

ABSTRACT

The background of this project is the problems which frequently occurred on SMUN 1 Bandung student's data organizing for grading and majoring. At SMUN 1 Bandung data organizing was done manually. Scoring was also done one by one and thorough. On the other hand, data saving was done manually which require large space and searching student's information gone difficult.

A "Grade Promotion and Major Determiner Application for Students at SMUN 1 Bandung", which will be used to help staffs on determining student's grade and major application has been built in this Final Project. This application will make the information needed for administration and determining student's major and grade promotion easier to store and retrieve, thus, will improve accuracy and reduce error on determining student's grade promotion and major selection.

This application was built by using Object Oriented Analysis and Design-method. The implementation of this application was done using Pascal programming language with Delphi 7 as integrated development environment and MySQL as Object Oriented Programming Framework and MySQL as database management system. This application is expected to help staffs on determining student's grade promotion and major. This application is also expected to organize student's subject scores.

Keyword: Grading, Majoring, SMUN 1 Bandung, Object Oriented Method