# **Software Requirement Specification Document** Group Project Milestone 3

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6/13/24

Functional

1. The system shall have an output window for the “write” opcode.
2. The system shall have an input window for the “read” opcode.
3. The system shall enable the user to select a file to load from.
4. The system shall enable the user to run the program.
5. The system shall run on file selected.
6. The system shall save current files.
7. The system shall have preset inputs for commands.
8. The system shall prompt the user on completion.
9. The system shall prompt the user when needing an input.
10. The system shall have a toggle for positive or negative inputs.
11. The system shall have an option to output which line of commands it is currently pointing to in a window.
12. The system shall have an option to output the two previous, the current and the next two memory location in a window
13. The system shall save user settings for next time the user boots up the program
14. The system shall highlight in the memory location window words that are not valid commands
15. The system shall have an option to step through memory locations.

Non-Functional

1. The system shall have less than 5 windows on screen.
2. The system shall finish all non-user prompts within 2 sec.
3. The system shall use dark colors.