ABSTRACT

CONSTRUCTION OF E-LEARNING SYSTEM FOR IMPROVING THE QUALITY OF TEACHING AND LEARNING AT SMK AL MUSLIM BEKASI

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Web-based learning is one of distance learning systems that utilize Internet technology. One of them is e-learning. This system is a media intermediary between teachers and students in the process of learning interactions without having to meet in person, but enough with the intermediary website. E-learning has become a necessity for the civitas academic, given that both teachers, students and educational institutions have made use of computer technology in the process of teaching and learning activities.

Use of e-learning is expected to motivate increased quality of learning and teaching materials, the quality of students' activity and independence, as well as communication between teachers and students and between students. Educational institutions are expected to make the most of e-learning technology as a means of supporting teaching and learning in the classroom. Through e-learning teachers can manage course material online and can interact with students and fellow teachers through a discussion forum to discuss the subject matter has not been delivered in the classroom. On the other hand, students can access information and course materials, interact with fellow students and teachers, conducting transactions school assignments, work on the assignment of teachers and others.

The method used to build the system in the stage of data collection is the study of literature, observation and book study while system development phase use model of waterfall. The method used is a data stream that consists of structured DFD *in describing functional model and* ERD *in depicting data model.*

***Key word**: Internet, Website, E-Learning*