ABSTRACT

Management learning activities web based application (case study: Pesantren Imam Bukhari Jatinangor, Sumedang) is an application that holds purpose to help school administrators to manage learning and teaching activities for students. Today, teachers are required to recapitulate grades and attendance of their students manually. The absence of students' performance and learning process in form of periodical reports notified to parents has caused difficulties for them to check on the academic performance of their children. Not only that, the grading system which relies heavily only on Ms. Excel makes the data hard to compile since it is too scattered. This application provides manage options for school and students grades, plotting options to check on teachers and students' schedule, also input and see attendance options to be filled in by teachers. Furthermore, students academic performance would be reported to parents periodically. By using this application, user would be able to manage data and receive information regarding learning and teaching activities easily. This application is created using SDLC waterfall model up to final testing. Web-based infrastructure is used for this application. It is built upon codeigniter framework and MYSQL.

Keywords: Application, Learning-teaching, web-based