

List 1

Functional/Non	Description
Non-Functional	Tutorial for new users
Non-Functional	Error indication for users
Functional	A menu (with/without) sounds
Functional	User-Friendly GUI
Functional	Don't terminate Simulator when execution finishes
Non-Functional	Before execution, display potential runtime errors
Non-Functional	More arithmetic instructions
Functional	System will not accept invalid words in Editing Mode
Non-Functional	Saving/Loading user programs
Non-Functional	Possible connection to schooling services like canvas for direct connection to grading for teachers
Non-Functional	Display message when arithmetic results in invalid answers
Non-Functional	Progress bar while executing program
Non-Functional	Exporting data into different formats for sharing
Functional	Prompt user for input when "Read" instruction is executed

Red = don't implement

Blue = Implement

Blank = meh