ABSTRACT

SMP Negeri 34 Bandung is one of the schools that apply 'Kurikulum 2013' as a means of the learning process. In SMP Negeri 34 Bandung, processing and data storage the students still use microsoft excel, who weaknesses as data at are not integrated, the possibility that duplicating data, and the search the data takes a long time that the data stored in various file and the different sheet. Generation purposes application of this is helping staff administrative in managing data students and teachers, help the teacher to input the students's score, help staff curriculum to processing students's score, and there are features sms gateway to send the middle test score to parents, so parents does not need to wait report out to know the students's score. And the headmaster can see the report students. Application is built with a waterfall method, with programming language php and use framework codeigniter and mysql as a medium data storage. Sms gateway used to inform the student's score to parents. For testing this application uses user acceptance testing, user usability testing, and black box testing. With the application is expected to be more helpful performance teachers in SMP Negeri 34 Bandung.

Keywords: Processing value, Waterfall, SMS Gateway, Mysql, PHP.