

Abstract

Indonesian Accreditation Board for Engineering Education (IABEE) explains that a field of study should design a systematic curriculum and determine the evaluation method in order to meet learning achievement [1]. To meet that standards, Telkom University has applied a curriculum with competency-based evaluation system. Competency-based evaluation system is a process to assess a person's success at any goal to be achieved [2].

In order to support the application of the new curriculum, an integrated system between students ability and direct evaluation of assessment is needed. In other words, that system called E-learning. E-learning is a learning system that supported by the use of digital and content equipment which involved some interactivity such as online interaction between teacher and student that can be done anytime and anywhere [3]. E-learning system is expected to make all parties to see the learning achievement of each subject easier.

The development of this E-learning system uses some prototype model and implemented by using PHP programming language, MySQL database and another supporting system.

Keywords : *e-learning, IABEE, PHP, MySQL, prototype.*