

ABSTRACT

Predict student to cum laude award is the first step that allows students who have the potential or ability more accepting coaching early in order to be able to follow a championship or competition in accordance with the ability of the student. Therefore it needs an application that can be used by the student to predict student who will graduate cum laude. Final project aims to implement the k-Nearest Neighbor classification for level one student data as the data and testing data history student who has passed the honors as data training. The preparation and application development using structured methods, consisting of dfd and erd. This web-based application using the php programming language and use the mysql database. The application is capable of generating the data students predicted graduation honors based on the value of K closest taken.

Keywords: Cum Laude, Classification, K-Nearest Neighbor