

ABSTRACT

This final project is made to make the application of high school student information value, because currently there is often uncontrolled monitoring of the value of the students are often lazy to do the task, or not in class. Therefore, teachers, principals, and parents are difficult to monitor student value information, and only know the students enter the school only. Parents also can not know the problems of students in school. While parties from schools especially teachers are very old to process student grades. Or headmaster is difficult to monitor the development of values and actions of students in school. Because the principal, teachers, and parents need a medium that can be used to obtain information on the value of students effectively and efficiently in the school. Therefore the process and methods used in this application is to use the waterfall method is to start by conducting the process of analysis where the case study, the design process, the coding process, and the process of testing directly to the case study. This application is created by using programming language Framework Code Igniter, PHP, and MySQL database. And also use a web-based system and sms gateway that handles student value information in school. Monitoring system is intended for principals to know the development of students in school and also parents can more easily monitor their children through the sms gateway provided directly from the school. The scoring system of the teachers for the students will be easier in the process, from the results of testing performed will be established system functionality that can run well and can provide good benefits to the user. All systems are expected to run, both in the form of sms system and web system.

Keywords: Values, Monitoring, Gateway Sms, Graph Score