1. The system must provide a space for the user to input BasicML instructions.	Functional
2. The system must provide an accumulator which will act as a register that holds a value.	Functional
3. The system must provide a memory space with 100 locations.	Functional
4. The user must be able to use a keyboard to input data into and operate the system.	Non-functional
5. The user should be able to perform simple math operations on the value in the accumulator with the value in a specific memory location.	Functional
6. The user should be able to signal to the system in some way to stop writing the program.	Functional
7. The system should be able to prompt the user for an integer to read into memory.	Functional
8. The user should be able to store an integer in a memory location	Functional
9. The user should be able to store a BasicML instruction in a memory location.	Functional
10. The system should allow the user to store a word from the accumulator into memory.	Functional
11. The system should print out the memory dump after execution of the program	Non-functional
12. The system could provide a brief header to introduce the basics of the system to the user	Non-functional
13. The system should execute the user program immediately after it is written to completion.	Non-functional

14. The user should be able to input their BasicML instruction with a leading + or - symbol.	Non-functional
15. The user should be able to see what is in memory.	Non-functional