

Modelling the Learner's Perspectives on Mobile Learning in Higher Education

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Abstract— Mobile learning is a novel learning technique prevailing in the modern world. It has been identified that the important and balanced contribution from different stakeholders are required to create an environment for a better mobile learning experience. There are many reasons for learners to select mobile learning as an environment for their academic activities. The main objective of this study is modelling the learner influencing factors on mobile learning adoption for their learning activities in applicable and sustainable manner. The six main adoption factors are identified for the proposed model namely usefulness, interactivity, motivation, attitude, facilitating conditions, and ease of use. In the evaluation process, online pre-usage and post-usage questionnaires were used to introduce above six factors and 150 undergraduate students were obtained as a sample. Initially, the students were asked to fill the pre-usage questionnaire and secondly, they were obtained in the novel mobile learning system by using its features and facilities and finally, asked to fill the post-usage questionnaire. Results of the present study reveals that the most significant influencing factor is “Interactivity” on the learner’s mobile learning adoption. In conclusion, incorporating interactivity, usefulness, motivation, attitude, facilitating conditions and ease of use into the mobile learning adoption can better explain the learner perspectives in applicable and sustainable mobile learning framework.

Keywords— Mobile learning, learner perspectives, influencing factors, higher education