Alexis Perez

CS-2450

SRS

1. *The system shall ask you to input a file.*
2. The system shall give you an error if the file doesn’t exist.
3. The system shall have an accumulator – throwaway
4. The system shall read .txt and .csv files.
5. The system shall be able to complete addition
6. The system shall be able to complete subtraction
7. The system shall be able to complete multiplication
8. The system shall be able to complete division
9. The system shall have a GUI
10. The system shall have a quit button for the gui
11. The system shall recognize addition, subtraction, multiplication, and division to perform based on the input.
12. The system shall be able to return the value of the accumulator
13. The system shall output results into the gui
14. 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.
15. The system shall be able stop execution based on a command input in your file.
16. The system shall have a readme.txt with details about libraries you will need to install.
17. The system shall have any warnings about potential bugs with the gui that come from the library.
18. The program shall not crash if you don’t click on the buttons or input box.