma Wardhani, "Survivability Scenario of SMEs in Facing COVID-19 Crisis Based on the Social Commerce Framework," *Sustainability*, vol. 14, no. 6, p. 3531, Mar. 2022, doi: 10.3390/su14063531.
- [2] L. L. Fuadah, K. Dewi, M. Mukhtaruddin, U. Kalsum, and A. Arisman, "The Relationship between Sustainability Reporting, E-Commerce, Firm Performance and Tax Avoidance with Organizational Culture as Moderating Variable in Small and Medium Enterprises in Palembang," *Sustainability*, vol. 14, no. 7, p. 3738, Mar. 2022, doi: 10.3390/su14073738.
- [3] M. Khoali, Y. Laaziz, A. Tali, and H. Salaudeen, "A Survey of One Class E-Commerce Recommendation System Techniques," *Electronics (Basel)*, vol. 11, no. 6, p. 878, Mar. 2022, doi: 10.3390/electronics11060878.
- [4] A. U. Din, H. Han, A. Ariza-Montes, A. Vega-Muñoz, A. Raposo, and S. Mohapatra, "The Impact of COVID-19 on the Food Supply Chain and the Role of E-Commerce for Food Purchasing," *Sustainability*, vol. 14, no. 5, p. 3074, Mar. 2022, doi: 10.3390/su14053074.
- [5] A. Dewalska-Opitek, K. Bilińska, and M. Cierpiat-Wolan, "The Application of the Soft Modeling Method to Evaluate Changes in Customer Behavior towards e-Commerce in the Time of the Global COVID-19 Pandemic," *Risks*, vol. 10, no. 3, p. 62, Mar. 2022, doi: 10.3390/risks10030062.
- [6] S. Gu, B. Ślusarczyk, S. Hajizada, I. Kovalyova, and A. Sakhbieva, "Impact of the COVID-19 Pandemic on Online Consumer Purchasing Behavior," *Journal of Theoretical and Applied Electronic Commerce Research*, vol. 16, no. 6, pp. 2263-2281, Sep. 2021, doi: 10.3390/jtaer16060125.
- [7] R. Nurcahyo and P. A. Putra, "Critical Factors in Indonesia's E-Commerce Collaboration," *Journal of Theoretical and Applied Electronic Commerce Research*, vol. 16, no. 6, pp. 2458-2469, Sep. 2021, doi: 10.3390/jtaer16060135.
- [8] M. A. Nina and N. Matondang, "PKM PEMASARAN SOSIAL MEDIA BERBASIS MOBILE DALAM RANGKA MEMBANTU KETERBATASAN RUANG GERAK SELAMA PANDEMI COVID-19," *Dinamisia : Jurnal Pengabdian Kepada Masyarakat*, vol. 5, no. 2, pp. 520-530, Apr. 2021, doi: 10.31849/dinamisia.v5i2.4691.

- [9] A. R. Zuhri, M. K. Nawawi, and S. Gustiawati, "Pengaruh Pemasaran Online terhadap Usaha Ikan Hias Dalam Perspektif Ekonomi Syariah pada Masa Pandemi Covid-19," *El-Mal: Jurnal Kajian Ekonomi & Bisnis Islam*, vol. 2, no. 2, pp. 78-87, Apr. 2021, doi: 10.47467/elmal.v2i2.526.
- [10] C.-A. Tsai and C.-W. Chang, "Development of a Partial Shipping Fees Pricing Model to Influence Consumers' Purchase Intention under the COVID-19 Pandemic," *Energies (Basel)*, vol. 15, no. 5, p. 1846, Mar. 2022, doi: 10.3390/en15051846.
- [11] Y. Bae, J. Choi, M. Gantumur, and N. Kim, "Technology-Based Strategies for Online Secondhand Platforms Promoting Sustainable Retailing," *Sustainability*, vol. 14, no. 6, p. 3259, Mar. 2022, doi: 10.3390/su14063259.
- [12] F. Pollák, P. Markovič, R. Vavrek, and M. Konečný, "Return to the New Normal: Empirical Analysis of Changes in E-Consumer Behavior during the COVID-19 Pandemic," *Behavioral Sciences*, vol. 12, no. 3, p. 85, Mar. 2022, doi: 10.3390/bs12030085.
- [13] D. L. Warganegara and R. Babolian Hendijani, "Factors That Drive Actual Purchasing of Groceries through E-Commerce Platforms during COVID-19 in Indonesia," *Sustainability*, vol. 14, no. 6, p. 3235, Mar. 2022, doi: 10.3390/su14063235.
- [14] C. C. Saw and A. Inthiran, "Designing for Trust on E-Commerce Websites Using Two of the Big Five Personality Traits," *Journal of Theoretical and Applied Electronic Commerce Research*, vol. 17, no. 2, pp. 375-393, Mar. 2022, doi: 10.3390/jtaer17020020.
- [15] A. García-Jurado, M. Torres-Jiménez, A. L. Leal-Rodríguez, and P. Castro-González, "Does gamification engage users in online shopping?," *Electron Commer Res Appl*, vol. 48, p. 101076, Jul. 2021, doi: 10.1016/j.elerap.2021.101076.
- [16] D. F. Ahelegbey, P. Giudici, and B. Hadji-Misheva, "Latent factor models for credit scoring in P2P systems," *Physica A: Statistical Mechanics and its Applications*, vol. 522, pp. 112-121, May 2019, doi: 10.1016/J.PHYSA.2019.01.130.
- [17] J. Błach and M. Klimontowicz, "The Determinants of PayTech's Success in the Mobile Payment Market—The Case of BLIK," *Journal of Risk and Financial Management*, vol. 14, no. 9, p. 422, Sep. 2021, doi: 10.3390/jrfm14090422.
- [18] R. van Roy, S. Deterding, and B. Zaman, "Collecting Pokémon or receiving rewards? How people functionalise badges in gamified online learning environments in the wild," *Int J Hum Comput Stud*, vol. 127, pp. 62-80, Jul. 2019, doi: 10.1016/j.ijhcs.2018.09.003.

- [19] D. Garaialde, A. L. Cox, and B. R. Cowan, "Designing gamified rewards to encourage repeated app selection: Effect of reward placement," *Int J Hum Comput Stud*, vol. 153, p. 102661, Sep. 2021, doi: 10.1016/j.ijhcs.2021.102661.
- [20] N.-Z. Legaki, N. Xi, J. Hamari, K. Karpouzis, and V. Assimakopoulos, "The effect of challenge-based gamification on learning: An experiment in the context of statistics education," *Int J Hum Comput Stud*, vol. 144, p. 102496, Dec. 2020, doi: 10.1016/j.ijhcs.2020.102496.
- [21] R. Hammady and S. Arnab, "Serious Gaming for Behaviour Change: A Systematic Review," *Information*, vol. 13, no. 3, p. 142, Mar. 2022, doi: 10.3390/info13030142.
- [22] D. L. Hope, G. D. Grant, G. D. Rogers, and M. A. King, "Virtualized Gamified Pharmacy Simulation during COVID-19," *Pharmacy*, vol. 10, no. 2, p. 41, Mar. 2022, doi: 10.3390/pharmacy10020041.
- [23] E. G. Rincon-Flores, J. Mena, and E. López-Camacho, "Gamification as a Teaching Method to Improve Performance and Motivation in Tertiary Education during COVID-19: A Research Study from Mexico," *Educ Sci (Basel)*, vol. 12, no. 1, p. 49, Jan. 2022, doi: 10.3390/educsci12010049.
- [24] C.-M. Chiu, H.-Y. Lin, S.-Y. Sun, and M.-H. Hsu, "Understanding customers' loyalty intentions towards online shopping: an integration of technology acceptance model and fairness theory," *Behaviour & Information Technology*, vol. 28, no. 4, pp. 347-360, Jul. 2009, doi: 10.1080/01449290801892492.
- [25] A. George, M. M. Joy, Muhammed Sajid., and Muhammed Nowfal S., "Understanding the Intention to Use Virtual Currency in a Gamified E-Commerce Context," *International Journal of Online Marketing*, vol. 12, no. 1, pp. 1-14, Jan. 2022, doi: 10.4018/IJOM.288425.
- [26] M. Aparicio, C. J. Costa, and R. Moises, "Gamification and reputation: key determinants of e-commerce usage and repurchase intention," *Heliyon*, vol. 7, no. 3, p. e06383, Mar. 2021, doi: 10.1016/j.heliyon.2021.e06383.
- [27] F. Huseynov and K. Dhahak, "The Influence of Gamification on Online Consumers Attitude and Intention to Purchase Fast Moving Consumer Goods," *Business and Economics Research Journal*, vol. 11, no. 3, pp. 769-791, Jul. 2020, doi: 10.20409/berj.2020.281.
- [28] J. Krath, L. Schürmann, and H. F. O. von Korfflesch, "Revealing the theoretical basis of gamification: A systematic review and analysis of theory in research on

- gamification, serious games and game-based learning,” *Comput Human Behav*, vol. 125, p. 106963, Dec. 2021, doi: 10.1016/j.chb.2021.106963.
- [29] G.-Y. Liao, T. T. L. Pham, T. C. E. Cheng, and C.-I. Teng, “Impacts of real-world need satisfaction on online gamer loyalty: Perspective of self-affirmation theory,” *Comput Human Behav*, vol. 103, pp. 91–100, Feb. 2020, doi: 10.1016/j.chb.2019.09.016.
- [30] F. Gunawan, A. S. Santoso, A. I. Yustina, and F. Rahmiati, “Examining the effect of radical innovation and incremental innovation on leading e-commerce startups by using expectation confirmation model,” *Procedia Comput Sci*, vol. 197, pp. 393–402, 2022, doi: 10.1016/j.procs.2021.12.155.
- [31] K. Jahn *et al.*, “Individualized gamification elements: The impact of avatar and feedback design on reuse intention,” *Comput Human Behav*, vol. 119, p. 106702, Jun. 2021, doi: 10.1016/j.chb.2021.106702.
- [32] M. Abou-Shouk and M. Soliman, “The impact of gamification adoption intention on brand awareness and loyalty in tourism: The mediating effect of customer engagement,” *Journal of Destination Marketing & Management*, vol. 20, p. 100559, Jun. 2021, doi: 10.1016/j.jdmm.2021.100559.
- [33] W. Hammedi, T. Leclercq, and I. Poncin, “CUSTOMER ENGAGEMENT: THE ROLE OF GAMIFICATION,” 2019.
- [34] S. Tobon, J. L. Ruiz-Alba, and J. García-Madariaga, “Gamification and online consumer decisions: Is the game over?,” *Decis Support Syst*, vol. 128, p. 113167, Jan. 2020, doi: 10.1016/j.dss.2019.113167.
- [35] P. Yang, Y. Zhao, T. Xu, and Y. Feng, “The impact of gamification element on purchase intention,” in *2019 16th International Conference on Service Systems and Service Management (ICSSSM)*, Jul. 2019, pp. 1–6. doi: 10.1109/ICSSSM.2019.8887654.
- [36] P. V. Le-Hoang, “Factors affecting online purchase intention: the case of e-commerce on lazada,” *Independent Journal of Management & Production*, vol. 11, no. 3, p. 1018, Jun. 2020, doi: 10.14807/ijmp.v11i3.1088.
- [37] S. Chung, J.-W. Park, and S. Lee, “The Influence of CSR on Airline Loyalty through the Mediations of Passenger Satisfaction, Airline Brand, and Airline Trust: Korean Market Focused,” *Sustainability*, vol. 14, no. 8, p. 4548, Apr. 2022, doi: 10.3390/su14084548.

- [38] E. G. Dias, L. K. de Oliveira, and C. A. Isler, "Assessing the Effects of Delivery Attributes on E-Shopping Consumer Behaviour," *Sustainability*, vol. 14, no. 1, p. 13, Dec. 2021, doi: 10.3390/su14010013.
- [39] A. García-Jurado, J. J. Pérez-Barea, and F. Fernández-Navarro, "Towards Digital Sustainability: Profiles of Millennial Reviewers, Reputation Scores and Intrinsic Motivation Matter," *Sustainability*, vol. 13, no. 6, p. 3297, Mar. 2021, doi: 10.3390/su13063297.
- [40] M. L. Fernández-Ruano, D. M. Frías-Jamilena, A. I. Polo-Peña, and F. Peco-Torres, "The use of gamification in environmental interpretation and its effect on customer-based destination brand equity: The moderating role of psychological distance," *Journal of Destination Marketing & Management*, vol. 23, p. 100677, Mar. 2022, doi: 10.1016/j.jdmm.2021.100677.
- [41] S. Mishra and G. Malhotra, "The gamification of in-game advertising: Examining the role of psychological ownership and advertisement intrusiveness," *Int J Inf Manage*, vol. 61, p. 102245, Dec. 2021, doi: 10.1016/j.ijinfomgt.2020.102245.
- [42] M. Sailer, J. U. Hense, S. K. Mayr, and H. Mandl, "How gamification motivates: An experimental study of the effects of specific game design elements on psychological need satisfaction," *Comput Human Behav*, vol. 69, pp. 371–380, Apr. 2017, doi: 10.1016/j.chb.2016.12.033.
- [43] S. Shi, W. K. S. Leung, and F. Munelli, "Gamification in OTA platforms: A mixed-methods research involving online shopping carnival," *Tour Manag*, vol. 88, p. 104426, Feb. 2022, doi: 10.1016/j.tourman.2021.104426.
- [44] D. Hristova, S. Jovicic, B. Göbl, S. de Freitas, and T. Slunecko, "'Why did we lose our snapchat streak?'. Social media gamification and metacommunication," *Computers in Human Behavior Reports*, vol. 5, p. 100172, Mar. 2022, doi: 10.1016/j.chbr.2022.100172.
- [45] C. Hosseini, O. Humlung, A. Fagerstrøm, and M. Haddara, "An experimental study on the effects of gamification on task performance," *Procedia Comput Sci*, vol. 196, pp. 999–1006, 2022, doi: 10.1016/j.procs.2021.12.102.
- [46] L. de Lellis, "How Gamification Affects Crowdsourcing: The Case of Amazon Mechanical Turk," *Eludamos: Journal for Computer Game Culture*, vol. 10, no. 1, pp. 27–37, Apr. 2020, doi: 10.7557/23.6170.
- [47] Y. Wirani, T. Nabarian, and M. S. Romadhon, "Evaluation of continued use on Kahoot! as a gamification-based learning platform from the perspective of

- Indonesia students,” *Procedia Comput Sci*, vol. 197, pp. 545–556, 2022, doi: 10.1016/j.procs.2021.12.172.
- [48] K. Kim and S. J. (Grace) Ahn, “RETRACTED: The Role of Gamification in Enhancing Intrinsic Motivation to Use a Loyalty Program,” *Journal of Interactive Marketing*, vol. 40, pp. 41–51, Nov. 2017, doi: 10.1016/j.intmar.2017.07.001.
- [49] A. M. Sundjaja, G. Savina, Y. Yuli, and T. Hardianto, “The Moderating Effect of Gamification on Loyalty Program Usage in Indonesian E–Commerce,” *Binus Business Review*, vol. 13, no. 1, pp. 19–29, Jan. 2022, doi: 10.21512/bbr.v13i1.6801.
- [50] A. E. Taruli, A. Chan, and P. W. Tresna, “PENGARUH GAMIFICATION VERSI ‘SHOPEE TANAM’ TERHADAP CUSTOMER ENGAGEMENT APLIKASI MOBILE SHOPEE INDONESIA (SURVEI PADA PENGGUNA FITUR SHOPEE IN APP GAMES DI KOTA BANDUNG),” *AdBispreneur*, vol. 5, no. 3, p. 283, Feb. 2021, doi: 10.24198/adbispreneur.v5i3.30265.
- [51] R. Ab. Rahman, S. Ahmad, and U. R. Hashim, “The effectiveness of gamification technique for higher education students engagement in polytechnic Muadzam Shah Pahang, Malaysia,” *International Journal of Educational Technology in Higher Education*, vol. 15, no. 1, p. 41, Dec. 2018, doi: 10.1186/s41239–018–0123–0.
- [52] Y. Yang, Y. Asaad, and Y. Dwivedi, “Examining the impact of gamification on intention of engagement and brand attitude in the marketing context,” *Comput Human Behav*, vol. 73, pp. 459–469, Aug. 2017, doi: 10.1016/j.chb.2017.03.066.
- [53] Y. Yang, Y. Gong, L. P. W. Land, and T. Chesney, “Understanding the effects of physical experience and information integration on consumer use of online to offline commerce,” *Int J Inf Manage*, vol. 51, p. 102046, Apr. 2020, doi: 10.1016/j.ijinfomgt.2019.102046.
- [54] M. Denden, A. Tlili, M. Abed, A. Bozkurt, R. Huang, and D. Burgos, “To Use or Not to Use: Impact of Personality on the Intention of Using Gamified Learning Environments,” *Electronics (Basel)*, vol. 11, no. 12, p. 1907, Jun. 2022, doi: 10.3390/electronics11121907.
- [55] E. Higuera–Castillo, F. J. Liébana–Cabanillas, and Á. F. Villarejo–Ramos, “Intention to use e–commerce vs physical shopping. Difference between consumers in the post–COVID era,” *J Bus Res*, vol. 157, p. 113622, Mar. 2023, doi: 10.1016/j.jbusres.2022.113622.

- [56] R. Panda, S. Verma, and B. Mehta, "Emergence and Acceptance of Sharing Economy in India," *International Journal of Online Marketing*, vol. 5, no. 3, pp. 1–17, Jul. 2015, doi: 10.4018/IJOM.2015070101.
- [57] K. C. CHING, Z. R. ABU HASAN, and N. ABU HASAN, "FACTORS INFLUENCING CONSUMERS IN USING SHOPEE FOR ONLINE PURCHASE INTENTION IN EAST COAST MALAYSIA," *Universiti Malaysia Terengganu Journal of Undergraduate Research*, vol. 3, no. 1, pp. 45–56, Jan. 2021, doi: 10.46754/umtjur.v3i1.191.
- [58] J. C. Athapaththu and D. Kulathunga, "Factors Affecting Online Purchase Intention: Effects of Technology and Social Commerce," *International Business Research*, vol. 11, no. 10, p. 111, Sep. 2018, doi: 10.5539/ibr.v11n10p111.
- [59] P. W. Yo *et al.*, "The Influencing Factors of Customer Satisfaction: A Case Study of Shopee in Malaysia," *Studies of Applied Economics*, vol. 39, no. 12, Nov. 2021, doi: 10.25115/eea.v39i12.6839.
- [60] F. B. Franque, T. Oliveira, and C. Tam, "Understanding the factors of mobile payment continuance intention: empirical test in an African context," *Heliyon*, vol. 7, no. 8, p. e07807, Aug. 2021, doi: 10.1016/j.heliyon.2021.e07807.
- [61] K. Sutanto, A. Widyanti, G. B. Pratama, and H. R. Soetisna, "Technology for reducing distracted driving in developing countries: the level of usage and intention to use in Indonesia," *Heliyon*, vol. 8, no. 11, p. e11709, Nov. 2022, doi: 10.1016/j.heliyon.2022.e11709.
- [62] W. Lim, R. Sham, A. M.–W. Loi, E. Shion, and B. Y.–B. Wong, "M-commerce adoption among youths in Malaysia: Dataset article," *Data Brief*, vol. 42, p. 108238, Jun. 2022, doi: 10.1016/j.dib.2022.108238.
- [63] A. P. Aristio, S. Supardi, R. A. Hendrawan, and A. A. Hidayat, "Analysis on Purchase Intention of Indonesian Backpacker in Accommodation Booking through Online Travel Agent," *Procedia Comput Sci*, vol. 161, pp. 885–893, 2019, doi: 10.1016/j.procs.2019.11.196.
- [64] W. A. Alkhowaiter, "Use and behavioural intention of m-payment in GCC countries: Extending meta-UTAUT with trust and Islamic religiosity," *Journal of Innovation & Knowledge*, vol. 7, no. 4, p. 100240, Oct. 2022, doi: 10.1016/j.jik.2022.100240.
- [65] R. Septiani, P. W. Handayani, and F. Azzahro, "Factors that Affecting Behavioral Intention in Online Transportation Service: Case study of GO-JEK," *Procedia Comput Sci*, vol. 124, pp. 504–512, 2017, doi: 10.1016/j.procs.2017.12.183.

- [66] L. Zhang, Z. Shao, X. Li, and Y. Feng, "Gamification and online impulse buying: The moderating effect of gender and age," *Int J Inf Manage*, vol. 61, p. 102267, Dec. 2021, doi: 10.1016/j.ijinfomgt.2020.102267.
- [67] K. Akdim, L. v. Casaló, and C. Flavián, "The role of utilitarian and hedonic aspects in the continuance intention to use social mobile apps," *Journal of Retailing and Consumer Services*, vol. 66, p. 102888, May 2022, doi: 10.1016/j.jretconser.2021.102888.
- [68] Y. D. Handarkho, "Impact of social experience on customer purchase decision in the social commerce context," *Journal of Systems and Information Technology*, vol. 22, no. 1, pp. 47–71, Feb. 2020, doi: 10.1108/JSIT-05-2019-0088.
- [69] D. T. Sasongko, P. W. Handayani, and R. Satria, "Analysis of factors affecting continuance use intention of the electronic money application in Indonesia," *Procedia Comput Sci*, vol. 197, pp. 42–50, 2022, doi: 10.1016/j.procs.2021.12.116.
- [70] A. Ghahtarani, M. Sheikhmohammady, and M. Rostami, "The impact of social capital and social interaction on customers' purchase intention, considering knowledge sharing in social commerce context," *Journal of Innovation & Knowledge*, vol. 5, no. 3, pp. 191–199, Jul. 2020, doi: 10.1016/j.jik.2019.08.004.
- [71] P. C. Lai and E. J. Y. Liew, "Towards a Cashless Society: The Effects of Perceived Convenience and Security on Gamified Mobile Payment Platform Adoption," *Australasian Journal of Information Systems*, vol. 25, Dec. 2021, doi: 10.3127/ajis.v25i0.2809.
- [72] N. Peña-García, I. Gil-Saura, A. Rodríguez-Orejuela, and J. R. Siqueira-Junior, "Purchase intention and purchase behavior online: A cross-cultural approach," *Heliyon*, vol. 6, no. 6, p. e04284, Jun. 2020, doi: 10.1016/j.heliyon.2020.e04284.
- [73] S. Dakduk, Z. Santalla-Banderalli, and J. R. Siqueira, "Acceptance of mobile commerce in low-income consumers: evidence from an emerging economy," *Heliyon*, vol. 6, no. 11, p. e05451, Nov. 2020, doi: 10.1016/j.heliyon.2020.e05451.
- [74] M. Aparicio, C. J. Costa, and R. Moises, "Gamification and reputation: key determinants of e-commerce usage and repurchase intention," *Heliyon*, vol. 7, no. 3, p. e06383, Mar. 2021, doi: 10.1016/j.heliyon.2021.e06383.
- [75] E. M. Abu-Taieh *et al.*, "Continued Intention to Use of M-Banking in Jordan by Integrating UTAUT, TPB, TAM and Service Quality with ML," *Journal of Open Innovation: Technology, Market, and Complexity*, vol. 8, no. 3, p. 120, Jul. 2022, doi: 10.3390/joitmc8030120.

