**Requirements**

**Functionalities provided in bus reservation system:**

The functional requirements of the project for efficient use are as follows:

* Login: Login system is used to provide a safe passage for customers to enter

the system. As data base management system is not used, a standard

username and password is used.

* View bus list: This provides the entire list of buses in the system. The list of buses can be increased or decreased to meet the demand.
* Book Tickets: It is used to book tickets. This function needs the customer to enter the number of passenger and the name and the seat number.
* Cancel Tickets: The user can cancel the booked tickets. But this feature is available only before the user exits the application. This cannot be availed if the user exits the application by mistake.
* Bus Status: This provides the current status on availability of seats in any bus at the given point of time.
* Log out: This is used to exit the application.

**Software Requirements**:

* Operating System- Windows.
* IDE: Code Blocks version 20.03.
* Compiler: GNU GCC Compiler.
* Programming Language: C.