**4. External Interface Requirements**

**4.1 User Interfaces**

The program will have the interactive menu for the users to access the functions of the program. They will have to log in first before accessing and selecting the user type to log in. After logging in, the user can select the functions from the options shown. If the user attempts to log in unsuccessfully for three times, a pop out dialogue appears and inform the user that his account is locked. Therefore, the program has a management system for the user accounts for situation where an account is locked. The administrator will need to log to the system to unlock the respective account. There will be an option in the menu for the user to log out to exit the program.

**4.2 Hardware Interfaces**

No interaction with other hardware interfaces except the computer itself.

**4.3 Software Interfaces**

Notepad is used to store the data in the program.

**4.4 Communications Interfaces**

No communication interfaces are needed as the program runs locally without accessing the internet.