**PRCS252 Computer Science Integrating Project**

**Functional requirements for Mobile client — Group J**



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| --- | --- | --- | --- | --- |
| **Statement** | **Input** | **Output** | **Comments** | **Priority** |
| Allow the users to search a journey | departing station, arrival station, date, type of ticket | List of available journeys | Ticket types: single, return, open return. | High |
| Buy tickets | Journey | Confirmation message |  | High |
| Show active journeys |  | List of active journeys |  | High |
| Associate a reference code to every purchased journey. | Journey |  |  | High |
| Login by using the user’s information | Username and password | Confirmation message | Redirects to home screen | High |
| Cancel a specific ticket. | Ticket | Confirmation message |  | Mid |
| Save/add payment details to the user’s account. | Payment details (card number, expiration date, name on card), Billing address | Confirmation message |  | Mid |
| Add to basket | Specific journey | Confirmation message | “Journey added to basket!” | Mid |
| Sign out |  | Confirmation message | Redirects to home screen | Mid |
| Pick number of passengers | Number of passengers | Journeys with lesser number of passengers |  | Low |
| Star a specific journey. | Journey | Confirmation message |  | Low |
| Show the bookmarked journeys. |  | List of bookmarked journeys |  | Low |
| Show expired journeys |  | List of expired journeys |  | Low |
| Request the user’s account termination. | Request | Confirmation message |  | Low |
| An offline mode to display the tickets. |  | Pop-up message |  | Low |
| Remove from basket | Specific journey | Confirmation message | “Journey removed from basket” | Low |
| Help & FAQS section |  | List of FAQS | Tips on how to use the app appropriately, contact details etc. | Low |
| Checkout as a guest | Billing information | Confirmation message | Shows this option at the checkout | Low |

