

ABSTRACT

Majors of high school students is closely related to the world education. In curriculum 2013 decided the majors at class X. Determining majors in SMA Negeri 8 Bandung taking into account the value of students and student interests, but many students and parents who are not satisfied with the results of the majors. Therefore, needs to be made a technique to predict determination of majors that is with data mining. Selecting the method used based on several things. Classification method is a method that is suitable for use in the prediction system, while Naive Bayes for a simple and relatively fast computing time. The result of this final project is a data mining application to decide whether a student should take natural science or social science. This Final Project using PHP Programming language that is applied using CodeIgniter framework and MySQL as database.

Keywords: majors high school students, data mining, naïve bayes classification