

ABSTRACT

Learning Management System (LMS) is an application that virtualize the learning process electronically. Learning Management System (LMS) functions to manage the classroom, exchanging information, providing learning materials and manage learning activities. During this learning process in SMA N 1 Dayeuhkolot students and teachers only occurs during the class meeting, if the meeting between teachers and students do not occur or the teacher concerned is not present and instructional time is limited by the school. Then automatically the learning process would be hampered. This application is made by the waterfall method using the PHP programming language with CodeIgniter framework and use MySQL as the database server. User of this application is admin, teachers, and students. And this application will use the testing method using a blackbox testing and user acceptance test (UAT). Application Learning Management System is expected to help the learning process in SMA N 1 Dayeuhkolot. Make it easy for teachers to provide lesson material. LMS can be used as additional discussion media to discuss the subject matter that unfinished and can practice when doing tasks/quiz nor offline tasks given by teacher.

Keywords : Learning Management System, manage the classroom, provide materials, manage learning activities, waterfall