169027956

Paarth Bagga

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Student Marking Application Report

# **Application Purpose:**

The Student Marking Application’s purpose is to import information from a database including courses, grades, and students and then organize, and display data. It produces a chart on Excel and creates a report on word with relevant statistics and information relating to the imported information.

# **Application Use:**

To use the application, you must first press the corresponding button in the ribbon. Then a user form will prompt you with radio options as well as a continue button (Figure 1).

A screenshot of a computer

Description automatically generated  
*Figure 1: Screenshot of user form emphasizing continue button.*

First you must import the data base before being able to check course enrollment or create a report. Then after the data is imported, you must select one of the courses in the textbook on the right side (Figure 2.).

A screenshot of a computer

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*Figure 2: Arrow showing where to select courses.*

If you click course enrollment, the application will create a new worksheet with the name of the course as well as its enrollment information including students first names, last names, IDs, and their grades including their final grade (Figure 3).

A screenshot of a table

Description automatically generated

*Figure 3: Depiction of how information should look on worksheet.*

The application also creates a histogram of the student’s final grades including statistics such as min, max, average, mode, median and class standard deviation for the course.

The user is then able to create a doc report containing statistics like min, max etc. Along with the histogram. However, the course enrollment option must have been selected for the course in order to generate a report for it.