**Overview**

This program will take in a text document and display the number of words and how many times each word is displayed in the text. This program will use a GUI to accomplish this. The user will be able to select which .txt file they want to have analyzed. The program will use a hash map to keep track of each word and its frequency. This program will ignore punctuation and case.

**Design**

The GUI class will be the driver class. It’ll allow the user to select a file from their system. After the user has selected text file that they want to have analyzed, it’ll send that file to the ReadCount class. The ReadCount class will go through the file and each time it sees a word, it’ll add it to a HashMap. Once it’s done, the main class will retrieve a String version of the HashMap and display it on the GUI.

C:\Users\Greg\Downloads\Project1.png

**Change Log**