Analisis dan Implementasi E-Learning Readiness Assessment Tool untuk Penerapan Online Learning pada Perguruan Tinggi

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Abstract
E-learning is a distance learning system that utilizes information technology in the teaching and learning process. E-learning itself has become part of the daily life of students in Indonesia, starting from elementary school to university. But the implementation of e-learning in Indonesia is still ineffective both in terms of institutions and students. Elearning readiness can be defined as the level of readiness of an institution based on factors that must be measured before e-learning can be applied for certain purposes. E-learning readiness is influenced by existing factors. These factors must meet the minimum reference value so that e-learning can be implemented. In this final project, the author builds a web-based survey application for e-learning readiness measurement. In the system built, there are 13 main factors that become assessment points and in these factors there are questions that assess e-learning readiness. The results on the system show that the system has successfully performed calculations, and the system output is the same as the sample data used for system validation trials and is ready to be used for measuring e-learning readiness in universities.

Keywords: *e-learning, e-learning readiness*