Abstract

To improve education, Telkom University has a Learning Management System (LMS) called Intregated Distance Education Application (IDEA). However, IDEA has not been fully exploited as a medium that helps learning, because there are still many students at Telkom University who are not yet using IDEA. Therefore, it takes any measurement of the IDEA user acceptance. Technology Acceptance Model (TAM) has been shown to consistently be able to explain the factors that influence user acceptance of the technology, such as perceived ease of use, perceived usefulness, attitude, behavioral intention, self efficacy, subjective norm, and system accessibility. Following the analysis of the measurement of the factors that influence user acceptance by using SPSS 23.0 and also SmartPLS 2.0, the results obtained have an influence perceived usefulness by 27%. Self efficacy has an effect of 23% .Attitude has the effect of 21%. Perceived Ease of use by 18%. Then designed the making recommendations for improvement based heuristic evaluation according to the concept of HCI (Human Computer Interaction). Feedback, Consistency, Prevention, Memory, Efficiency, Design, and Help the domain on which to base recommendations for improvement of e-learning IDEA.

Keywords: *Learning Management System, Technology Acceptance Model*, *Human Computer Interaction*, IDEA, SPSS 23.00, SmartPLS 2.0