

## **ABSTRACT**

SMP Negeri 21 Bandung is a junior high school located in the city of Bandung precisely in Gang Lumbung II, Babakan Ciparay District. Student grade management application in SMP Negeri 21 Bandung is constrained in the effectiveness of the time in the value processing process and the lack of homeroom communication and parents of students in the notification of achievement of students. To deal with the problem, an application for processing the value of students is built. Student grade management application is a web-based application that is used to process student grades to produce students 'final grades and present information on children's achievement development to parents' guardian students. Methodology in working on this application using the Waterfall model. The programming language used to build this application in PHP, using the CI framework, and the database used is MySQL. With this application, it is expected to be able to facilitate the teacher in carrying out the value processing process and reduce the risk of loss of student data and present information on the development of children's achievements to parents of student guardians.

Keywords: Value Application, Education, Web