User Manual - Airline Management System

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Overview

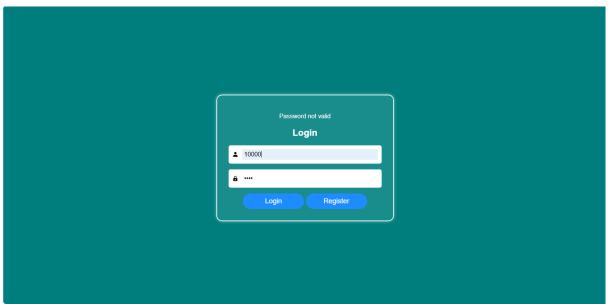
The **Airline Management System (AMS)** is a comprehensive platform designed to streamline airline operations for both administrators and customers. The system facilitates the management of carriers, flights, and customer bookings while ensuring a seamless user experience. The AMS allows **administrators** to oversee airline operations, including carrier and flight management, while enabling **customers** to search for flights, book tickets, and manage their reservations efficiently.

Login



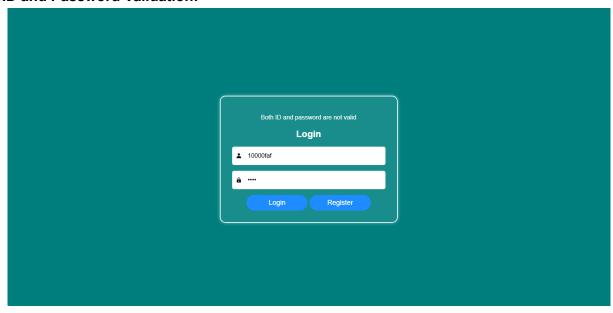
The above Login Page allows Administrators and Customers to securely access the Airline Management System (AMS) using their User ID and Password. It includes a Login Button for authentication, a Register Button for new users, and an optional Forgot Password link. Admins are redirected to manage flights and bookings, while customers can search flights, book tickets, and view transaction history

Password Validation:



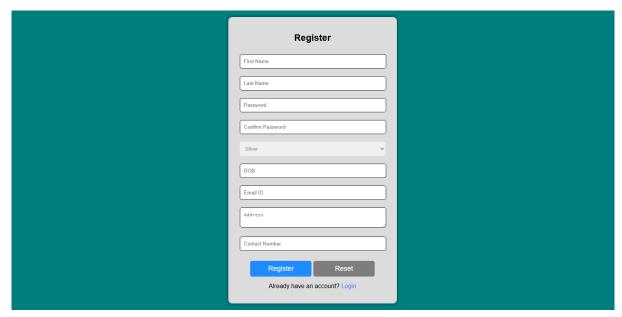
The above page describes the entered password is not valid and it authenticates that the credentials are matched accurately or not to login to the website.

ID and Password Validation:



The above page describes the entered ID and password both as not valid and it authenticates that both the credentials are matched accurately or not to login to the website.

Registration



The above is the registration page that provides the user to be able to enter the various fields of information for registering to the website. The Register button enables registering and Reset button enables for resetting the data again.

Registration Page with User Sample Data:

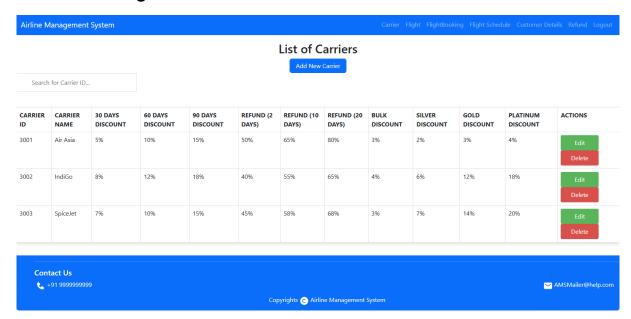
Register
Jhonny
Naman
Silver
26 - 94 - 2002
john@gmail.com
Banglore
9876543210
Register Reset
Already have an account? Login

The above page provides the sample data for registration of the user with respect to the required information.

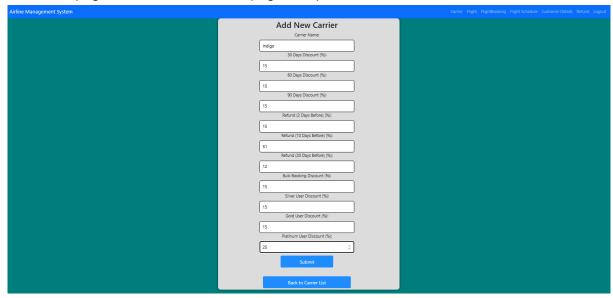


The above page provides the acknowledgement for the user that the registration is successful. The page will redirect to the login page after 5 seconds if it is not redirected the link is provided for the login page.

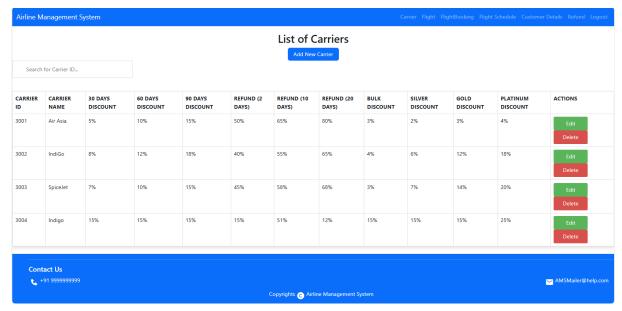
Carrier Management



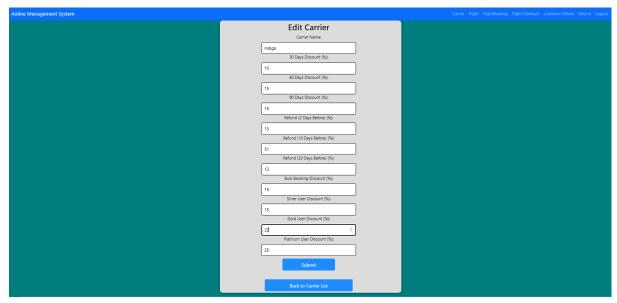
The above page is the List of Carriers page that provides the available Carriers.



The above page is for adding the New Carrier with necessary information then a submit button is provided for submitting. The Back to Carrier List will take to the Carrier List page.

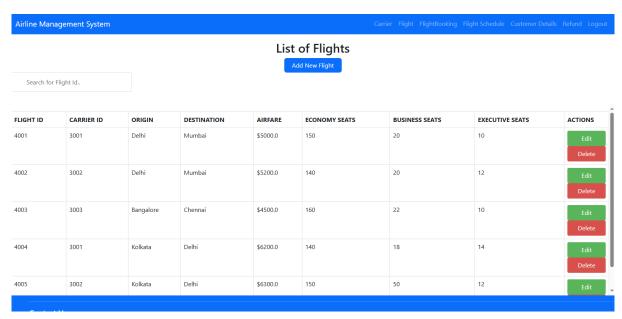


The above page provides the updated list of carriers after adding the new carrier.



The above page describes the Editing the Carrier details.

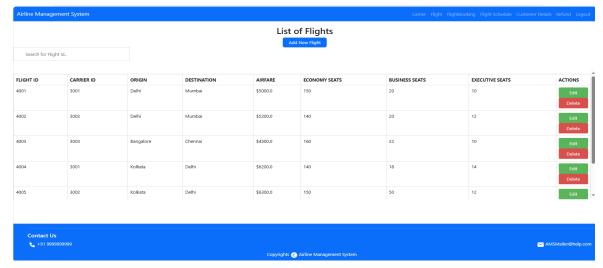
Flight Management



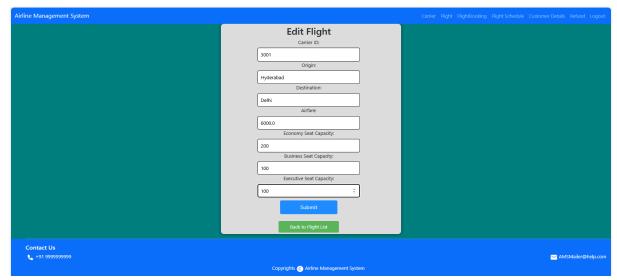
The above page provides the information of a list of flights available.



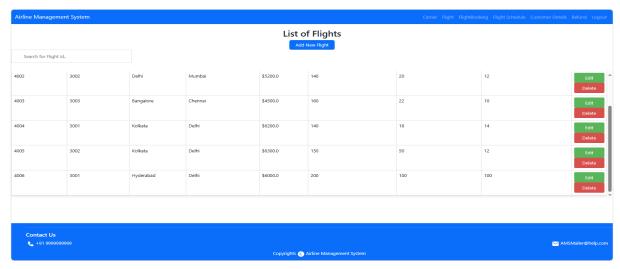
The above page demonstrates the Adding the new flight.



The above page demonstrates the updated list of flights after adding the new flight.

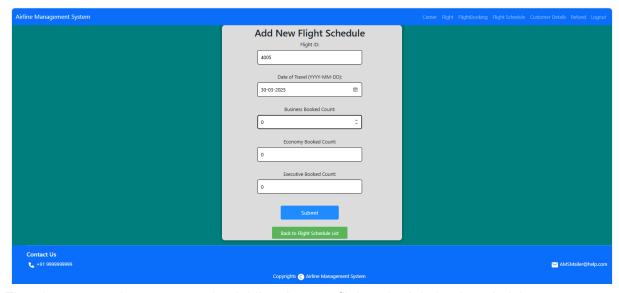


The above page demonstrates the Editing of the flight details based on appropriate information.

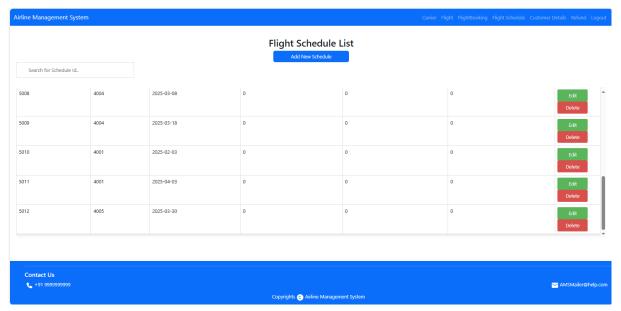


The above page is the updated list of flights after editing the flight information.

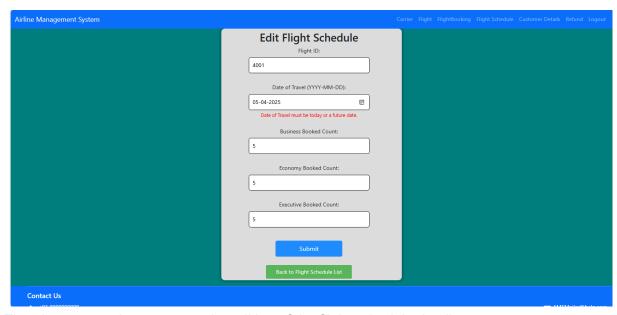
Flight Schedule Management



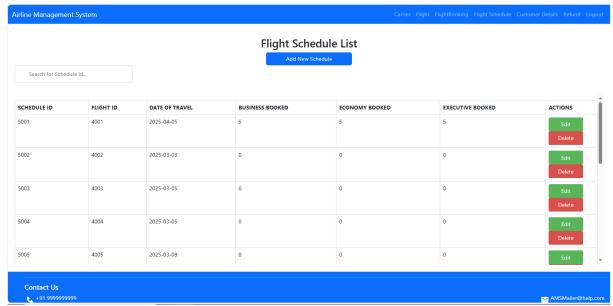
The above page demonstrates the Adding the new flight schedule by the administrator.



The above page demonstrates the updated flight schedule list after adding the new flight schedule.

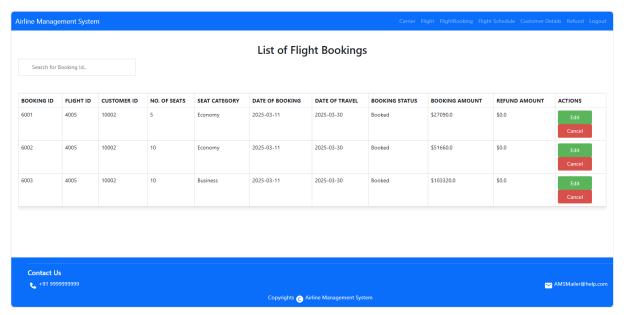


The above page demonstrates the editing of the flight schedule details.

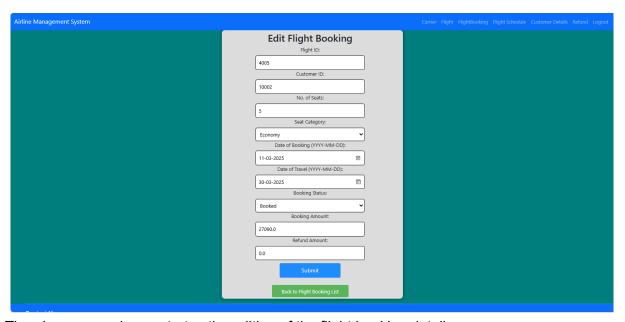


The above page demonstrates the updated flight schedule list after editing the flight schedule.

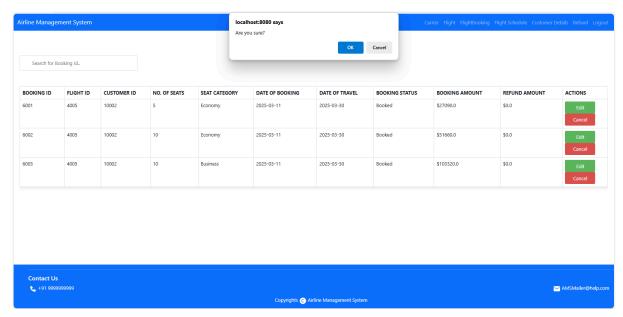
Flight Booking Management



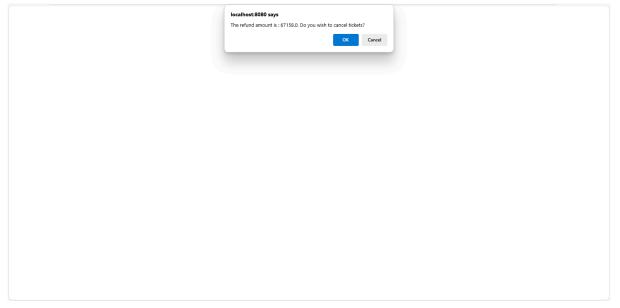
The above page provides the available list of flight bookings.



The above page demonstrates the editing of the flight booking details.



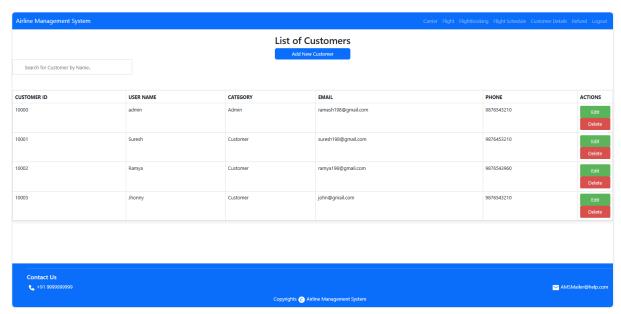
The above page demonstrates the deleting of the flight booking by the administrator and it also displays the alert message for deleting the flight booking.



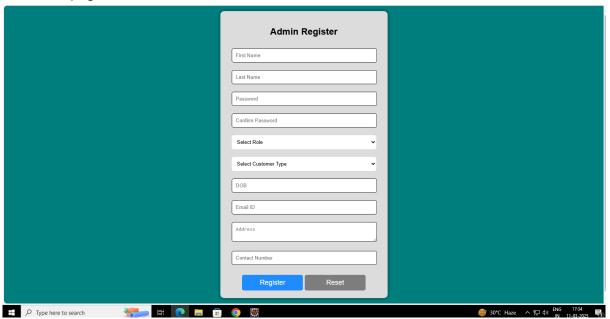
The above page demonstrates the refund amount while cancelling the tickets by the alert message.

The above page demonstrates that the Ticket cancelled and refund amount initiated successfully.

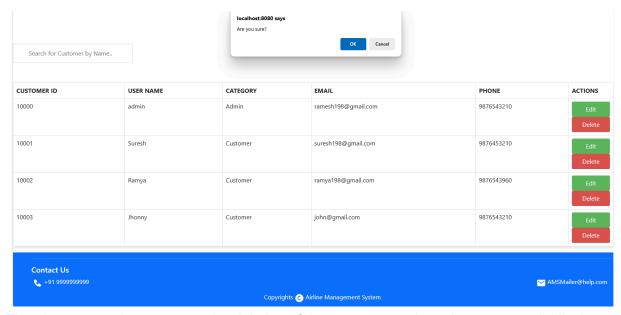
User Management



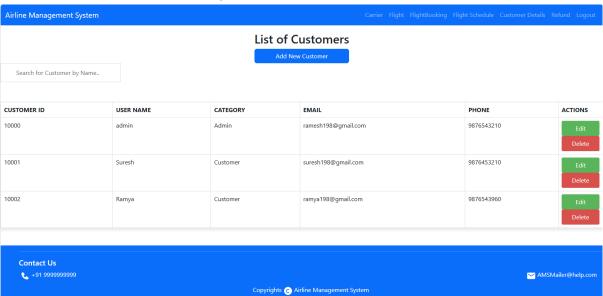
The above page demonstrates the available list of customers on the website.



The above is the Registration page for the administrator registering.

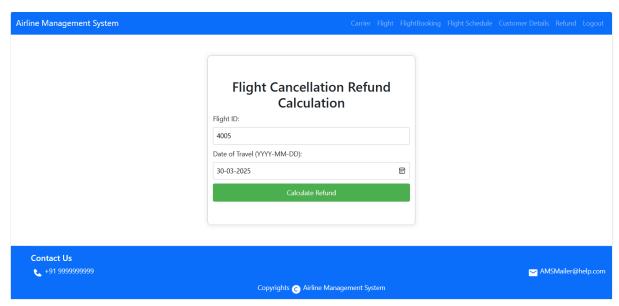


The above page demonstrates the deletion of the customer and an alert message is displayed for the administrator before deleting the customer details.



The above page is the updated list of customers after removing the customers.

Refund

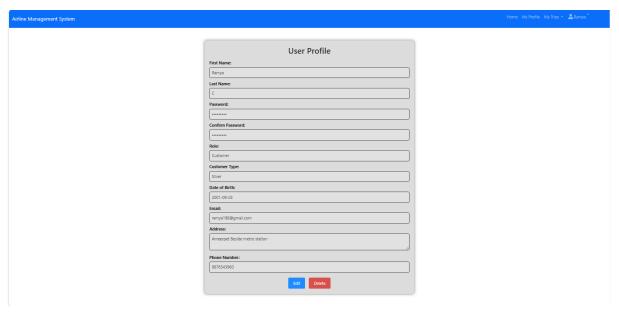


The above page demonstrates the flight cancellation refund calculation for the given flight ID and Date of Travel by the administrator.



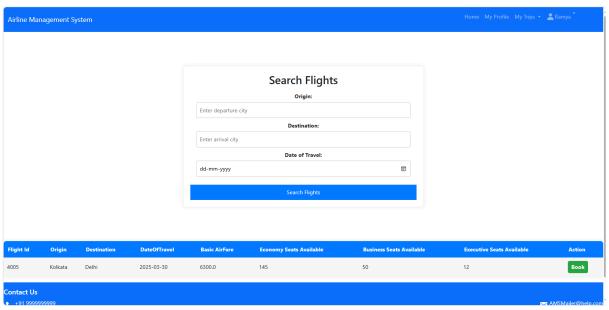
The above page demonstrates the refund calculation result for the given flight ID and Date of Travel with all necessary information regarding the Flight cancellation.

Customer Profile

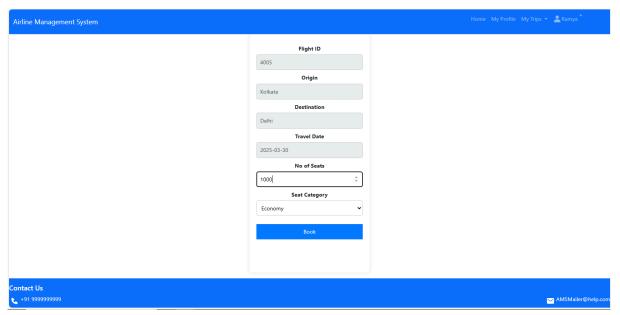


The above page is the customer profile which is viewed by the user. There are edit and delete buttons for editing the customer profile and deleting the customer profile.

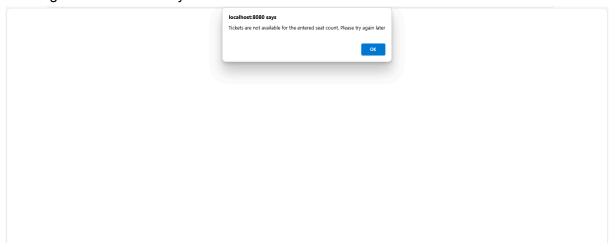
Ticket Booking



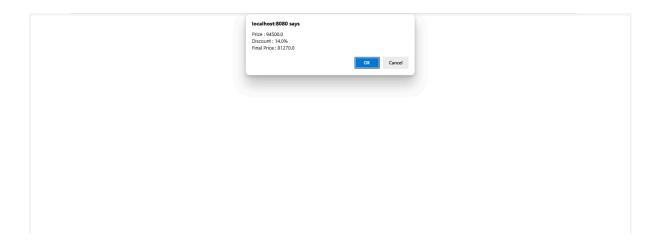
The above page demonstrates the searching for the flights for any origin to destination based on date of travel.



The above page demonstrates that the number of seats are entered more than available and checking for the functionality to check validation of the number of seats available.

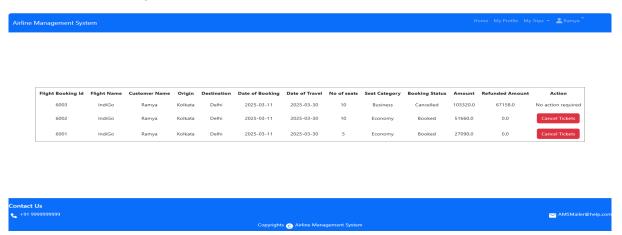


The above page demonstrates that the alert message is displayed for the user that the tickets are not available for the entered seat count.



The above page demonstrates that the price, discount, final price after the available number of seats are entered accurately within the available range.

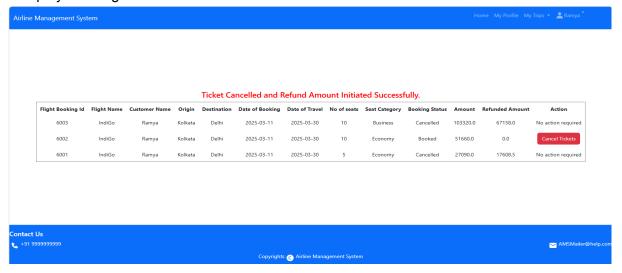
Cancel Bookings



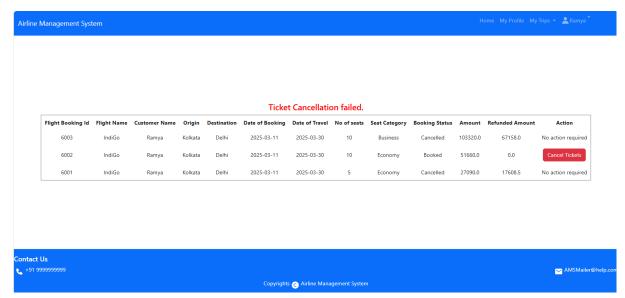
The above page demonstrates the view of bookings that are available for that customer.



The above page demonstrates the user clicks on cancel ticket and the confirmation message is displayed along with a refund amount for the user to confirm the cancellation of ticket.



The above page demonstrates that the user confirms then ticket cancelled and refund amount initiated successfully.



The above page demonstrates that the user does not confirm to cancel the ticket and the appropriate message is displayed.

My Trips

Upcoming Trips



The above page demonstrates the user upcoming trips.

Cancelled Trips



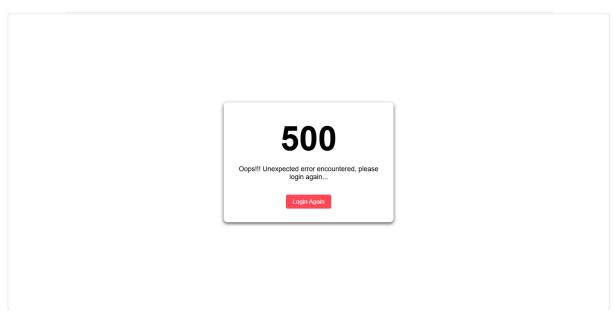
The above page demonstrates the user upcoming trips.

Completed Trips



The above page demonstrates the user completed trips. There is no completed trips so, it shows no trips are completed yet.

Error Pages



The above page demonstrates the runtime exception and it is displayed to login again.



The above page demonstrates the invalid url and it shows that the page not found is displayed to login again.