

A Proposed new quality model for children mobile learning applications

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Abstract

Mobile learning (M-Learning) is known as an electronic system based on wireless communication so that the learner can access educational materials anytime and anywhere. Studies have indicated a high-quality transformed learning can improve student experience and learning outcomes. Hence, this thesis proposed new quality model for children's mobile learning applications, this model contains two main characteristics and twelve sub-characteristics. Moreover, to validate the proposed model, a questionnaire was developed to gather data. Which was randomly distributed to the study sample. The data were statistically processed using the statistical packages program (SPSS). The results show that the two main hypotheses (technical and pedagogical) are accepted and have a significant effect on user satisfaction of mobile learning applications, while the other twelve sub-hypotheses, seven were accepted and five were rejected. Depend on the proposed model a mobile learning application prototype was developed.

Keyword, Mobile Learning, Pedagogical, Quality Model, Technical, User Satisfaction.