ABSTRACT

This final project is intended to predict students' interest at SMAN 8 Bandung *by using classification method with data mining, that's algorithms ID3. Based on Curricullum 2013, the interest of students at senior high school conducted in the second semester in the class X so that the data used to make predictions is data* 2014-2015 *among* 442 *data. The data attributes is national examination data, the average report and their academic potential. Weka with version 3.6.13 is a tool that is used to build the rule. Then, the rule that is formed is implemented in making application about predictions of students' interest at* SMAN 8 Bandung *based on web.*

Keyword : data mining, classification, weka, ID3