Telkom University

ABSTRACT

Senior High School 8 Bandung is an education institution which is located in Bandung precisely in the way Selontongan No. 3. The vision of SMAN 8 Bandung is develop a quality service to stakeholders of the school through the use of information and communication technologies. As for the utilization of these technologies is the academic field, where one part of the problems in the academic field is the processing of a student's academic score. The processing of academic score have a problems still occur because the processed separately by teachers that are stored in a single document with a different sheet causing data redundancy, data search process is slow. The results of the final project, the writer builds a processing applications academic score in accordance needs are an equipped with the features of the application is able to prevent data redundancy in data entry, simplify the search process value quickly approve students' grades, history activity by the user and SMS broadcast to parents student. The author build this application using waterfall methodology in the execution stages using the model of Object Oriented Programming (OOP) using the programming language PHP programming language PHP CI are using CodeIgniter framework in the data storage using a Database Management Sistem (DBMS) open source MySQL. Next in the trial testing use test sistem Blackbox, Utility Testing and Acceptance Testing.

Keywords: Academic Score, Waterfall, MySQL.