

Abstract

The quality of an information system can shown from the maturity level of organization or institute. So it will find the range of process management development. In e-learning area, has built an eMM model (e-Learning Maturity Model) that will be criterias of organization or institute e-learning maturity level measuring.

Evaluation process conducted by e-learning process management development of priority consideration will make a recommendation more efficient and directed. eMM as a reference in e-learning maturity evaluation process has many criterias. Based on that, needed AHP method to determine maturity level with e-learning process management development of priority consideration with eMM multicriteria. In this study, AHP will solve the problem of complex eMM multicriteria. So there is a combination process between AHP and eMM which AHP priority weight will influences the eMM evaluation process in determine maturity level.

Institut Teknologi Bandung (ITB) is one of educational institute which applies an e-learning. The condition of e-learning infrastructure is ready but in fact, not the entire academic community of ITB are active in e-learning. This is because of lack of socialization and role of institute in supporting e-learning. Besides that, ITB has some superior mission is to be accomplished too. From this problems, it is used AHP to measure the e-learning maturity level of ITB based on eMM area to help improve the e-learning quality of ITB.

Based on the evaluation, the maturity level of ITB is at level 3 (defined). This indicates that the ITB has integrated e-learning into the strategic teaching and learning of planning which refers to menstra ITB overall. e-learning purposes of ITB has been made but the planning and institute policies are incomplete and immature. So it built a recommendation to improve the quality of those processes which consists of recommendations for considered a priority subarea and recommendation for improvement subarea needs to be done at this time.

Keywords: e-Learning Maturity Model (eMM), Analytical Hierarchy Process (AHP), Bandung Institute of Technology.