Alexis & Fischer SRS

1. The system shall display an error if the input file has a format that cannot be read.
2. The system shall ask you to input a file.
3. The system shall give you an error if the file doesn’t exist.
4. The system shall display an error if the input file fails to open but does exist.
5. The system shall read .txt and .csv files.
6. The system shall have a GUI
7. The system shall have a quit button for the GUI
8. The system shall recognize what arithmetic to perform based off the command portion of the instruction
9. The system shall display the accumulator in the GUI after running all given instructions.
10. The system shall do the following arithmetic addition, subtraction, multiplication, and division.
11. The system shall be able to read information from a file specified from input.
12. The system shall not crash if you don’t click on the buttons or input box
13. The system GUI shall have a place for the user to enter non-file commands.
14. The GUI input shall be able to accept an absolute path. I.e. home/desktop/test.txt.
15. The system shall be able to store information in an accumulator.

Non-Functional Requirements

1. The GUI shall have a color theme based on your computer's default theme. If your computer defaults to light mode the GUI will be in light mode, if it defaults to dark it will be dark themed.
2. The system shall have a colors scheme that is consistent throughout the whole product.
3. The system shall have a README that explains the use of, and libraries in, the system