Abstract

With the rapid development of mobile computing technologies, a new style of learning, termed as “mobile learning”, has exploded everywhere in the world. This is now considered as an
essential learning style in the future. This paper presents the framework of a contextual mobile learning system taking into account the learning environment at Saudi Arabian universities. With the help of this system, the students can learn just in time in their daily lives whenever they need to learn; using mobile computing devices like Tablet PCs and Smart Phones. The main principles and the essential components such as functional modules and context databases are presented. The mobile learning framework has been validated by an interview based qualitative method.

Reference

- Traxler J., “Defining, Discussing, and Evaluating Mobile Learning: The moving finger writes and having writ... “, The International Review of Research in Open and Distance Learning, Vol 8, No 2 (2007)
- Keegan D., “The incorporation of mobile learning into mainstream education and training”. Paper presented at mLearm 2005, the 4th World Conference on Mobile Learning held in October 2005 at Cape Town, South Africa.
- Cavus N. & Al-Momani M.M., ”Mobile system for flexible education”, Procedia Computer Science, Volume 3, 2011, Pages 1475-1479

**Index Terms**

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**Key words**

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