**Application Description**

This is a Java application built using IntelliJ. Other IDE’s should be able to run this application but you will need to install Java FX.

<https://openjfx.io/>

When setting up the project build, you will need to add this command to the VM settings

--module-path "\path\to\javafx-sdk-20\lib" --add-modules javafx.controls,javafx.fxml

The application will ask for you to select a text file from a specific location or will allow you to use the default file stored within the app. Once prompted it will count through all the words in the file and output the top 20 words and their frequency.

**Breakdown**

Java/com.example.javafxproject/ProjectFileReader – has the logic for reading through the text file and returns a string containing the data ready to be output.

Java/com.example.javafxproject/WordCountApplicaiton – contains the Main method and launches the GUI with predefined settings

Java/com.example.javafxproject/WordCountController – controls the logic used when actions are taken within the gui.

Resources /wordcounter-view – contains visual xml markup of GUI

