

7. REFERENCES

- Ab Hamid, M. R., Sami, W., & Mohmad Sidek, M. H. (2017). Discriminant Validity Assessment: Use of Fornell & Larcker criterion versus HTMT Criterion. *Journal of Physics: Conference Series*, 890(1). <https://doi.org/10.1088/1742-6596/890/1/012163>
- Ajzen, I. (1991). The theory of planned behaviour. *Organizational Behaviour and Human Decision Processes*, 50(2), 179–211. [https://doi.org/10.1016/0749-5978\(91\)90020-T](https://doi.org/10.1016/0749-5978(91)90020-T)
- Ajzen, I. (2009). Theory of Planned Behaviour Measure. *Change. Journal of Health Psychology*, 12(1), 1–8. <https://doi.org/10.1037/t15668-000>
- Ajzen, I. (2011). The theory of planned behaviour: Reactions and reflections. *Psychology and Health*, 26(9), 1113–1127. <https://doi.org/10.1080/08870446.2011.613995>
- Ajzen, I., & Madden, T. J. (1986). Prediction of goal-directed behaviour: Attitudes, intentions, and perceived behavioural control. *Journal of Experimental Social Psychology*, 22(5), 453–474. [https://doi.org/10.1016/0022-1031\(86\)90045-4](https://doi.org/10.1016/0022-1031(86)90045-4)
- Al-Amri, R., Maarop, N., Jamaludin, R., Samy, G. N., Magalingam, P., Hassan, N. H., ... Daud, S. M. (2018). Correlation Analysis Between Factors Influencing the Usage Intention of Nfc Mobile Wallet Payment. *Jurnal of Fundamental and Applied Sciences*, 10(2S), 215–228. <https://doi.org/10.4314/jfas.v10i2s.18>
- Becker, J. M., Klein, K., & Wetzels, M. (2012). Hierarchical Latent Variable Models in PLS-SEM: Guidelines for Using Reflective-Formative Type Models. *Long Range Planning*, 45(5–6), 359–394. <https://doi.org/10.1016/j.lrp.2012.10.001>
- Bentler, P. M., & Bonett, D. G. (1980). Significance tests and goodness of fit in the analysis of covariance structures. *Psychological Bulletin*, 88(3), 588–606. <https://doi.org/10.1037/0033-2909.88.3.588>
- Bus Service Modernization & Sahasara Reforms Project (BSMSR)*. (2016).
- Ceipidor, U. B., Medaglia, C. M., Marino, A., Morena, M., Sposato, S., Moroni, A., ... Morgia, M. La. (2013). Mobile ticketing with NFC management for transport companies. Problems and solutions. *2013 5th International Workshop on Near Field Communication, NFC 2013*. <https://doi.org/10.1109/NFC.2013.6482446>
- Chen, F. F. (2007). Sensitivity of goodness of fit indexes to lack of measurement invariance.

Structural Equation Modeling, 14(3), 464–504.

<https://doi.org/10.1080/10705510701301834>

Chen, J. J., & Adams, C. (2005). User acceptance of mobile payments: A theoretical model for mobile payments. *Proceedings of the International Conference on Electronic Business (ICEB)*, 619–624. Retrieved from https://www.researchgate.net/publication/267718578_User_Acceptance_of_Mobile_Payments_A_Theoretical_Model_for_Mobile_Payments

Cheng, Y. H., & Huang, T. Y. (2013). High speed rail passengers' mobile ticketing adoption. *Transportation Research Part C: Emerging Technologies*, 30, 143–160. <https://doi.org/10.1016/j.trc.2013.02.001>

Chin, W. W. (1998). The partial least squares approach for structural equation modeling. *Modern Methods for Business Research*, (JANUARY 1998), 295–336.

Cho, J. (2004). Likelihood to abort an online transaction: Influences from cognitive evaluations, attitudes, and behavioural variables. *Information and Management*, 41(7), 827–838. <https://doi.org/10.1016/j.im.2003.08.013>

Couto, R., Leal, J., Costa, P. M., & Galvao, T. (2015). Exploring Ticketing Approaches Using Mobile Technologies: QR Codes, NFC and BLE. *IEEE Conference on Intelligent Transportation Systems, Proceedings, ITSC, 2015-October*, 7–12. <https://doi.org/10.1109/ITSC.2015.9>

Dahlberg, T., Guo, J., & Ondrus, J. (2015). A critical review of mobile payment research. *Electronic Commerce Research and Applications*, 14(5), 265–284. <https://doi.org/10.1016/j.elerap.2015.07.006>

Dahlberg, T., Mallat, N., Ondrus, J., & Zmijewska, A. (2008). Past, present and future of mobile payments research: A literature review. *Electronic Commerce Research and Applications*, 7(2), 165–181. <https://doi.org/10.1016/j.elerap.2007.02.001>

Davis, Jr., F. D. (1986). A technology acceptance model for empirically testing new end-user information systems: Theory and results [Dissertation]. *PhDThesis - Massachusetts Institute of Technology*. [https://doi.org/10.1016/S0378-7206\(01\)00143-4](https://doi.org/10.1016/S0378-7206(01)00143-4)

Davis, F. D. (1986). A technology acceptance model for empirically testing new end-user information systems: Theory and results. *Unpublished Doctoral Dissertation, MIT Sloan*

School of Management, Cambridge, M.A, Ph.D.(January 1985), 291.

<https://doi.org/oclc/56932490>

Davis, F. D. (1989). Perceived Usefulness, Perceived Ease of Use, and User Acceptance of Information Technology. *MIS Quarterly*, 13(3), 319. <https://doi.org/10.2307/249008>

de Luna, I. R., Montoro-Ríos, F., Liébana-Cabanillas, F., & de Luna, J. G. (2017). NFC technology acceptance for mobile payments: A Brazilian Perspective. *Review of Business Management*, São Paulo, 19(63), 82–103.

<https://doi.org/10.7819/rbgn.v0i0.2315>

Devon, H. A., Block, M. E., Moyle-Wright, P., Ernst, D. M., Hayden, S. J., Lazzara, D. J., ... Kostas-Polston, E. (2007). A psychometric toolbox for testing validity and reliability.

Journal of Nursing Scholarship, 39(2), 155–164. <https://doi.org/10.1111/j.1547-5069.2007.00161.x>

Di Pietro, L., Guglielmetti Mugion, R., Mattia, G., Renzi, M. F., & Toni, M. (2015). The Integrated Model on Mobile Payment Acceptance (IMMPA): An empirical application to public transport. *Transportation Research Part C: Emerging Technologies*, 56, 463–479. <https://doi.org/10.1016/j.trc.2015.05.001>

Eignor, D. R. (2013). The standards for educational and psychological testing. *APA Handbook of Testing and Assessment in Psychology, Vol. 1: Test Theory and Testing and Assessment in Industrial and Organizational Psychology*, 1, 245–250.

<https://doi.org/10.1037/14047-013>

Ferreira, M. C., Cunha, J. F. e, José, R., Rodrigues, H., & Miguel Pimenta Monteiro, C. R. (2014). Evaluation of an Integrated Mobile Payment, Ticketing and Couponing Solution Based on NFC. *Advances in Intelligent Systems and Computing*, 276 VOLUME, 165–174. <https://doi.org/10.1007/978-3-319-05948-8>

Ferreira, M. C., & Dias, T. G. (2015). *How to Encourage the Use of Public Transport? A Multiservice Approach Based on Mobile Technologies* (H. Nóvoa & M. Drăgoicea, Eds.). <https://doi.org/10.1007/978-3-319-14980-6>

Ferreira, M., Cunha, A., Nóvoa, H., Galvão, T., Moniz da Cunha, M., & Falcão e Cunha, J. (2012). A survey of current trends in smartphone based payment and validation services for public transport users. *The Art and Science of Service Conference 2012*, 1–28.

- Financial System Stability Review - 2013, Central Bank of Sri Lanka. (2013). In *Central Bank of Sri Lanka*. Retrieved from http://www.cbsl.gov.lk/htm/english/05_fss/f_1.html
- Fontes, T., Costa, V., Ferreira, M. C., Shengxiao, L., Zhao, P., & Dias, T. G. (2017a). Mobile payments adoption in public transport. *Transportation Research Procedia*, 24(June), 410–417. <https://doi.org/10.1016/j.trpro.2017.05.093>
- Fontes, T., Costa, V., Ferreira, M. C., Shengxiao, L., Zhao, P., & Dias, T. G. (2017b). Mobile payments adoption in public transport. *Transportation Research Procedia*, 24, 410–417. <https://doi.org/10.1016/j.trpro.2017.05.093>
- Fred N. Kerlinger. (1986). *Foundations of behavioural research* (6th ed.). New York.
- George, D., & Mallery, P. (2003). *SPSS for Windows step by step: A simple guide and reference. 11.0 update*.
- Ghosal, S., Chaturvedi, S., Taywade, A., & Jaisankar, N. (2015). Android Application for Ticket Booking and Ticket Checking in Suburban Railways. *Indian Journal of Science and Technology*, 8(S2), 171. <https://doi.org/10.17485/ijst/2015/v8is2/60291>
- Goodwin, L. D., & Leech, N. L. (2003). The Meaning of Validity in the New Standards for Educational and Psychological Testing: Implications for Measurement Courses. *Measurement and Evaluation in Counseling and Development*, 36(3), 181–191. <https://doi.org/10.1080/07481756.2003.11909741>
- Grassie, K. (2007). Easy handling and security make NFC a success. *Card Technology Today*, 19(10), 12–13. [https://doi.org/10.1016/s0965-2590\(08\)70134-8](https://doi.org/10.1016/s0965-2590(08)70134-8)
- GSMA. (2018). The Mobile Economy. *Adweek*, (35), 11–11. Retrieved from www.gsmainelligence.com
- Hair, J., Black, W., Babin, B., & Anderson, R. (2010). Multivariate Data Analysis: A Global Perspective. In *Multivariate Data Analysis: A Global Perspective* (Vol. 7th).
- Hettiarachchi, H. (2017). *Social Commerce and Consumer Decision Making: A Study on Facebook Users*. University of Moratuwa.
- Hu, L., & Bentler, P. M. (1998). Fit indices in covariance structure modeling: Sensitivity to underparameterized model misspecification. *Psychological Methods*, 3(4), 424–453. <https://doi.org/10.1037//1082-989x.3.4.424>

- Hussain, S., Fangwei, Z., Siddiqi, A. F., Ali, Z., & Shabbir, M. S. (2018). Structural Equation Model for evaluating factors affecting quality of social infrastructure projects. *Sustainability (Switzerland)*, *10*(5), 1–25. <https://doi.org/10.3390/su10051415>
- IBM Corporation. (2018). KMO and Bartlett's Test. Retrieved from IBM Knowledge Center website:
https://www.ibm.com/support/knowledgecenter/SSLVMB_subs/statistics_casestudies_project_ddita/spss/tutorials/fac_telco_kmo_01.html%0Ahttps://www.ibm.com/support/knowledgecenter/SSLVMB_26.0.0/statistics_casestudies_project_ddita/spss/tutorials/fac_telco_kmo
- Jacob Cohen. (1988). *Sampling design for survey research: statistical power analysis*. *120*(1987), 17–95.
- Jenkins, P., & Ophoff, J. (2016). Factors Influencing the Intention to Adopt NFC Mobile Payments – A South African Perspective. *CONF-IRM 2016 Proceedings*, Paper 45.
- Juntunen, A., Luukkainen, S., & Tuunainen, V. K. (2010). Deploying NFC technology for mobile ticketing services identification of critical business model issues. *ICMB and GMR 2010 - 2010 9th International Conference on Mobile Business/2010 9th Global Mobility Roundtable*, 82–90. <https://doi.org/10.1109/ICMB-GMR.2010.69>
- Kaasinen, E. (2005). *User acceptance of mobile services: Value, ease of use, trust and ease of adoption* (Tampere University of Technology). Retrieved from <http://www.vtt.fi/inf/pdf/>
- Kim, C., Mirusmonov, M., & Lee, I. (2010). An empirical examination of factors influencing the intention to use mobile payment. *Computers in Human Behaviour*, *26*(3), 310–322. <https://doi.org/10.1016/j.chb.2009.10.013>
- Kline, R. B. (2011). *Principles and Practice of Structural Equation Modeling*. New York: The Guilford Press.
- Krishnaswamy, K. N., Sivakumar, A. I., & Mathirajan, M. (2006). *Management Research Methodology*. New Delh: Pearson Education South Asia.
- Kroonenberg, P. M., & Lohmoller, J.-B. (1990). Latent Variable Path Modeling with Partial Least Squares. In *Journal of the American Statistical Association* (Vol. 85). <https://doi.org/10.2307/2290049>
- Kumarage, A. S. (2018). *Sustainable Transport Plan for Kandy*. (October 2017).

- Liébana-Cabanillas, F., de Luna, I. R., & Montoro-Ríos, F. (2017). Intention to use new mobile payment systems: A comparative analysis of SMS and NFC payments. *Economic Research-Ekonomska Istrazivanja*, 30(1), 892–910. <https://doi.org/10.1080/1331677X.2017.1305784>
- Liébana-Cabanillas, F., Molinillo, S., & Ruiz-Montañez, M. (2019). To use or not to use, that is the question: Analysis of the determining factors for using NFC mobile payment systems in public transportation. *Technological Forecasting and Social Change*, 139, 266–276. <https://doi.org/10.1016/j.techfore.2018.11.012>
- Liu, P., & Yi, S. (2017). The Effects of Extend Compatibility and Use Context on NFC Mobile Payment Adoption Intention. *Advances in Human Factors and System Interactions, Advances in Intelligent Systems and Computing*, 497. <https://doi.org/10.1007/978-3-319-41956-5>
- Madden, T. J., Ellen, P. S., & Ajzen, I. (1992). A Comparison of the Theory of Planned Behaviour and the Theory of Reasoned Action. *Personality and Social Psychology Bulletin*, 18(1), 3–9. <https://doi.org/10.1177/0146167292181001>
- Masamila, B., Mtenzi, F., Said, J., & Tinabo, R. (2010). A secured mobile payment model for developing markets. *Communications in Computer and Information Science*, 87 CCIS(PART 1), 175–182. https://doi.org/10.1007/978-3-642-14292-5_20
- Misango, S. B. (2016). *Analysis of Knowledge and Competence on Adoption of Cashless Payment System Among Passenger Service Vehicles in Nairobi City County, Kenya*. IV(9), 309–320.
- Model Fit. (n.d.). Retrieved from SmartPLS GmbH 2014 - 2019 website: <https://www.smartpls.com/documentation/algorithms-and-techniques/model-fit>
- NFC Forum. (2011). *NFC in Public Transport*. Retrieved from http://www.nfc-forum.org/resources/white_papers/NFC_in_Public_Transport.pdf
- Perera, B. M. N. (2007). *Evaluation and Analysis of Mobile Payment Adaptation in Sri Lanka* By B.M.N. Perera. (December).
- Pham, T. T. T., & Ho, J. C. (2015). The effects of product-related, personal-related factors and attractiveness of alternatives on consumer adoption of NFC-based mobile payments. *Technology in Society*, 43, 159–172. <https://doi.org/10.1016/j.techsoc.2015.05.004>

- Ramos-de-Luna, I., Montoro-Ríos, F., & Liébana-Cabanillas, F. (2016). Determinants of the intention to use NFC technology as a payment system: an acceptance model approach. *Information Systems and E-Business Management*, 14(2), 293–314.
<https://doi.org/10.1007/s10257-015-0284-5>
- Ringle, C. M., Da Silva, D., & Bido, D. D. S. (2014). Structural Equation Modeling With The SmartPLS. *Revista Brasileira de Marketing*, 13(2), 56–73.
<https://doi.org/10.5585/remark.v13i2.2717>
- Rogers, E. M. (1983). *Diffusion of Innovations*.
- Rogers, E. M. . (2003). Diffusion of Innovation. *Diffusion of Innovation , 5 Th Ed .*, (5th edition), 189–191.
- Roy, J. K. (2017). Adaptation of NFC mobile credit card (NFC- MCC): Technological evolution in payment system (mobile payment). *International Journal of Accounting and Business Finance (IJABF)*, 03(1 January-June), 73–84. Retrieved from
https://www.researchgate.net/publication/319291908_Adaptation_of_NFC_mobile_credit_card_NFC-MCC_Technological_evolution_in_payment_system_mobile_payment
- Schierz, P. G., Schilke, O., & Wirtz, B. W. (2010). Understanding consumer acceptance of mobile payment services: An empirical analysis. *Electronic Commerce Research and Applications*, 9(3), 209–216. <https://doi.org/10.1016/j.elerap.2009.07.005>
- Schifter, D. E., & Ajzen, I. (1985). Intention, Perceived Control, and Weight Loss. An Application of the Theory of Planned Behaviour. *Journal of Personality and Social Psychology*, 49(3), 843–851. <https://doi.org/10.1037/0022-3514.49.3.843>
- Sharma, P. N., & Kim, K. H. (2012). Model selection in information systems research using partial least squares based structural equation modeling. *International Conference on Information Systems, ICIS 2012, 1*(January 2010), 420–432.
- Tan, G. W. H., Ooi, K. B., Chong, S. C., & Hew, T. S. (2014). NFC mobile credit card: The next frontier of mobile payment? *Telematics and Informatics*, 31(2), 292–307.
<https://doi.org/10.1016/j.tele.2013.06.002>
- The Megapolis Western Region Master Plan*. (n.d.). Retrieved from
[http://www.slembassykorea.com/eng/download/Megapolis Master Plan.pdf](http://www.slembassykorea.com/eng/download/Megapolis_Master_Plan.pdf)
- Thilleivasan, D. (2019). *Building A National Payment Infrastructure for Automated Fare*

Collection and Micro Payments in Sri Lanka V2.

- Venkatesh, V., & Bala, H. (2008). Technology Acceptance Model 3 and a Research Agenda on Interventions. *Journal of Decision Sciences Institute*, 39(2), 273–315.
<https://doi.org/https://doi.org/10.1111/j.1540-5915.2008.00192.x>
- Venkatesh, V., & Davis, F. D. (2000). A Theoretical Extension of the Technology Acceptance Model: Four Longitudinal Field Studies. *Management Science*, 46(2), 186–204. <https://doi.org/10.1287/mnsc.46.2.186.11926>
- Venkatesh, V., Morris, M. G., Hall, M., Davis, G. B., Davis, F. D., & Walton, S. M. (2003). *User Acceptance of Information Technology: Toward A Unified View*. 27(3), 425–478.
- Vishwanthan, M. (2005). *Measurement Error and Research Design*.
<https://doi.org/doi.org/10.4135/9781412984935>
- Yang, S., Lu, Y., Gupta, S., Cao, Y., & Zhang, R. (2012). Mobile payment services adoption across time: An empirical study of the effects of behavioural beliefs, social influences, and personal traits. *Computers in Human Behaviour*, 28(1), 129–142.
<https://doi.org/10.1016/j.chb.2011.08.019>