

ABSTRACT

The new school year is the most crowded moment in the world of education, especially in Indonesia because in the new school year every school receives new students. One of the goals of holding new students is to recruit new students who have qualifications in accordance with the terms and conditions for new students in the intended school.

At present the level of people's desire to go to school is increasing. Supported by the existence of a 9-year compulsory education that is free of charge makes every parent find the best school for his child. However, in each school there must be some requirements to enter the school that they want but important information cannot be predicted, for example as seen from the final score of the national exam and also from the distance of the home address of prospective students and commonly called zoning, the origin of school, and the path of achievement is a requirement for school entry in every junior high school in the city of Cimahi.

In this Final Project, the author proposes collecting data and predicting it using the Random Forest Method and applying the method to the Android system. The smartphone uses android studio to make it easier for parents and students to be able to access and get a prediction of the intended school entrance, by directly installing the device softwares on Smartphones, students and parents make their choices faster and more practical for the future to choose the right school.

Keyword: Prediction, Student Admission, Random Forest