**4-Test Plan and Test cases**

**Test Plan:**

The test plan describes the scope of testing and activities. It is the basis for testing any software or products. Test plan is a document detailing the objectives and process for a specific test for a software product.

1. To check if user can login successfully.
2. To check if user can login, if the credentials are wrong.
3. To verify if all the options are available.
4. To verify if all the options can be accessed.
5. To verify if the application exit properly.

**Test Cases:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL NO.** | **Test** | **Steps** | **Data** | **Expected Result** |
| 1 | Login details-1 | Enter user name and password | Username is 1 and password is 1 | Login successful |
| 2 | Login details-2 | Enter user name and password | Username is 23 and password is 34 | Login unsuccessful |
| 3 | Login details  (4th attempt) | Enter user name and password | Username is 23 and password is 34 | Cannot access application |
| 4 | Bus list | Enter the option. | Enter 1. | Lists the entire list of bus. |
| 5 | Booking tickets | Enter the option | Enter 2. | Should enter the number of tickets booked, Name and the seat number. |
| 6 | Cancelling tickets | Enter the option | Enter 3. | The seat number must be entered |
| 7 | Check the status of availability of seats | Enter the option | Enter 4. | Should check if the cancelled ticket is available for booking |
| 8 | Check booking tickets for all buses | Enter the option | Enter 1 | Must be able to book tickets for all buses. |
| 9 | Logout | Enter the option | Enter 5 | The application must exit and “thank you for booking” must be displayed. |