**Non-functional Requirements**

1.       Users should be able to easily edit and save programs.

2.       UVSim should run on any windows 10 system as an independent 32-bit software.

3.       Operation of system should be intuitive and easy to understand.

1. The system should be abstracted enough that the user does not have to worry about modifying the program itself.
2. The user should understand how to use the program without too much effort.
3. The GUI should look nicer with different colors than the defaults.

1. the layout of the GUI should be intuitive to use
2. errors given to the user should be understandable and specific
3. the program should correctly handle any inputs it is given

1.       Program window should be more aesthetically attractive (add some color, shapes, etc.)

2.       Portability of program (runs without visual studio).

3.       Program should be able to be installed on PC and be able to run easily by just double clicking on program icon for example.

**Non functional requirements - final**

1. The user should understand how to use the GUI without too much effort.
2. Program window should be more aesthetically attractive (add some color, shapes, etc.)
3. UVSim should run on any windows 10 system as an independent 32-bit software. Program should be portable.