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Prototype development of mobile app for trilingual Islamic banking and finance glossary of terms via iOS and android based devices (Article)

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Abstract

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The existing use of mobile technology nowadays can be integrated with various forms of learning materials such as electronic books and digital references in a form of dictionary or encyclopaedia. The expansion of Islamic banking practices through various local financial institutions which received vast attention nowadays by educationists and learners for instance, leads to the need in understanding the terminologies used in the industry. In view of this scenario, the paper shed some light on using a workable model for developing a purposeful mobile Islamic banking terminology glossary application in a more convenient way via mobile devices such as iPhone, iPad or any Androidbased smart gadgets. The mobile terminology glossary app was designed by using a developmental research design using via rapid prototype instructional design model. The process begun with a need analysis conducted among 225 respondents in International Islamic University Malaysia (IIUM) It further explored the prototype development and its implementations for mobile accessibility by providing multilingual glossary of Islamic banking and finance terminologies (Malay-Arab-English). This paper reports the findings design and development prototype based on the need analysis stage, inclusive of mapping users' device type, Internet accessibility, reasons for owning mobile devices, delivery and user interface, and preferred features to be embedded in the mobile app.

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References (37)

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- 1 Ghafar Ismail, A., Ahmad, S., Ahmad, J. (2011) *Kamus Kewangan Islam* Kuala Lumpur: Dewan Bahasa dan Pustaka

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- 2 Cavanaugh, J.K.
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-
- 3 Esnault, L.
Web-based education and pedagogical technologies: Solutions for learning applications
(2007) *Web-Based Education and Pedagogical Technologies: Solutions for Learning Applications*, pp. 1-339. Cited 4 times.
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doi: 10.4018/978-1-59904-525-2

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-
- 4 Skinner, B.F.
(1968) *The Technology of Teaching*. Cited 827 times.
New York: Appleton-Century-Crofts
-
- 5 Bruner, J.
(1966) *Toward a Theory of Instruction*. Cited 1936 times.
Cambridge, MA: Harvard
-
- 6 Brown, J.S., Collins, A., Duguid, S.
(1989) *Situated cognition and the culture*
-
- 7 Vygotsky, L.S.
(1978) *Mind in Society: the Development of Higher Psychological Processes*. Cited 18428 times.
Edited Cambridge Mass, London: Harvard University Press
-
- 8 Eraut, M.
(2000) *Non-formal learning, implicit learning and tacit knowledge in professional work: The Necessity of Informal Learning*. Cited 151 times.
F Coffield. Bristol: The Policy Press
-
- 9 Traxler, J.
Defining Mobile Learning
(2005) *Proceedings IADIS International Conference Mobile Learning 2005*, pp. 261-266. Cited 78 times.
Malta
-
- 10 Gayeski, D.M., Sanchirico, C., Anderson, J.
Designing Training for Global Environments: Knowing What Questions to Ask
(2002) *Performance Improvement Quarterly*, 15 (2), pp. 15-31. Cited 5 times.
<https://doi.org/10.1111/j.1937-8327.2002.tb00247.x>
-
- 11 Turunen, H., Syvaenen, A., Ahonen, M.
Supporting observation tasks in a primary school with the help of mobile devices
(2003) *Mobile learning: essays on philosophy, psychology and education. Communications in the 21st Century*, pp. 209-221. Cited 3 times.
In K Ny!ri (ed). Vienna: Passagen Verlag

□ 12 Attewell, J., Savill-Smith, C.
(2004) *Learning with mobile devices-research and development-a book of papers*. Cited 37 times.
Learning Skills Development Agency: London

□ 13 Schullo, S., Hilbelink, A., Venable, M., Barron, A.
Selecting a virtual classroom system: Elluminate Live vs Macromedia Breeze (Adobe Connect Professional)
(2007) *Journal of Online Learning and Teaching*, 3 (4), pp. 331-333. Cited 24 times.

□ 14 Bromham, L., Oprandi, P.
Evolution online: Using a virtual learning environment to develop active learning in undergraduates

(2006) *Journal of Biological Education*, 41 (1), pp. 21-25. Cited 13 times.
<http://www.tandfonline.com/loi/rjbe20>
doi: 10.1080/00219266.2006.9656052

[View at Publisher](#)

□ 15 Thornton, P., Houser, C.
Using mobile phones in education

(2004) *Proceedings - 2nd IEEE International Workshop on Wireless and Mobile Technologies in Education*, pp. 3-10. Cited 95 times.
ISBN: 076951989X; 978-076951989-0
doi: 10.1109/WMTE.2004.1281326

[View at Publisher](#)

□ 16 Proctor, N., Burton, J.
Tate Modern multimedia tour pilots 2002-20
(2003) *Proceedings of MLEARN 2003: Learning with Mobile Devices*, pp. 127-130. Cited 22 times.
London, UK: LSDA

□ 17 Colley, J., Stead, G.
Take a bite: producing accessible learning materials for mobile devices
(2003) *Proceedings of MLEARN 2003: Learning with Mobile Devices*, pp. 43-46. Cited 17 times.
London, UK: Learning and Skills Development Agency

□ 18 Wang, M., Shen, R., Novak, D., Pan, X.
The impact of mobile learning on students' learning behaviours and performance:
Report from a large blended classroom

(2009) *British Journal of Educational Technology*, 40 (4), pp. 673-695. Cited 117 times.
doi: 10.1111/j.1467-8535.2008.00846.x

[View at Publisher](#)

□ 19 Uzunboyulu, H., Cavus, N., Ercag, E.
Using mobile learning to increase environmental awareness

(2009) *Computers and Education*, 52 (2), pp. 381-389. Cited 104 times.
doi: 10.1016/j.compedu.2008.09.008

[View at Publisher](#)

- 20 Clarke, P., Keing, C., Lam, P., McNaught, C.
Using SMSs to Engage Students in Language Learning
(2008) *In Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2008*, pp. 6132-6141. Cited 10 times.
Chesapeake, VA: AACE
-
- 21 Rogers, Y., Connelly, K., Hazlewood, W., Tedesco, L.
Enhancing learning: A study of how mobile devices can facilitate sensemaking

(2010) *Personal and Ubiquitous Computing*, 14 (2), pp. 111-124. Cited 56 times.
doi: 10.1007/s00779-009-0250-7

[View at Publisher](#)
-
- 22 Clarke, P., Keing, C., Lam, P., McNaught, C.
Using SMSs to Engage Students in Language Learning
(2008) *In Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2008*, pp. 6132-6141. Cited 10 times.
Chesapeake, VA: AACE
-
- 23 Guenther, S., Winkler, T., Ilgner, K., Herczeg, M.
Mobile Learning with Moles: A Case Study for Enriching Cognitive Learning by Collaborative Learning in Real World Contexts
(2008) *In Proceedings of World Conference on Educational Multimedia*, pp. 374-380. Cited 3 times.
Hypermedia and Telecommunications 2008 Chesapeake, VA: AACE
-
- 24 Hsu, H.-Y., Wang, S.-K., Comac, L.
Using audioblogs to assist English-language learning: An investigation into student perception

(2008) *Computer Assisted Language Learning*, 21 (2), pp. 181-198. Cited 70 times.
doi: 10.1080/09588220801943775

[View at Publisher](#)
-
- 25 Al-Fahad, F.N.
(2009) *Students' Attitudes and Perceptions towards the Effectiveness of Mobile Learning in King Saud University, Saudi Arabia*. Cited 4 times.
Online Submission
-
- 26 Clarke, P., Keing, C., Lam, P., McNaught, C.
Using SMSs to Engage Students in Language Learning
(2008) *In Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications, 2008*, pp. 6132-6141. Cited 10 times.
Chesapeake, VA: AACE
-
- 27 Cavus, N., Uzunboylu, H.
Improving critical thinking skills in mobile learning

(2009) *Procedia - Social and Behavioral Sciences*, 1 (1), pp. 434-438. Cited 44 times.
doi: 10.1016/j.sbspro.2009.01.078

[View at Publisher](#)
-

28 Esnault, L.
Web-based education and pedagogical technologies: Solutions for learning applications

(2007) *Web-Based Education and Pedagogical Technologies: Solutions for Learning Applications*, pp. 1-339. Cited 4 times.
<http://www.igi-global.com/book/web-based-education-pedagogical-technologies/1056>
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doi: 10.4018/978-1-59904-525-2

View at Publisher

29 Tripp, S.D., Bichelmeyer, B.
Rapid prototyping: An alternative instructional design strategy

(1990) *Educational Technology Research and Development*, 38 (1), pp. 31-44. Cited 128 times.
doi: 10.1007/BF02298246

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30 Tripp, S.D., Bichelmeyer, B.
Rapid prototyping: An alternative instructional design strategy

(1990) *Educational Technology Research and Development*, 38 (1), pp. 31-44. Cited 128 times.
doi: 10.1007/BF02298246

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31 Tripp, S.D., Bichelmeyer, B.
Rapid prototyping: An alternative instructional design strategy

(1990) *Educational Technology Research and Development*, 38 (1), pp. 31-44. Cited 128 times.
doi: 10.1007/BF02298246

View at Publisher

32 Sahrir, M.S., Yusri, G.
Online vocabulary games for teaching and learning Arabic

(2012) *GEMA Online Journal of Language Studies*, 12 (3), pp. 961-977. Cited 6 times.
[http://www.ukm.my/ppbl/Gema/GEMA%20vol%2012%20\(3\)%202012/Vol_12_3_\(961-977\).pdf](http://www.ukm.my/ppbl/Gema/GEMA%20vol%2012%20(3)%202012/Vol_12_3_(961-977).pdf)

33 Kinzie, M.B., Cohn, W.F., Julian, M.F., Knaus, W.A.
A user-centered model for Web site design: Needs assessment, user interface design, and rapid prototyping

(2002) *Journal of the American Medical Informatics Association*, 9 (4), pp. 320-330. Cited 62 times.
doi: 10.1197/jamia.M0822

View at Publisher

34 Lee, J.
Adaptive courseware using Kolb's learning styles
(2012) *International Magazine on Advances in Computer Science and Telecommunications (IMACST)*, 3 (1), pp. 45-59. Cited 5 times.

35 Jenson, Y.
(2011) *Mobile apps must die*. Cited 3 times.
October
<http://jenson.org/mobile-apps-must-die/>

□ 36 Chen, B.X.
(2009) *How the iPhone could reboot education*. Cited 3 times.
August
<http://www.wired.com/2009/12/iphone-university-abilene/>

□ 37 Edwards, J.
(2014) *These maps show that Android is for poor people*
April
<http://www.businessinsider.my/android-is-for-poor-people-maps-2014-4/>

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