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Why do you adopt social networking sites?: Investigating the driving factors through structural equation modelling (Article)

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Abstract

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**Purpose:** The purpose of this paper is to investigate those factors that are associated with the adoption of social networking sites from the perspective of Muslim users residing in Malaysia. **Design/methodology/approach:** A complete self-administered questionnaire was collected from 223 Muslim users of social networking sites in Malaysia. Both exploratory and confirmatory factor analyses were used to sort the significant items for the constructs and to check the validity. Structural equation modelling was applied in testing the hypotheses and the fitness of the proposed model. **Findings:** The results of full structural model attest that technological and social factors are the most significant factors behind the adoption of social networking sites. However, this is followed by an educational factor. Among Muslim users in Malaysia, the study does not find significant influence of brand or product communication behind this adoption. **Originality/value:** The paper investigates those factors that are considered inevitable in the adoption of social networking sites. Invaluable findings were offered in the form of a structural model for the stakeholders of social networking sties. These findings can be used in planning and making decisions that may benefit all parties associated with it. © 2017, Emerald Publishing Limited.

Author keywords

[Adoption](#) [Drivers](#) [Malaysia](#) [Muslim users](#) [Social networking sites](#)

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References (28)

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Bolton, R.N., Parasuraman, A., Hoefnagels, A., Migchels, N., Kabadayi, S., Gruber, T., Loureiro, Y.K., (...), Solnet, D.

Understanding Generation Y and their use of social media: A review and research agenda

(2013) *Journal of Service Management*, 24 (3), pp. 245-267. Cited 203 times.  
doi: 10.1108/09564231311326987

[View at Publisher](#)

☐ 2

Goodman, M.B., Booth, N., Matic, J.A.


Mapping and leveraging influencers in social media to shape corporate brand perceptions

(2011) *Corporate Communications: An International Journal*, 16 (3), pp. 184-191. Cited 64 times.  
doi: 10.1108/13563281111156853

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(2016) *College and Research Libraries News*
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- (2010) *Strategic Direction*
- The social media toll road: The promise and peril of Facebook advertising
- Young, S.W.H. , Tate, A.M. , Rossmann, D.  
(2014) *College and Research Libraries News*
- [View all related documents based on references](#)
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- 
- ☐ 3 Byrne, B.M.  
(2010) *Structural Equation Modeling with AMOS: Basic Concepts, Applications, and Programming*. Cited 3772 times.  
2nd ed., Taylor and Francis Group, New York, NY
- 
- ☐ 4 Rodrigues Pinho, J.C.M., Soares, A.M.  
**Examining the technology acceptance model in the adoption of social networks**  
  
(2011) *Journal of Research in Interactive Marketing*, 5, pp. 116-129. Cited 38 times.  
doi: 10.1108/17505931111187767  
  
[View at Publisher](#)
- 
- ☐ 5 Chan, C.  
**Using online advertising to increase the impact of a library Facebook page**  
  
(2011) *Library Management*, 32 (4), pp. 361-370. Cited 16 times.  
doi: 10.1108/01435121111132347  
  
[View at Publisher](#)
- 
- ☐ 6 Chapleo, C.  
**Exploring rationales for branding a university: Should we be seeking to measure branding in UK universities?**  
  
(2011) *Journal of Brand Management*, 18 (6), pp. 411-422. Cited 32 times.  
doi: 10.1057/bm.2010.53  
  
[View at Publisher](#)
- 
- ☐ 7 Churchill, G.A., Iacobucci, D.  
(2005) *Marketing Research: Methodological Foundations*. Cited 522 times.  
Thomson, South-Western
- 
- ☐ 8 Greenhow, C.  
**Online social networks and learning**  
  
(2011) *On the Horizon*, 19 (1), pp. 4-12. Cited 64 times.  
doi: 10.1108/107481211111107663  
  
[View at Publisher](#)
- 
- ☐ 9 Hair, J.F., Black, W.C., Babin, B.J., Anderson, R.E.  
(2010) *Multivariate Data Analysis*. Cited 37205 times.  
7th ed., Pearson Prentice Hall, New Jersey
- 
- ☐ 10 Hawkins, J., Bulmer, S., Eagle, L.  
**Evidence of IMC in social marketing**  
  
(2011) *Journal of Social Marketing*, 1 (3), pp. 228-239. Cited 5 times.  
doi: 10.1108/20426761111170722  
  
[View at Publisher](#)
- 
- ☐ 11 Haque, A.K.M., Momen, A., Sultana, S., Yasmin, F.  
Effectiveness of Facebook towards online brand awareness: a study on Malaysian Facebook users perspective  
(2013) *Australian Journal of Basic and Applied Sciences*, 7 (2), pp. 197-203. Cited 2 times.
-

- 12 Haque, A., Momen, A., Sultana, S., Yasmin, F.  
Online brand awareness: determining the relative importance of Facebook and other strategies among the Malaysian consumers  
(2013) *Information Management and Business Review*, 5 (4), pp. 168-174.
- 
- 13 Harris, L., Rae, A.  
**Social networks: The future of marketing for small business**  
(2009) *Journal of Business Strategy*, 30 (5), pp. 24-31. Cited 76 times.  
doi: 10.1108/02756660910987581  
  
View at Publisher
- 
- 14 Jairak, R., Sahakhunchai, N., Jairak, K., Praneetpolgrang, P.  
**Factors affecting intention to use in social networking sites: An empirical study on Thai society**  
(2010) *Communications in Computer and Information Science*, 114 CCIS, pp. 43-52. Cited 3 times.  
ISBN: 3642166989; 978-364216698-3  
doi: 10.1007/978-3-642-16699-0\_6  
  
View at Publisher
- 
- 15 Tahir Jan, M., Abdullah, K.  
**The impact of technology csfs on customer satisfaction and the role of trust: An empirical study of the banks in malaysia**  
(2014) *Marketing Intelligence and Planning*, 32 (5), pp. 429-447. Cited 9 times.  
<http://www.emeraldinsight.com/info/journals/ijbm/ijbm.jsp>  
doi: 10.1108/IJBM-11-2013-0139  
  
View at Publisher
- 
- 16 Jan, M.T., Abdullah, K., Momen, A.  
Factors influencing the adoption of social networking sites: Malaysian Muslim users perspective  
(2015) *Journal of Economics, Business and Management*, 3 (2), pp. 267-270. Cited 3 times.
- 
- 17 de Jager, J.W., Jan, M.T.  
**A structural equation modelling approach to investigating the impact of academic, ict and management related factors on customer satisfaction in higher education**  
(2016) *Actual Problems of Economics*, 176 (2), pp. 358-369.  
<http://www.eco-science.net/jurnali/>
- 
- 18 Janon, N.S., Alwi, A.  
**Can being away from mobile phones for one hour benefit muslim adolescents? the role of intervention program**  
(2014) *2014 the 5th International Conference on Information and Communication Technology for the Muslim World, ICT4M 2014*, art. no. 7020657.  
ISBN: 978-147996242-6  
doi: 10.1109/ICT4M.2014.7020657  
  
View at Publisher
- 
- 19 Kennedy, M.R.  
**Collaborative marketing for electronic resources**  
(2011) *Library Hi Tech News*, 28 (6), pp. 22-24. Cited 2 times.  
doi: 10.1108/07419051111173892  
  
View at Publisher
-

- 
- ☐ 20 Lilley, S., Grodzinsky, F.S., Gumbus, A.  
**Revealing the commercialized and compliant Facebook user**  
  
(2012) *Journal of Information, Communication and Ethics in Society*, 10 (2), pp. 82-92. Cited 9 times.  
doi: 10.1108/14779961211226994  
  
[View at Publisher](#)
- 
- ☐ 21 Pierson, J., Heyman, R.  
**Social media and cookies: Challenges for online privacy**  
  
(2011) *Info*, 13 (6), pp. 30-42. Cited 7 times.  
doi: 10.1108/14636691111174243  
  
[View at Publisher](#)
- 
- ☐ 22 Salman, A.  
**Bangladesh's economy: Surrounded by deadly threats**  
  
(2009) *International Journal of Social Economics*, 36 (1-2), pp. 138-181. Cited 4 times.  
doi: 10.1108/03068290910921244  
  
[View at Publisher](#)
- 
- ☐ 23 Sekaran, U.  
(2003) *Research Methods for Business*. Cited 3408 times.  
John Wiley & Sons, USA
- 
- ☐ 24 Till, B.D., Baack, D., Waterman, B.  
**Strategic brand association maps: Developing brand insight**  
  
(2011) *Journal of Product & Brand Management*, 20 (2), pp. 92-100. Cited 24 times.  
doi: 10.1108/10610421111121080  
  
[View at Publisher](#)
- 
- ☐ 25 Zhang, J., Daugherty, T.  
Third-person effect and social networking: implications for online marketing and word-of-mouth communication  
(2009) *American Journal of Business*, 24 (2), pp. 53-64. Cited 41 times.
- 
- ☐ 26 'Ulyani Mohd Najib, N., Aini Yusof, N., Zainul Abidin, N.  
**Student residential satisfaction in research universities**  
  
(2011) *Journal of Facilities Management*, 9 (3), pp. 200-212. Cited 6 times.  
[emeraldgroupublishing.com/products/journals/journals.htm?id=jfm](http://emeraldgroupublishing.com/products/journals/journals.htm?id=jfm)  
doi: 10.1108/14725961111148108  
  
[View at Publisher](#)
- 
- ☐ 27 Rios, R.E., Riquelme, H.E.  
**Sources of brand equity for online companies**  
  
(2010) *Journal of Research in Interactive Marketing*, 4 (3), pp. 214-240. Cited 19 times.  
doi: 10.1108/17505931011070587  
  
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-

The influence of belonging to virtual brand communities on consumers' affective commitment, satisfaction and word-of-mouth advertising: The ZARA case

(2011) *Online Information Review*, 35 (4), pp. 517-542. Cited 55 times.  
doi: 10.1108/14684521111161918

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