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## Near field communication enabled mobile payments : Preliminary study (Article)

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### Abstract

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The ubiquitous computing has made consumers life easy, it has given the new way to interact with family and friends and perform many activities which were impossible in previous time. One of the profound achievement of ubiquitous computing is Mobile Payment and an advanced mode of the mobile payment is the near field communication mobile payment. In this study the authors have proposed theoretical near field communication mobile payment model that is based on extended unified technology acceptance and use of technology (UTAUT2). In this paper, the author have performed the pilot study to validate the variables and to verify their reliability among the proposed items. The results has proven that there is a reliability among the items in variables, as the Cronbach's alpha value for the variables is above or equal to 0.7. © 2016 Authors.

### Author keywords

Mobile payment Near field communication NFC Proximity payment.UTAUT2

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1 Ali, N.I., Samsuri, S., Sadry, M., Brohi, I.A., Shah, A.  
 Online shopping satisfaction in Malaysia: A framework for security, trust and cybercrime  
 (2016) *Proceedings - 6th International Conference on Information and Communication Technology for the Muslim World, ICT4M-2016, Setman*, ISBN: 978-150904521-1  
 doi: 10.1109/ICT4M.2016.43  
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2 Antovski, L., Gusev, M.  
 M-payments  
 (2003) *Proceedings of the International Conference on Information Technology Interfaces, ITI*, art. no. 1225328, pp. 95-100. Cited 25 times.  
 ISBN: 9539676967; 978-953967696-2  
 doi: 10.1109/ITI.2003.1225328  
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 (2012) *International Conference on Information Society, i-Society 2012*

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3 Cheng, Y.H., Huang, T.Y.  
(2013) *High Speed Rail Passengers' Mobile Ticketing Adoption*  
Transportation Research Part C: Emerging  
<http://www.sciencedirect.com/science/article/pii/S0968090X13000314>

4 Cronbach, L.J.  
Coefficient alpha and the internal structure of tests

(1951) *Psychometrika*, 16 (3), pp. 297-334. Cited 16916 times.  
doi: 10.1007/BF02310555

[View at Publisher](#)

5 Curran, K., Millar, A., Mc Garvey, C.  
Near Field Communication  
(2012) *International Journal of Electrical and Computer Engineering (IJECE)*, 2 (3), pp. 371-382. Cited 30 times.  
<http://iaesjournal.com/online/index.php/IJECE>

6 Dahlberg, T., Mallat, N., Ondrus, J.  
(2006) *Mobile Payment Mar- ket and Research-past, Present and Future*. Cited 8 times.  
Presentation. at helis-inki  
[https://www.researchgate.net/profile/Tomi\\_Dahlberg/publication/269114169\\_Mobile\\_Payment\\_Market\\_and\\_Research\\_Past\\_Present\\_and\\_Future/links/0f3175](https://www.researchgate.net/profile/Tomi_Dahlberg/publication/269114169_Mobile_Payment_Market_and_Research_Past_Present_and_Future/links/0f3175)

7 Hair, J.F., Black, W.C., Babin, B.J., Anderson, R.E.  
(1998) *MULTIVARIATE DATA ANALYSIS A Global Perspective*  
<https://pdfs.semanticscholar.org/6885/bb9a29e8a5804a71bf5b6e813f2f966269bc.pdf>

8 Karnouskos, S.  
(NFC)-Capable Mobile Devices for Mobile Payment Services  
(2007) *Encyclopedia of Mobile Computing and Commerce*. Cited 2 times.  
[http://diktio.dyndns.org/files/2007\\_NFC.pdf](http://diktio.dyndns.org/files/2007_NFC.pdf)

9 Khosravi, M., Karbasi, M., Shah, A., Brohi, I.A., Ali, N.I.  
An adoption of halal food recognition system using mobile Radio Frequency Identification (RFID) and Near Field Communication  
(2016) *Proceedings - 6th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2016*, art. no. 7814879, pp. 70  
ISBN: 978-150904521-1  
doi: 10.1109/ICT4M.2016.74

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10 Khosravi, M., Yusof, Z.M., Shah, A., Karbasi, M., Imtiaz Ali, N., Koondhar, M.Y.  
Halal Products Recognition Using Rfid/Nfc Technology  
(2017) *Science International (Lahore)*, 29 (3), pp. 687-692.  
<http://www.sciint.com/pdf/636330333888022627.pdf>

11 (2018) *"Mobile Payment Technologies*  
Accessed January 7  
<https://www.transparencymarketresearch.com/mobile-payments-market.html>