

ABSTRACT

SD Ar-Rafi 'is one of the famous private schools in Bandung, West Java. In Ar-Rafi 'the process of recording student grades and student attendance is still using the manual so it takes a long time to process the final value and takes time to recap attendance every semester. The archive is still in hardcopy to allow the file to be lost or corrupted.

With these issues, it is proposed to make the Student Assessment and Presentation Application for Academic Learning Activities especially for the 1st grade elementary school with 4 main features, which are features to record the student's grade every subject by teacher or homeroom teacher, a feature to record the recitation of the Quran by the teacher Or homeroom teacher, a feature to record teacher attendance by students, and features to view all student grades and presences by parents. This application consists of two applications namely for web-based applications and android applications. Web apps used by teachers or homerooms and android apps are used by parents. This application is made with waterfall method, basis data with MySQL, and programming language PHP with Codeigniter framework. While testing using black box.

From the test results show that the recording feature of student value every subject, recording the value of recitation of the Qur'an, recording student presences, and see the value and presence of students by parents produce valid results. This is indicated by in the absence of error from black box testing. The pengguna entered the data incorrectly, got an error message so the pengguna knows that what has been entered is correct or not.

Keywords: Waterfall, Mysql, PHP, Codeigniter, Ar-Rafi', Value, Presence.