

ABSTRACT

E-learning is an advancement in education also information and technology field. With e-learning, teaching and learning system can be accessed wherever and whenever. It can be accessed by coursers and students from everywhere, so it's more flexible. Thus, coursers and students are more fasilitated. But, most of available e-learning nowadays didn't pay attention in the evaluation proccess. Whereas to measure quantitative ability of one student, evaluation is the right way.

Therefore, e-learning with adaptive evaluation is needed. Evaluation which can adapt its evaluation content suitable to quantitative condition of a group of students with question analysys, ease courser tobuild evaluation, scheduling, and alsoease the student to access and know their full report.

With this application, coursers can make evaluation for their students, and know students's quantitative ability easily. The students also can access evaluation more flexible. Based on alpha and beta testing, this application can be implemented. This can be seen in the results of the beta testing of the assessment received 40%, this application feature is helping, 45% agree that evaluation system in this application is helping enough, and 60% agree this application needed to help database design course.

Keywords : E-learning, adaptive evaluation, database design course.