ABSTRACT

APPLICATION OF LEARNING MANAGEMENT SYSTEM AT SMK IGASAR PINDAD

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SMK Igasar PINDAD has education facilities those are complete enough appropriate for needs of teaching. There are obstacles in teaching and learning process in that school, especially outside the classroom. This school does not have the facility of learning in virtual world that exactly developing in the community. The lack of reference makes the students still have to look on google in order to get reference appropriate with technological development. Lack of effective monitoring of student learning progress by parents who only monitored through raport become weakness. The main obstacle in teaching and learning in that school is the lack of time and place of communication between teachers and students if there are still something that are not understood yet. Therefore, Learning Management System application is made as learning device in SMK Igasar PINDAD.

E-learning application is made using Learning Management System (LMS) method. This method is chosen to create an online school materials and manage learning activities and outcomes. LMS serves to store, manage, and distribute a variety of learning materials and exams that have been prepared. Analysis method of software used is structured analysis modeling. Modeling tools used are flowmap, E-R diagram, and DFD (Data Flow Diagram). The research methodology used in this research is descriptive analysis method.

Based on test results, system is considered good enough in assisting the learning process. These systems facilitate the monitoring of student progress, provide appropriate references to the needs and facilitate communication among users. This system is also easy to learn, easy to use, and it also has the attractive appearance that different from other sites generally.

Keywords : E-learning, Learning Management System.