A Study of Effectiveness of E-teaching Portfolio in Blogosphere -- A Case Study of Junior High and Primary Schools in ..

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ABSTRACT

This focus of this study is whether or not Blogosphere E-portfolios is accepted and continuously applied to teaching by teachers. A theoretical model is proposed in the study to predict the possibility of success and continuance usage of Blogosphere E-portfolios. The model constructed on the basis of 3 thoeries 1. Technology Acceptance Model (TAM) — providing the core concepts of Perceived Usefulness (PU) and Perceived Ease of Use (PEOU). 2. Expectation-Confirmation Theory (ECT) — defining factors such as Confirmation, Satisfaction and Continuance Usage. 3. IS Success Model — bringing in the ideas of Information Quality and System Quality. Data in this study are collected through survey. 260 copies of questionnaire were given to teachers who participated in the Competition of Portfolios Blog in Changhua County, 2006. 195 copies of the questionnaires were completed and returned, which made a response rate of 75 %. The data firstly went through a confirmatory factor analysis to test its reliability and validity. Then a follow-up structural equation modeling was applied to test the hypothesis made by the theoretical model in this study. The results indicate: 1. Confirmation is influenced by Information Quality, System Quality, and PU. 2. Satisfaction is influenced by confirmation, PU, and PEOU; while Information Quality and System Quality do not significantly influence satisfaction. 3. Satisfation and PU have significant influence on Continuance Usage Intention.

Keywords : Blog ; E-Portfolios ; Expectation-Confirmation Theory ; Technology Acceptance Model


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