

Analyzing the E-Learning Satisfaction Factors Among University Students' in Software Engineering Domain

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E-learning has become popular within science faculties in Sri Lanka involve access to computers and significant knowledge of information technology. E-Learning provides a Web-based learning platform with a representative and more flexible framework which could support learning and teaching. E-learning provides various services that are customized by the students' needs, knowledge, expertise, and experience. This study focused on the undergraduates' analyzing the eLearning as an effective tool. , this study focused on analyzing the e-learning satisfaction factors among university student's in the software engineering domain at the University of Kelaniya, Sri Lanka. This research aimed to provide a set of factors to be well-thought-out when an E-learning activity is planned and proposed to E-learners in the university of Kelaniya, Sri Lanka. The linear regression techniques were used to test the proposed research hypotheses. The technique run with online course satisfaction as the dependent variable, perceived usability, perceived quality, perceived value and computer self-efficacy as the independent variables. This study was based on a total sample of 150 students who are following Software Engineering degrees in the university Kalaniaya Sri Lanka. Point toward the results, that the effectiveness of e-learning is related to how confident students are while using the computer and the web-based learning software. The results of the study indicate that developers need to consider self-efficacy issues while developing e-learning systems.

Keywords: E-learning; Online learning; Student satisfaction

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