

ABSTRACT

Selection of new students is the election activity of prospective learners to determine whether or not a prospective student becomes a student in the institution according to the applicable provisions. Therefore SMAN 1 Pringsewu held a selection of new students to select students in accordance with the vision of the school mission. However, from the results of this school interview is still doing the registration and selection of new students are still manually. Forms that are deployed and filled manually are then collected back to the officers manually. Therefore the solution provided is to create a web-based application that can help to manage the data collection of new students. This application is named Application Registration and Selection of New Learners Web-Based. This application has some features such as new students can do *online* selection and see the test results directly. In addition, the committee can manage student data, selection and data selection committee selection *online*. This application uses waterfall model and created using Codeigniter framework with PHP, MySQL, CSS, and HTML programming languages. With this application, it can be expected to help new students and committees in the process of selecting new students *online*.

Keywords: Selection of new students, Application, *Online*.