

## **ABSTRACT**

*In the development of the technological age it continues to develop in such a way as to make it easier for us to carry out an activity that is efficient and structured. Likewise with the selection of school entry education that every new school year in order to have the ability to predict entry into the intended school so that prospective new students who have qualifications in accordance with the terms and conditions for admission of new students in the intended school.*

*Every parent finds the best school for his child. However, in each school there must be some requirements to enter the school they want. However, there is no program application that can predict information. Created a system that is able to predict to make it easier for parents and prospective new students who want to enroll their children in the state junior high school in the city of Cimahi, so that parents can estimate by percentage what percentage of prospective students are accepted or not accepted, prospective students in the selection entered in the new registration of the State Middle School in the city of Cimahi.*

*In this Final Project, the author predicts using the Naive Bayes Classifier Method which will be applied to the application system on Android using Android Studio to make it easier for parents and students to access and get predictions of the school more easily by directly installing the software on a smartphone, can make its choices faster and more practical for the future to choose the right school.*

*Keywords: Naive Bayes Classifier, School Entry, Prediction, Middle School*