

## **Abstract**

Primagama is a course whose main business process is affording teaching and studying activity between students and tentors. In preparation in facing test, specially national test, Primagama always conduct a try-out for knowing how far the ability of students to comprehending the material. It is not effective because if the students want to know their ability in comprehending the material, they have to depend on test schedule from Primagama. Furthermore, students are also having obstacle in requiring material and tests practices which had given by their tentors.

National test simulation application is a web based simulation application, and this application can be accessed in Primagama Buah Batu Bandung area by users. The users of this application are administrators, tentors, members, and guests. In addition to test simulations, this application also provides material and some test practices. Members can see their simulation score's gradation from chart. This application is made waterfall method and implemented by using PHP scripting and database used is MySQL.

The application can be used as a mean for test practices in facing national test for elementary school students. Furthermore, this application can also used for supporting tentor's activity in giving extra material and test practices for students.

**Keyword :** application, simulation, national test, Elementary School.