

Adaptation of Mobile Learning in Higher Educational Institutions of Saudi Arabia Fathima Sakeena Narayanasamy College of Computer Science & Information Systems, Jazan University, Jazan Kingdom of Saudi Arabia Jarina Begum Khan Mohamed College of Computer Science & Information Systems, Jazan University, Jazan Kingdom of Saudi Arabia

ABSTRACT Mobile learning (m-learning) is a new learning approach, relatively new research concept, has become an emerging learning trend for education system with mobile devices, internet and wireless technologies.[2] Naji Shukri Alzaza, Abdul Razak Yaakub, "Students's mobile information prototype for higher education environment", American journal of economics and business administration, 3(1), (2011), pp81–86 [3] Mohamed Sarab, Laila Elgamal, Hamza Aldabbas, "Mobile learning and Educational environments", International journal of distributed and parallel systems, Volume 3, No 4, July (2012) [4] Tanya Elias, "Universal Institutional design principles for mobile learning", International review of research in open and distance learning, volume 12, 2, Feb (2011) [5] Huseyin Uzunbaylu, Nadarie Cavus, Enric Encag, "Using mobile learning to increase the environmental awareness", Computer & Education, (2009), pp 381–389 [6] Firouz Anaraki, "Assessment of m-learning –A case study: Assumption University of Thailand", Fourth international conference on Elearning for knowledge based society, Nov 18 –19, (2007), Bangkok, Thailand [7] John Traxler, "Defining mobile learning", IADIS – International conference on mobile learning, (2005) [8] Guidelines for learning in mobile environment, MOBIlearn, June (2003) [9] Maduri Kumari, Vikram Singh, "Mobile Learning: an emerging learning trend", Tata Consultancy Services, India. Elliott Masie defines mobile learning quite broadly as, "Mobile learning is defined as all 'knowledge in the hand.' It includes the use of mobile / handheld devices to perform any of the following: Deliver education / learning, Foster communications / collaboration, Conduct assessments / evaluations, Provide Access to performance support / knowledge". The cost of mobile devices and calling rates are quite affordable and the mobile infrastructure in Saudi Arabia is well established resulting in most people acquiring mobile devices with improved features every year.

INTRODUCTION Mobile learning is a technique that uses handheld devices, together with wireless and mobile phone networks, to facilitate, support, enhance and extend the reach of teaching and learning [1].

BACKGROUND Generally, Mobile learning has been defined as learning that takes place via wireless devices such as mobile phones, personal digital assistants (PDAs), or laptop computers [2]. Data was collected through the questionnaire, 300 under graduate students from various departments of Jazan University were participated successfully in this research. The results indicated that students have an adequate knowledge and awareness in m-learning and provided the strong evidence on readiness of students to accept mobile technologies for their learning process.[10]

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AUTHOR'S PROFILE Fathima Sakeena Narayanasamy Fathima Sakeena was born in India, on February 24, 1981. This study aims to investigate the students' awareness of m-learning and its aspects, the adaptation of m-learning in education and the disclosure of m-learning services. This result also showed an indication of students' expectations towards university services via mobile phones in higher educational institutions. To adopt and utilize this m-learning technology in higher educational institutes must need to understand the students' awareness of m-learning and its impacts with expected

services. She obtained her B.E degree in Electronics & Communication Engineering from Bharathidasan University, Tiruchirappalli, India on 2002. M-learning is expected to be delivery of electronic learning material on mobile computing devices and offer the advantages of learning anywhere and anytime with mobile devices [6]. Currently, she is a lecturer in College of computer science & Information systems at Jazan University, Saudi Arabia. Jarina Begum Khan Mohamed Jarina Begum was born in India, on December 8, 1974. Currently, she is a lecturer in College of computer science & Information systems at Jazan University, Saudi Arabia. M-learning is the next generation of E-learning, which will provide easy access and wide availability to students with more collaborative learning opportunities and activities. General Terms Mobile learning, Jazan University Keywords Mobile learning, educational services

1. M-learning as one of the up-and-coming educational and training method seems to be fastest developing in educational market. M-learning enables students to merge their learning experiences in a shared collaborative environment [2]. She obtained her BSc degree in Computer science from Madurai Kamaraj University, India on 1992. She received her MCA degree in Computer Applications from Madurai Kamaraj University, India on 1998. The main reason for choosing mobile learning in our research is its popularity especially with young students today. Her research interests include mobile computing; cloud computing, E-learning, M-learning, and Biometrics and information security. She pursued her M.Phil degree from Madurai Kamaraj University, India on 2008. Almost every person in Jazan University owns at least one mobile phone. Her research interests include Biometrics, Information security, cloud computing, E-learning and M-learning. She received her M.Tech degree in . Information Technology from Anna University, Chennai, India on 2005. 2