ABSTRACT

*Majors of high school students is closely related to the world education. In curricullum 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