# CHAPTER 5 CONCLUSION AND DISCUSSION

## **5.1 Conclusion**

Based on the result of research analysis and discussion in accordance with the purpose of the research, the conclusion can be drawn as follows:

- 1. Trust is proven to have positive and significant impact on attitude. The result explained that when trust increase then it also increase attitude to adopt car rental service in Traveloka application. Thus, the first hypothesis that stated trust has an influence on attitude is accepted.
- 2. Perceived usefulness is proven to have positive and significant impact on attitude. The result explained that when perceived usefulness increase then it also increase attitude to adopt car rental service in Traveloka application. Thus, the second hypothesis that stated perceived usefulness has an influence on attitude is accepted.
- 3. Perceived ease of use is proven to have positive and significant impact on attitude. The result explained that when perceived ease of use increase then it also increase attitude to adopt car rental service in Traveloka application. Thus, the third hypothesis that stated perceived ease of use has an influence on attitude is accepted.
- 4. Personal innovativeness is proven not to have moderate impact on perceived usefulness to attitude. The result explained that when perceived usefulness increase then it is not necessarily increase attitude to adopt car rental service in Traveloka application. Thus, the fourth hypothesis that stated perceived usefulness and attitude will be moderated by personal innovativeness is not accepted.
- 5. Personal innovativeness is proven not to have moderate impact on perceived easse of use to attitude. The result explained that when perceived ease of use increase then it is not necessarily increase attitude to adopt car rental service in Traveloka application. Thus, the fifth hypothesis that stated perceived ease of use and attitude will be moderated by personal innovativeness is not accepted

- 6. Personal Innovativeness is proven to have positive and significant impact on attitude. The result explained that when someone's level of innovativeness increase then it also increase attitude to adopt car rental service in Traveloka application. Thus, the sixth hypothesis that stated personal innovativeness has an influence on attitude is accepted.
- 7. Personal innovativeness is proven to have positive and significant impact on intention to adopt car rental service in Traveloka application. The result explained that when someone's level of innovativeness increase then it also increase on intention to adopt car rental service in Traveloka application. Thus, the seventh hypothesis that stated personal innovativeness has an influence on intention to adopt car rental service in Traveloka application.
- 8. Attitude is proven to have positive and significant impact on intention to adopt car rental service in Traveloka application. The result explained that when someone's attitude toward adopt car rental service in Traveloka application increase then it also increase on intention to adopt car rental service in Traveloka application. Thus, the eighth hypothesis that stated attitude has an influence on intention to adopt car rental service in Traveloka application to adopt car rental service in Traveloka application.

#### **5.2 Suggestion**

From the conclusion above, several recommendation can be given in the form of suggestions that can be useful for Traveloka and next researchers:

## **5.2.1 Suggestion for Academic**

- Further researcher should add more exogenous variable such as word of mouth, perceived risk, promotions which affecting attitude toward use as independent variable. Researcher also can use multi-group analysis by divide personal innovativeness into 5 categories using roger diffusion of innovation.
- 2. For the further study, researcher should get more diverse respondents because the majority of this research is student from the age 17 25 years old. So, having

more diverse and variety data is better and the researcher will have more understanding about the information of response from many people.

3. For the next research, it is better to have a large sample size such as 500 in order for the result analysis have more reliable and accurate data toward the research.

# **5.2.2 Suggestion for Practical**

- 1. Traveloka should increase people awareness about the new car rental service because based in the research, personal innovativeness has the lowest mean that considered neutral. In order to increase the result, Traveloka need to increase the attitude toward car rental by put an advertisement with promotion in order to attract people attention.
- 2. Traveloka have to consider use promotion that can save up money such as pop up advertisement and incentive when using a rent car because the competitor are having promotion and cheap price for people to choose when travelling.
- 3. Traveloka should pay attention to the price of rent a car because it is expensive and there are many competitor such as train, bus, gojek grab and taxi. In order to fix it, Traveoka can give a car rental packet promotion after buy ticket and hotel.

#### REFERENCES

- Agarwal, R., Prasad, J., 1998. A conceptual and operational definition of personal innovativeness in the domain of information technology. Inform. Syst. Res. 9 (2), 204e215.
- Ajzen, I., & Fishbein, M. (2005). The influence of attitudes on behavior. Handbook of Attitudes and Attitude Change: Basic Principles, (May), 173–221. https://doi.org/10.1007/BF02294218
- Ajzen, I., 1991. The theory of planned behavior. Organizational Behavior and Human Decision Processes 50, 179–211.
- Ajzen, I., & Fishbein, M., 1975, *Belief, Attitude, Intention, and Behavior: An Introduction to Theory and Research*, 129-385, Addison-Wesley, Reading, MA.
- Ajzen, I. (1988). Attitude Structure and Behavior relations. In: A.R. Partkanis, S.T. Berckler, and A.G. Greenwald (Eds.) *Attitude Structure and Function*, Erlbaum, Hillsdale, NJ.
- Barber, B. 1983. *The Logic and Limits of Trust*. New Brunswick, New Jersey: Rutgers University Press.
- Blackwell, R.D, Miniard, P.W., & Engel, J.F. (2007). *Consumer behavior* (10thed.). Kundi Haryana, India: Thomas South-Western
- Blythe, D. (2008). Consumer behavior. London, United Kingdom: Thompson
- Bugembe, J. (2010). Perceived Usefulness, Perceived Ease of Use, Attitude and Actual Usage of a New Financial Management System thesis. *Masters Degree of Science in Accounting and Finance of Makerere University*, (June).
- Chau, P.Y.K., 1996. An empirical assessment of a modified technology acceptance model. Journal of Management Information Systems 13 (2), 185–204.
- Dabholkar, P. A., & Bagozzi, R. P. (2002). An attitudinal model of technology-based self-service: Moderating effects of consumer traits and situational factors. *Journal* of the Academy of Marketing Science, 30(3), 184–201. https://doi.org/10.1177/0092070302303001
- Davis, F. D. (1986). A Technology Acceptance Model for Empirically Testing New End-User Information.

- Davis, F.D., (1989) "Perceived Usefulness, Perceived Ease of Use, and User Acceptance of Information Technology", MIS Quaterly, Vol 13, pp. 319-339.
- Davis, F. D., Bagozzi, R. P., & Warshaw, P. R. (1989). User acceptance of computer technology: A comparison of two theoretical models. *Management Science*, 982-1004.
- Davis, F. D., Bagozzi, R. P., and Warshaw, P. R. (1992). Extrinsic and intrinsic motivation to use computers in the workplace. Journal of applied social psychology, 22(14):1111–1132.
- Davis, F.D., 1993. User acceptance of information technology: system characteristics, user perceptions and behavioral impacts. International Journal of Man-Machine Studies 38, 475–487.
- Davis, F., Venkatesh, V., 1996. A critical assessment of potential measurement biases in the technology acceptance model: three experiments. International Journal of Human Computer Studies 45, 19–46.
- Dickinger, A., Arami, M., & Meyer, D. (2008). The role of perceived enjoyment and social norm in the adoption of technology with network externalities. *European Journal of Information Systems*, 4-11.
- Dishaw, M. and Strong, D. (1999). Extending the Technology Acceptance Model with Task-Technology Fit Constructs. Information and Management, 36(1), 9-21.
- Durianto, D., Sugiarto., and Sitinjak, T. (2001). Strategi Menaklukkan Pasar Melalui Riset Ekuitas dan Perilaku Merek. Jakarta: PT Gramedia Pustaka Utama.
- F. Hair, Joe & Sarstedt, Marko & Hopkins, Lucas & Kuppelwieser, Volker. (2014). Partial Least Squares Structural Equation Modeling (PLS-SEM): An Emerging Tool for Business Research. European Business Review. 26. 106-121. 10.1108/EBR-10-2013-0128.
- Fares, F., Mashagba, A., Fares, E., & Othman Nassar, M. (2013). Exploring Technological Factors Affecting the Adoption of M-Commerce in Jordan. *Australian Journal of Basic and Applied Sciences*, 7(6), 395–400.
- Faqih, K.M., and Jaradat, M.I.R.M. "Assessing the Moderating Effect of Gender Differences and Individualism-Collectivism at Individual-Level on the Adoption of M-commerce Technology: TAM3 Perspective." *Journal of Retailing and Consumer Services*, 22 (2015): 37-52.

- Fazio, R. H. "On the Power and Functionality of Attitudes: The Role of Attitude Accessibility," in A.R. Partkanis, S.T. Bercklerm and A.G. Greenwald (Eds.), *Attitude Structure and Function*, Erlbaum, Hillsdale, NJ, 2988.
- Fishbein, M. and Ajzen, I. 1975. Belief, Attitude, Intention and Behavior: An Introduction to Theory and Research, Reading, MA: Addison-Wesley
- Flynn, Leisa & Goldsmith, Ronald. (1993). Application of the Personal Involvement Inventory in marketing. Psychology & Marketing - PSYCHOL MARKET. 10. 357-366. 10.1002/mar.4220100409.
- Friedman, B., Kahn, P. H., Jr. and Howe, D. C. (2000) 'Trust Online', *Communications* of ACM 43(12): 34–40.
- Gangwal, N., & Bansal, V. (2016). Application of Decomposed Theory of Planned Behavior for M-commerce Adoption in India. Proceedings of the 18th International Conference on Enterprise Information Systems, (May), 357–367. https://doi.org/10.5220/0005627503570367
- Gefen, D. and Straub, D. (2000). The relative importance of perceived ease of use in IS adoption: a study of e-commerce adoption. Journal of the Association for Information Systems, 1(8), 1-28.
- Hoffman, D. L., Novak, T. P. and Peralta, M. (1999) 'Building Customer Trust Online', *Communications of ACM* 42(4):80–5.
- Hosmer, T. 1995. Trust: The Connecting Link between Organizational Theory and Philosophical Ethics. *Academy of Management Review*, 20 (2): 379-403.
- Hsu, H.-H., & Chang, Y.-Y. (2013). Extended TAM Model: Impacts of Convenience on Acceptance and Use of Moodle. *US-China Education Review A*, *3*(4), 211–218.
- http://banjarmasin.tribunnews.com/2018/06/11/jelang-lebaran-idul-fitri-2018-mobilrental-langka
- https://www.brandindex.com/ranking/indonesia/2017-index/category/e-commerceand-m-commerce
- https://www.internetworldstats.com/top20.htm

- https://www.kompasiana.com/www.ariantotb.com/5a388a9edd0fa8370b6da962/limajuta-raib-penipuan-bermodus-traveloka-makan-korban-di-musim-liburan
- http://lifestyle.bisnis.com/read/20171108/50/707245/tingkat-kepercayaan-konsumenindonesia-rendah-e-commerce-lebih-baik-dari-telko
- https://solusik.com/waspadalah-penipuan-saat-belanja-online/
- https://travel.kompas.com/read/2018/01/10/090000527/tahun-2018-semakin-banyakturis-indonesia-liburan-ke-luar-negeri
- Jarvenpaa, S. L., Tractinsky, N., and Vitale, M. 2000. Consumer Trust in an Internet Store. *Information Technology and Management*, 1 (12): 45-71.
- Jeong, N., Yoo, Y., Heo, T.Y., 2009. Moderating effect of personal innovativeness on mobile-RFID services: based on Warshaw's purchase intention model. Technol. Forecast. Soc. Change 76, 154–164.
- Karahanna, E., Straub, D.W., 1999. Information technology adoption across time: a cross-sectional comparison of pre-adoption and post-adoption beliefs. MIS Quarterly 23 (2), 183–214.
- KIM, T., Lee, J. H., and Law, R. 2008. An empirical examination of the acceptance behaviour of hotel front office systems: An extended technology acceptance model. Tourism Management, 29, 500-513.
- Kulviwat, S., Bruner, G. C., & Al-Shuridah, O. (2009). The role of social influence on adoption of high tech innovations: The moderating effect of public/private consumption. *Journal of Business Research*, 706-12.
- Lee, M.K., Cheung, C.M., and Chen, Z. "Acceptance of Internet-Based Learning Medium: The Role of Extrinsic and Intrinsic Motivation." *Information and Management* 42, no. 8 (2005): 1095-104.
- Limayem, M., Khalifa, M., and Frini, A. (2000). What makes consumers buy from internet? a longitudinal study of online shopping. Systems, Man and Cybernetics, Part A: Systems and Humans, IEEE Transactions on, 30(4):421–432.
- Lu, J., Yao, J.E., Yu, C.S., 2005. Personal innovativeness, social influences and adoption of wireless internet services via mobile technology. J. Strat. Inform. Syst. 14, 245–268.

Malhotra, Y., & Galletta, D. F. (1999). Extending the technology acceptance model to

account for social influence: theoretical bases and empirical validation. *Proceedings of the 32nd Annual Hawaii International Conference on Systems Sciences.* 1999. HICSS-32. Abstracts and CD-ROM of Full Papers, 00(c), 14. https://doi.org/10.1109/HICSS.1999.772658

- Mathieson, K. 1991. Predicting User Intentions: Comparing the Technology Acceptance Model with the Theory of Planned Behavior, *Itrformatiort Systems Research*, Vol. 2, pp.173-191.
- Matute-Vallejo, J., & Melero-Polo, I. (2018). Understanding online business simulation games: the role of flow experience, perceived enjoyment and personal innovativeness. *Australasian Journal of Educational Technology*, 0(0), 71–85. https://doi.org/10.14742/ajet.3862
- Mayer, R.C., Davis, J. H., and Schoorman, F. D. 1995. "An Integratif Model of Organizational Trust," *Academy of Management Review* (30:3), pp 709-734.
- McKnight, D., Chervany, N., 2001. What trust means in e-commerce customer relationships: an interdisciplinary conceptual typology. International Journal of Electronic Commerce 6, 35–59.
- Midgley, D. F., & Dowling, G. R. (1978). Innovativeness: The concept and its measurement. *Journal of consumer research*, 4(4), 229-242.
- Morgan, R. M. and Hunt, S. D. (1994) 'The Commitment-trust Theory of Relationship Marketing', *Journal of Marketing* 58(July): 20–38.
- Myktyin, P., Harrison, D., & David, A. (2003). The application of the TRA to strategic management and strategic information systems. *Resources Management Journal*, 6 (2).
- Ndubisi, N. O., & Jantan, M. (2003). "Evaluating IS Usage in Malaysian Small and Mediumsized Firms Using the Technology Acceptance Model", Logistics Information Management, 16(6), 440-450.
- Pavlou, P. A. 2003. Consumer Acceptance of Electronic Commerce: Integrating Trust and Risk with the Technology Acceptance Model. *International Journal of Electronic Commerce*, 7 (3): 69-103.
- Rahman, M. M., & Sloan, T. (2017). User adoption of mobile commerce in Bangladesh: Integrating perceived risk, perceived cost and personal awareness with TAM. *The International Technology Management Review*, 6(3), 103.

https://doi.org/10.2991/itmr.2017.6.3.4

- Ranaweera, C. and Prabhu, J. (2003) 'The Influence of Satisfaction, Trust and Switching Barriers on Customer Retention in a Continuous Purchasing Setting', *International Journal of Service Industry Management* 14(4): 374–95.
- Rogers, E. M. (2003). *Diffusion of innovations* (5th ed.). New York, NY: The Free Press.
- Ruikar, K, & Anumba, C 2008, E-Business In Construction, Chichester, UK: Wiley-Blackwell, eBook Collection (EBSCOhost), EBSCOhost, [Ref. 11.5.2017]
- San Martin, H., Herrero, A., 2012. Influence of the user's psychological factors on the online purchase intention in rural tourism: integrating innovativeness to the UTAUT framework. Tour. Manage. 33, 341–350.
- Sugiyono. (2014). Metode Penelitian Bisnis. Bandung: Alfabeta
- Surendran, P. (2012). Technology Acceptance Model: A Survey of Literature. International Journal of Business and Social Research, 2(4), 175–178. https://doi.org/http://dx.doi.org/10.18533/ijbsr.v2i4.161
- Taylor, S., and Todd P. A. 1995. Understanding Information Technology Usage: A Test of Competing Models. *Information Systems Research*, 6 (3): 144-176.
- Teo, T. S. H., Lim, G. S., & Fedric, S. A. (2007). The adoption and diffusion of human resources information systems in Singapore. Asia Pacific Journal of Human Resources, 45(1), 44-62.
- Tiwari, R., S. Buse, 2010. "The Mobile Commerce Prospects: A strategic analysis of opportunities in the banking sector" p. 33. ISBN 978-3-937816-31-9.
- Triandis C (1979) Values, Attitudes and Interpersonal Behavior: In Nebraska Symposium on motivation, Beliefs, Attitudes, and Values". University of Nebraska Press, Lincoln NE, pp: 195-259.
- Tseng, Shu-Mei. 2015. Exploring the Intention to Continue Using Web-Based Selfservice. Journal of Retailing and Consumer Services 24 85-93.
- Vasileiadis, A. (2014). Security Concerns and Trust in the Adoption of M-Commerce. *Social Technologies*, 4(1), 179–191. https://doi.org/10.13165/ST-14-4-1-12

- Venkatesh, V., Speier, C., and Morris, M.G. "User Acceptance Enablers in Individual Decision Making about Technology: Toward an Integrated Model." *Decision Sciences* 33, no. 2 (2002): 297-316.
- Venkatesh, V., Davis, F.D., 2000. A theoretical extension of the technology acceptance model: four longitudinal field studies. *Management Science* 46 (2), 186–204.
- Venkatesh, V. (2000). Determinants of perceived ease of use: integrating control, intrinsic motivation, and emotion into the technology acceptance model. Information Systems Research, 11(4), 342-365.
- Wang, Y. S., Wang, Y. M., Lin, H. H. and Tang, T. I. (2003) 'Determinants of User Acceptance of Internet Banking: An Empirical Research', *International Journal* of Bank Marketing 14(5): 501–19.
- Webb, T. L., & Sheeran, P. (2006). Does changing behavioral intentions engender behavior change? A meta-analysis of the experimental evidence. *Psychological Bulletin*, 132(2), 249–268. https://doi.org/10.1037/0033-2909.132.2.249
- Wijesundara, T. R., & Xixiang, S. (2018). Social Networking Sites Acceptance: The Role of Personal Innovativeness in Information Technology. International Journal of Business and Management, 13(8), 75. https://doi.org/10.5539/ijbm.v13n8p75
- Zarmpou, T., Saprikis, V., Markos, A., and Vlachopoulou, M. 2012. Modeling users' acceptance of mobile services. *Electronic Commerce Research* 12: 225-248.
- Zhao, W., and Othman, M.N. "Predicting and Explaining Complaint Intention and Behavior of Malaysian Consumers: An Application of The Planned Behavior Theory." *Advances in International Marketing* 9, no. 21 (2010): 229–52.