

ABSTRACT

Green school is an educational environment, where there is interaction between people who are members of an educational community. Class cleanest contest is one of the healthy school program. The competition was attended by all the classes regularly hosted each semester and aim to change the behavior of all citizens of the school, so the school community can carry out cleanliness wherever they are.

Currently for recording race hygiene ratings conducted by the record in the book. This can cause problems are the loss of data, data duplication and the exchanged data. In addition, the entire value of the processing performed by the division assessment is still calculated manually without using tools in the form of an application so that it can avoid mistakes and invalidity as well as the amount of the calculated value is more time consuming in its calculations. Another issue that arises is in making the assessment report daily, weekly assessment report generation and report the value of the final race hygiene classes still use Microsoft Word and reports are only transmitted orally by those responsible for the activities to the principal. This raises the issue of the risk of the exchanged data on late reports and accepted by the principal. In addition, the decision or the announcement of the winners of cleanliness class just published in the flag ceremony on Monday, so not all the parties know the results of the assessment.

Of these problems led to the idea to create a web-based application with the title Green School Web Based Application Module Cleanest Class Contest Case Study: Junior High School 13 Bandung. In making this application using the Waterfall method, the PHP programming language with CI framework, MySQL database and black box testing.

Keyword: Cleanest Class Contest, Waterfall , Green School, Application, Codeigniter.