FYP Grading Report Generator User Manual

> (i) This application takes Excel files containing students' final year project(FYP) grades as input and produces a well-formatted PDF containing students' grades as output. It has an additional feature: combining the imported Excel files into one Excel file.

Software Name: FYP Grading Report Generator
Software Version: 1.0

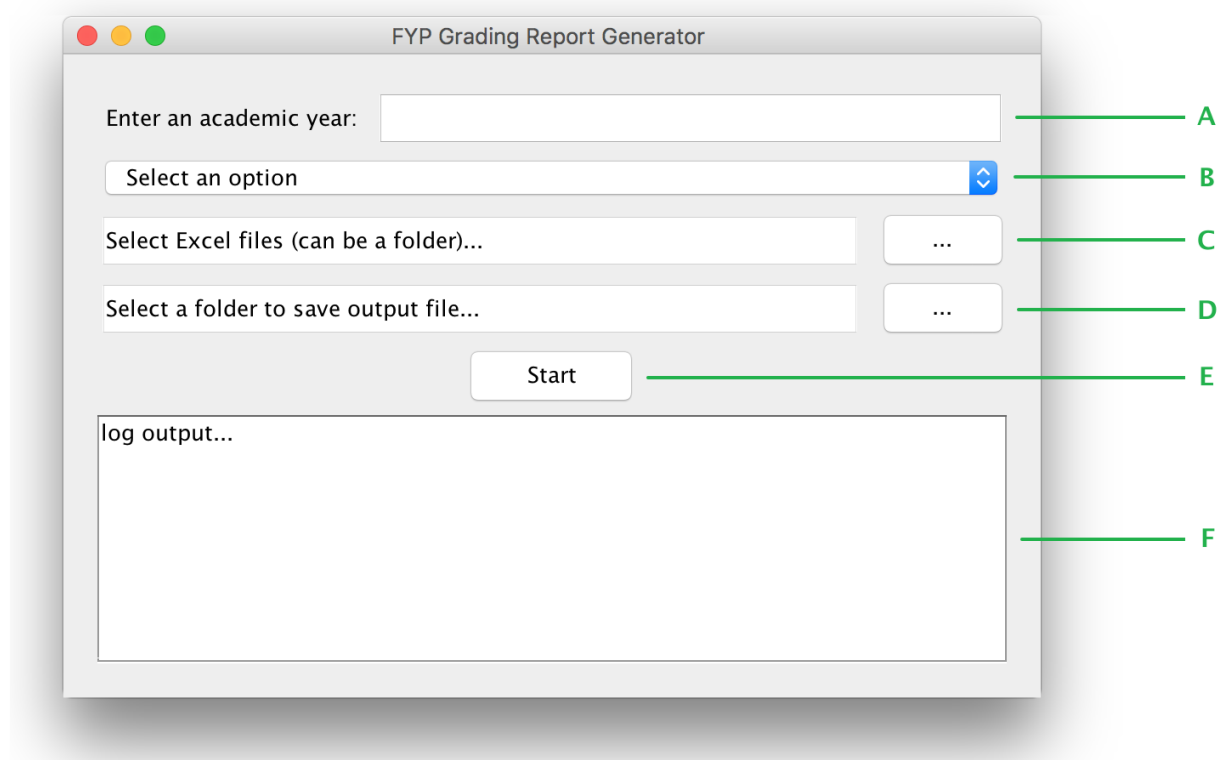**Technical Information:** Java, Java Swing, Desktop Application

System Requirements: Java installed and at least 1.8 or later

> Use the command in the console to check your Java version: *java -version*

Startup Guide

1. **Open the console and go to the folder of FYP_Grading_Report_Generator.jar**
   - Use the **cd** command to go to the path: ***cd folder/of/jar/***
2. **Execute the command: *java -jar FYP_Grading_Report_Generator.jar***

Operation Guide

The User Interface

The user interface is built with Java Swing widget toolkit, each component is described below.

A: Academic year

The academic year is used in the title in the generated PDF. The title is formed as "MU Computer Science FYP Grading Report academic year". You can enter a number or a string, such as "2022" or "2022-2023".

B: The generated options

The options include "Generate FYP Grading Report PDF" or "Combine excel files into one". "Generate FYP Grading Report PDF" is for generating the final year project grading

report PDF, while "Combine Excel files into one" is for exporting an Excel file that combines the imported Excel files(imported Excel files are selected in section **C**).

C: Select Excel files to import

Click the button on the right to select the Excel files you want to import. You can select multiple Excel files at once or select a folder. When selecting a folder, all the Excel files in the folder will be imported.

D: Select a folder to save the output file

Click the button on the right to specify the folder in which to save the output file.

E: The Start button

Click the button to start the program.

F: The logging pane

The logging pane displays the business processes and system errors(if there are).