**The Student Marking Application**

The purpose of this program:

This application is designed to read information from a database that contains student information such as their name and ID number as well as the courses they are taking and the grades they achieved on their course evaluations. For simplification of the grading scheme, I have set the weight of each assessments the same for all calculations across the courses. Of the four assignments, each is weighted at 5%, the midterm is weighted at 30% and the final is weighted at 50% of the student’s grade.

The program creates a list of possible courses based on the information imported from the database and provides details on the enrollment in each course as well has distribution of final grades and various grade statistics such as minimum, maximum, average, mode, and etc.

How to use it:

The excel file with the Student Marking Application has a sheet dedicated to display instructions on how to use the program. I have also included the instructions in the overview so the user can view the instructions while using the program.

Note: Ensure *registrar.mbd* file is downloaded prior to using application

Text

Description automatically generated

To begin using the program, select the “StudentMarking” ribbon indicated with the red box and click the “Student Marking” button indicated with the red arrow.

Graphical user interface, application, table, Excel

Description automatically generated

The output of this program:

This program creates a word document that contains a table of the grade statistics that have been calculated for the course and the chart that displays the final grade distribution.

Chart, bar chart

Description automatically generated