ABSTRACT

The Development of e-Learning Maturity Model (eMM) for Higher Education Institution in Indonesia

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Modern Era of the 21st century is characterized by rapid development of information and communication technology (ICT). The benefits of ICT application has been felt in almost all the of community life in the world in general and in Indonesia in particular. One very important application of ICT in education is the e-Learning.

Although the development of e-Learning in higher education in Indonesia has been so rapid, there are no tools that can evaluate the process of design, implementation and development for e-Learning. e-Learning in the world, particularly in New Zealand has made progress earlier than in Indonesia, and there has been a tool that can evaluate e-Learning is referred to as e-Learning Maturity Model (eMM). EMM has 5 (five) process area or categories, 35 (thirty five) processes and the 5 (five) dimensions. Each process has to be assessed practically in every dimension by practical statements.

This research produce new eMM result from the Adaptation of existing eMM (e-Learning Maturity Model) that can be applied to measure the maturity and capability of e-learning process in Indonesia. The Adaptation is using the root-cause analysis and it was affected by seven factors, namely: education regulation, Process, Product, People, Dimension of Organization, Dimension of Resource of Funds and Indonesian Condition (e-readiness & Type of e-Learning).

Keywords: e-Learning, e-Learning Maturity Model (eMM), Root-Cause analysis, Adaptation, dimension