|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | Login to user account | |
| **Purpose** | | The purpose of this use case is to verify the credentials after the user enters his details and system logs him in. | |
| **Priority** | | High | |
| **Actors** | | Account Owner/User/Traveller | |
| **Pre-Conditions** | | User must have the app installed in his device.  App should be updated to latest version.  User should have a stable working internet connection. | |
| **Post-Conditions** | | User is allowed to have full access of the features of the app by the System. | |
| **Typical Course of Action** | | | |
| **Sr#** | **Actor Action** | | **System Response** |
| **1** | User enters valid credentials and taps the login button | |  |
| **2** |  | | System displays an in-progress message |
| **3** |  | | System checks with the database and verifies the credentials. |
| **4** |  | | System loads user profile and logs him in the application and it displays the home page to the user. |
| **Alternate Course of Action** | | | |
| **Sr#** | **Actor Action** | | **System Response** |
| **1** | User enters invalid credentials in the system. | |  |
| **2** |  | | System loads and displays an error message after verifying with database. |
| **3** |  | | System asks the user to try again or rather try to reset the password in case he forgot. |
|  | | | |

**Login**

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | Book Ticket | |
| **Purpose** | | to ensure that passengers can successfully book tickets through the railway station software after they have been successfully logged in. | |
| **Priority** | | High | |
| **Actors** | | Traveller | |
| **Pre-Conditions** | | The software is installed and accessible.  User is logged in his account.  Train schedules are loaded into the system. | |
| **Post-Conditions** | | The payment should be processed thoroughly. | |
| **Typical Course of Action** | | | |
| **Sr#** | **Actor Action** | | **System Response** |
| **1** | User searches for train schedule according to route and date. | |  |
| **2** |  | | System displays an in-progress message. |
| **3** |  | | System loads up the train schedule based on the provided details. |
| **4** | User selects from options based on suitable timing and taps the book button | |  |
| **5** |  | | System checks for availability of seats and display all the seats not yet assigned. |
| **6** | User selects the number and location of seats and taps on book button | |  |
| **7** |  | | System shows the final price of the tickets and the ticket gets book after system prompts the user to complete the payment process. |
| **Alternate Course of Action** | | | |
| **Sr#** | **Actor Action** | | **System Response** |
| **1** | User is not logged in before booking the ticket | |  |
| **2** | User tries to book a seat already been booked | |  |
| **3** | User enters a date that is not valid | |  |
|  |  | | System shows train schedule and the no train is available on this particular route or date |
|  | | | |

**Book Ticket**