

A Study of Using Information System Success Model and Technology Acceptance Model to Explore Student Learning ...

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ABSTRACT

With the rapid development of information technology, Blog has already become the most famous application on the internet and currently it has rapidly expanded in education as well. Our research provide a high quality learning environment without a restriction by time and space for teacher and students to carry on learning communication and learning collaborative through Computer Supported Collaborative Learning(CSCL) in Blog-based Portfolio System. Meanwhile, by using Technology Acceptance Model and external variables of Information System Success Model, System Quality, Information Quality and Service Quality as a research framework and exploring how learners degree of learning effectiveness in Blog-based CSCL Portfolio System. This empirical study involved 120 postgraduate students and conducted to test research model and hypothesis, then tried to conclude the following three research findings: (1) We offer the assessed system which can be found the key factors effect on learners' satisfaction and learning effectiveness. (2) Perceived Usefulness is an important factor on learners learning satisfaction. Besides, Learning Satisfaction is also a key factor of learners learning effectiveness. (3) Moreover, we divided targets into three groups of learning effectiveness types by using cluster analysis, and then utilized the discrimination analysis to identify the validity of cluster analysis.

Keywords : Blog ; Portfolio ; Collaborative Learning ; Technology Acceptance Model ; Information System Success Model

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