

# **USER MANUAL**

## **Urban Mobility Management System**

**SEMESTER October 2024 - February 2025**

**GROUP: CDCS2534B**

**PREPARED BY:**

***HAZIQ AMANI BIN REDZUAN (2024974539)***

***MUHAMMAD FIKRI BIN MOHD FAUZI (2024907919)***

***ADHAM BIN NAZRI (2024907735)***

***MUHAMMAD IZZ IRFAN BIN AZLAN (2024545351)***

**PREPARED FOR:**

***SIR MUHAMMAD RIDHWAN MOHAMAD RAZALI***

# Table of Contents

<b>1.0 Introduction .....</b>	<b>3</b>
<b>2.0 Admin.....</b>	<b>4</b>
2.1 Admin Login Page.....	4
2.2 Admin Dashboard .....	4
2.3 Add Vehicle .....	5
2.4 Edit Route .....	5
2.5 Edit User .....	6
2.6 Manage Bookings.....	7
<b>3.0 Customer .....</b>	<b>8</b>
3.1 Customer Register Page .....	8
3.2 Customer Login Page.....	9
3.3 Homepage .....	9
3.4 Booking Form.....	10
3.5 Submit Booking .....	10
3.6 Receipt.....	11
3.7 Booking History .....	11
3.8 Edit Profile .....	12

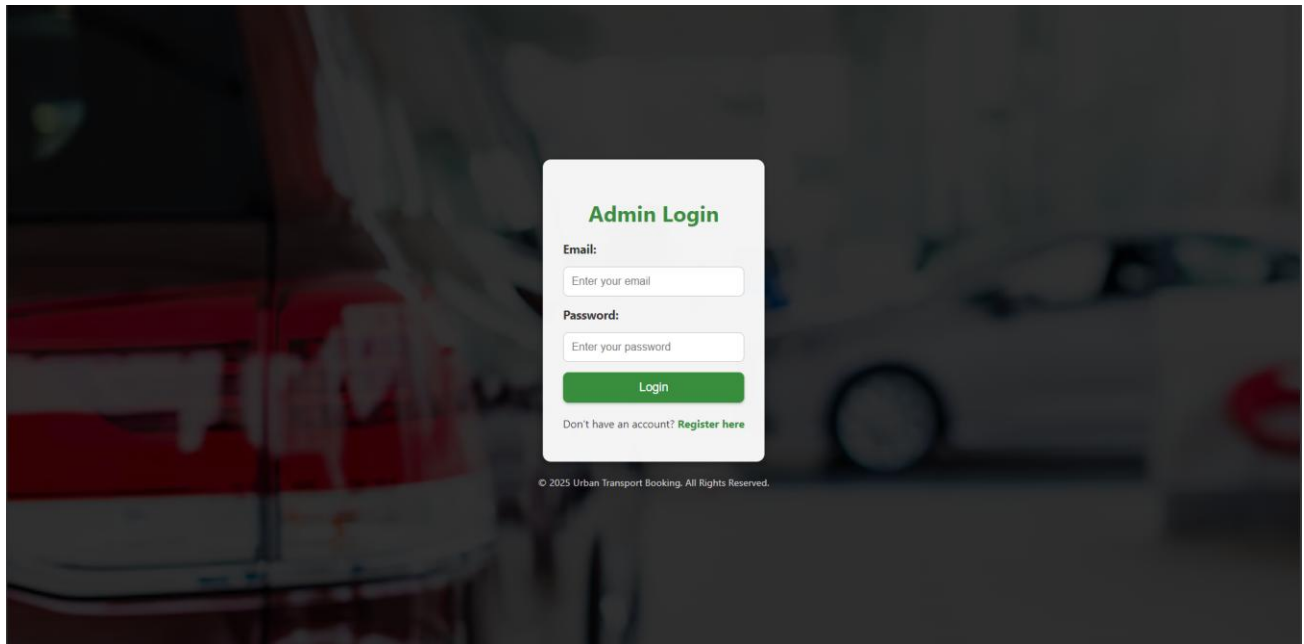
## 1.0 Introduction

With the increasing demand for efficient urban transportation, digital platforms have become essential for streamlining ride booking and management. The Urban Transport Booking System is a web-based application designed to provide a hassle-free solution for city-wide travel by enabling users to book rides conveniently.

This system is built using Java EE, Servlets, and JSP, ensuring a scalable and reliable web application. It allows users to register, log in, and access real-time information about available vehicles along with their respective trip charges. The platform offers an intuitive interface where users can choose from different transportation options, such as cars, motorcycles, and vans.

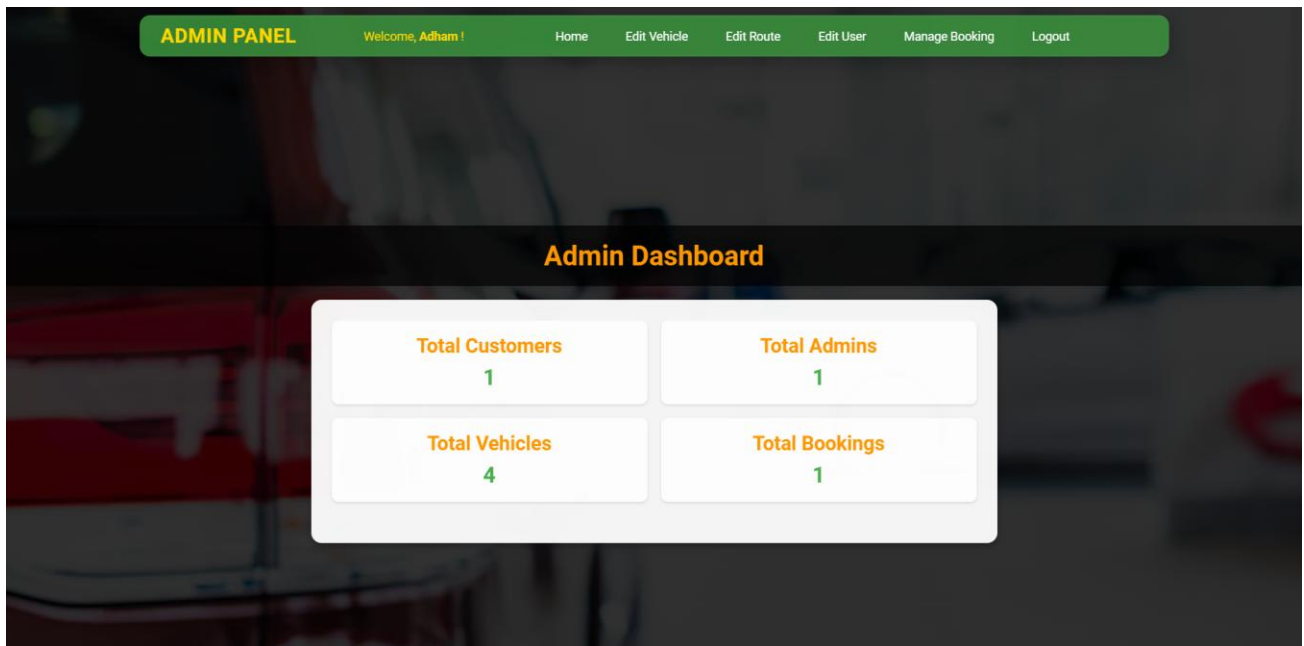
By utilizing Java EE technologies, the system delivers secure session handling, dynamic content generation, and seamless interaction between the user interface and the server. This project aims to improve urban mobility by providing an organized and user-friendly digital ride-booking solution, making transportation more accessible and efficient for daily commuters.

## 2.0 Admin



2.1 Admin Login Page

Insert the admin credentials to gain access into the system.



2.2 Admin Dashboard

After logging into the system, it will redirect the admin to the dashboard. On the top of the page, there is a navigation bar to *Home*, *Edit Vehicle*, *Edit Route*, *Edit User*, *Manage Booking* and *Logout*. At the middle of the page, admin can see the total of customers, admins, bookings and available vehicles.

**ADMIN PANEL** Welcome, Adham! Home Edit Vehicle Edit Route Edit User Manage Booking Logout

### Edit Transportation Data

#### Add New Vehicle

Vehicle Type:

Vehicle Charge Per(KM):

Add Vehicle

#### Existing Vehicles

ID	Type	Charge	Actions
1	Car (4 seater)	2.0	<a href="#">Edit</a> <a href="#">delete</a>
10	Motorcycle	1.0	<a href="#">Edit</a> <a href="#">delete</a>
11	Van	7.0	<a href="#">Edit</a> <a href="#">delete</a>

### 2.3 Add Vehicle

If the admin clicks on the *Edit Vehicle*, it will redirect to the *Edit Transportation Data* section where admin can add, edit and delete vehicle services for the customers. Here the admin can fill in the details of the vehicles to be added.

**ADMIN PANEL** Welcome, Adham! Home Edit Vehicle Edit Route Edit User Manage Booking Logout

### Manage Route Map

#### Add New Route

From :

To :

Distance (km):

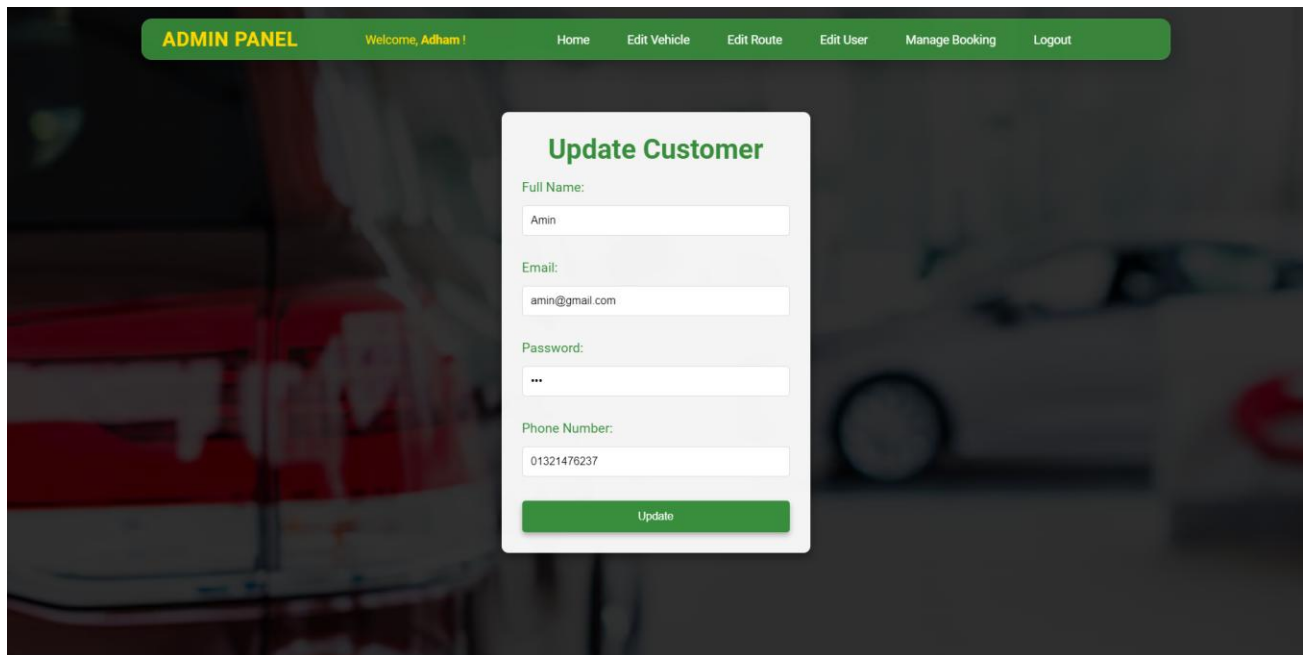
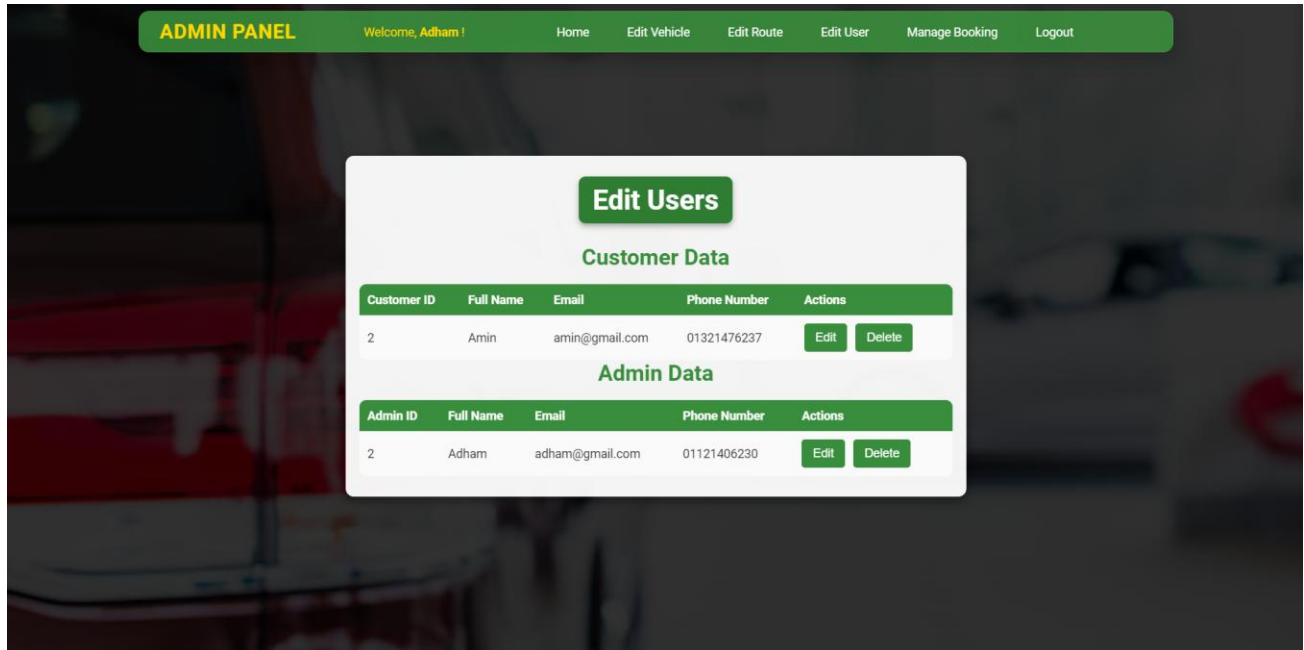
Add Route

#### Existing Routes

FROM	TO	DISTANCE (KM)	ACTIONS
UiTM Shah Alam	Aeon Shah Alam	8.9	Place A: <input type="text" value="UiTM Shah Alam"/> <a href="#">Delete</a> Place B: <input type="text" value="Aeon Shah Alam"/> Distance (km): <input type="text" value="8.9"/> <a href="#">Update</a>

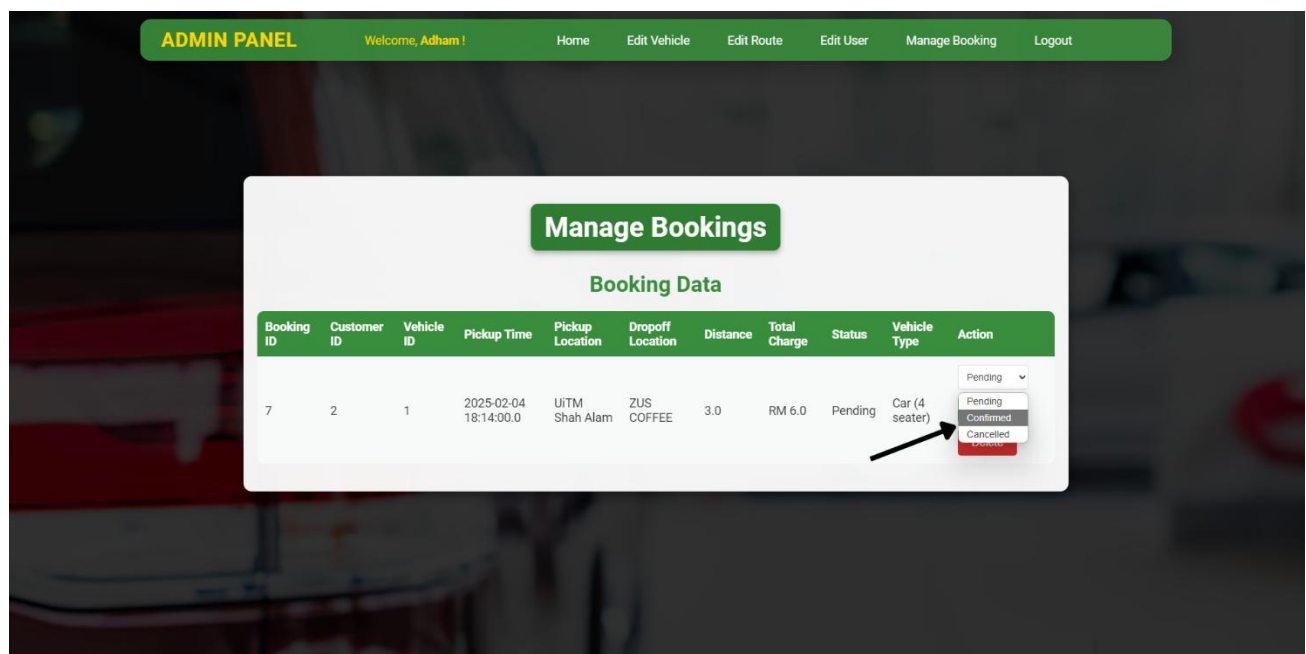
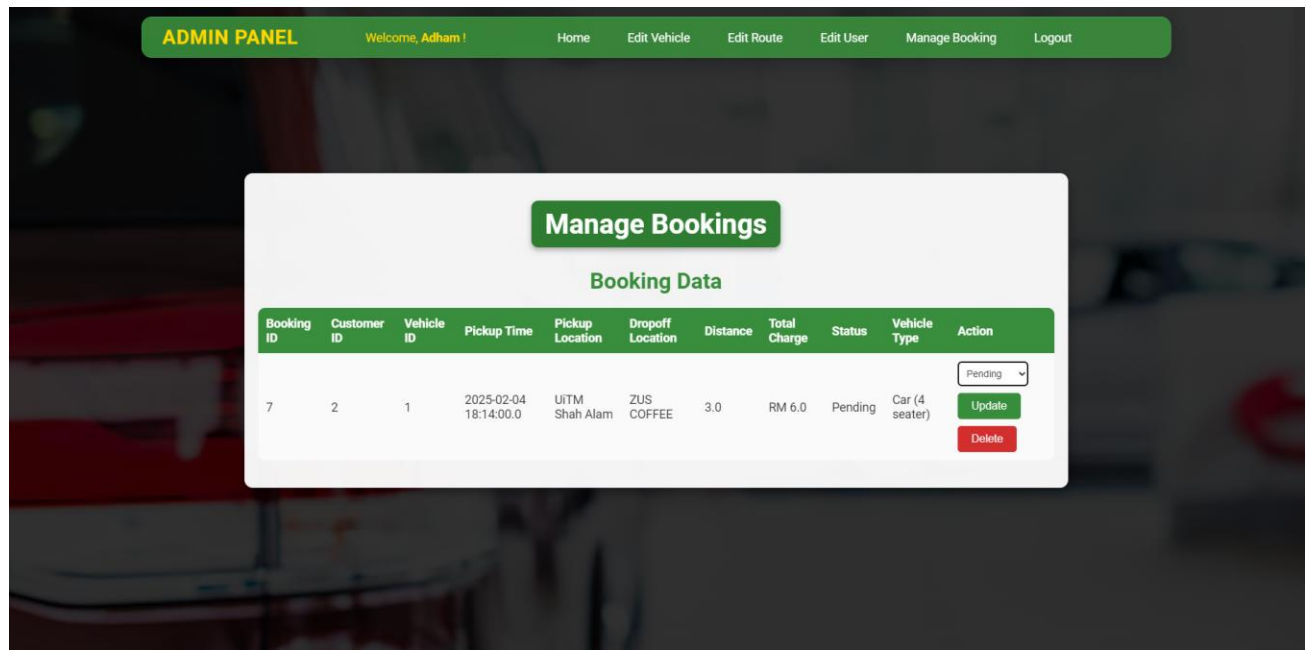
### 2.4 Edit Route

If the admin clicks on the *Edit Route*, it will redirect to the *Manage Route Map* section where admin can add, update and delete the routes that will be available for the customers.



## 2.5 Edit User

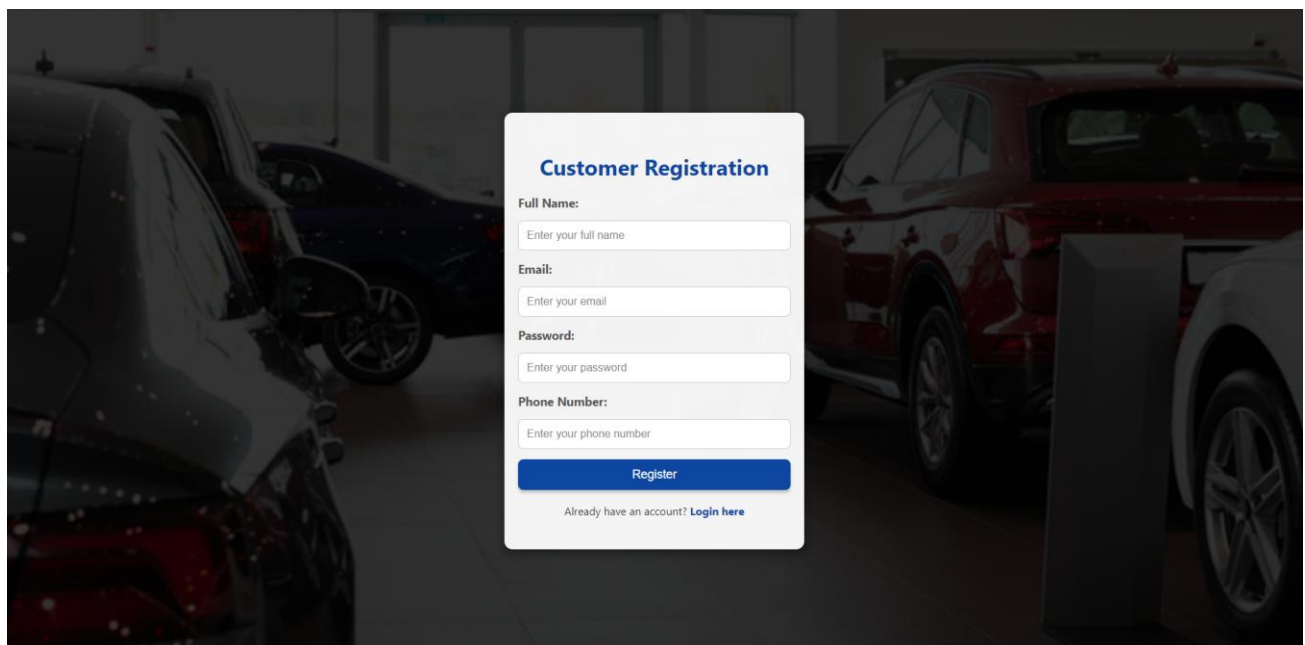
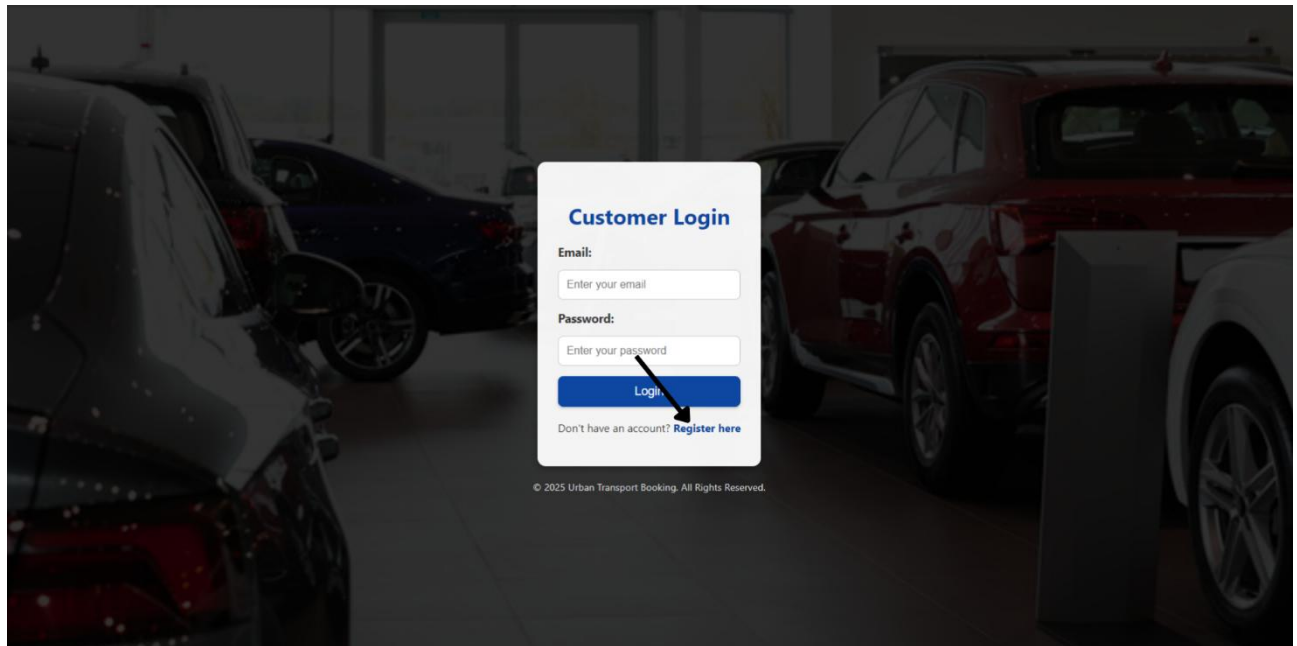
On this page, the admin can view the customers and admin account details. Admin also can edit the details and delete the account.



## 2.6 Manage Bookings

For manage bookings page, the admin can view all booking list. The admin can update the booking status which are 'Pending, Completed or Cancelled' and just delete the booking.

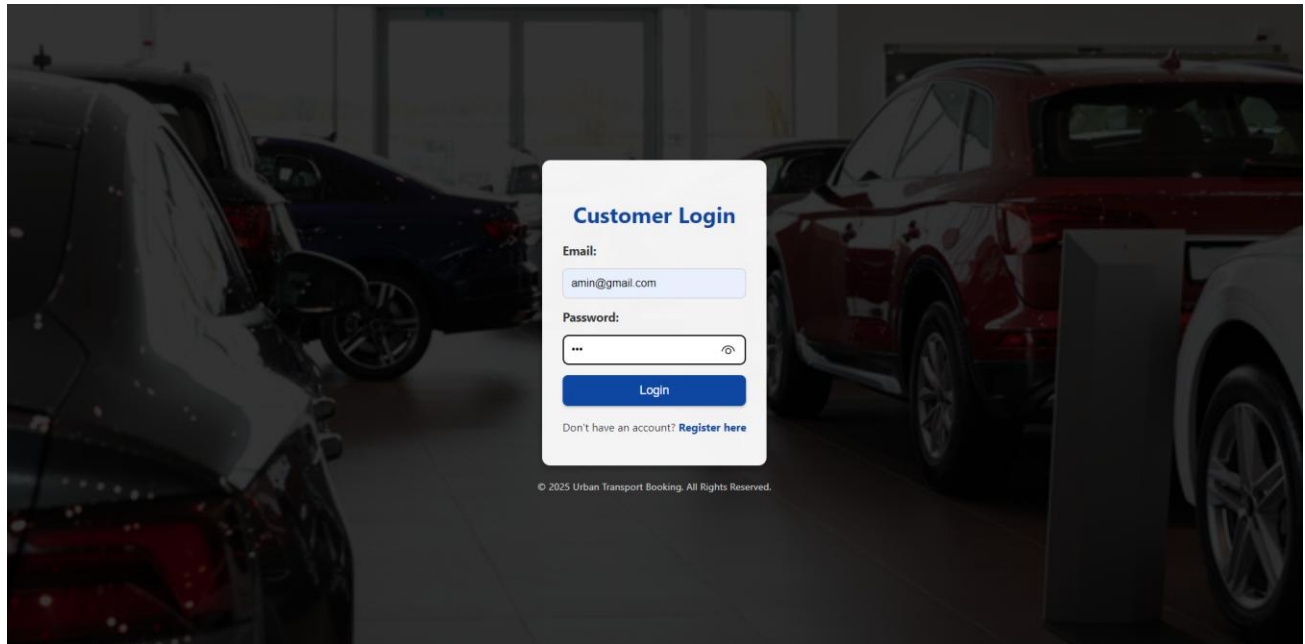
### 3.0 Customer



#### *3.1 Customer Register Page*

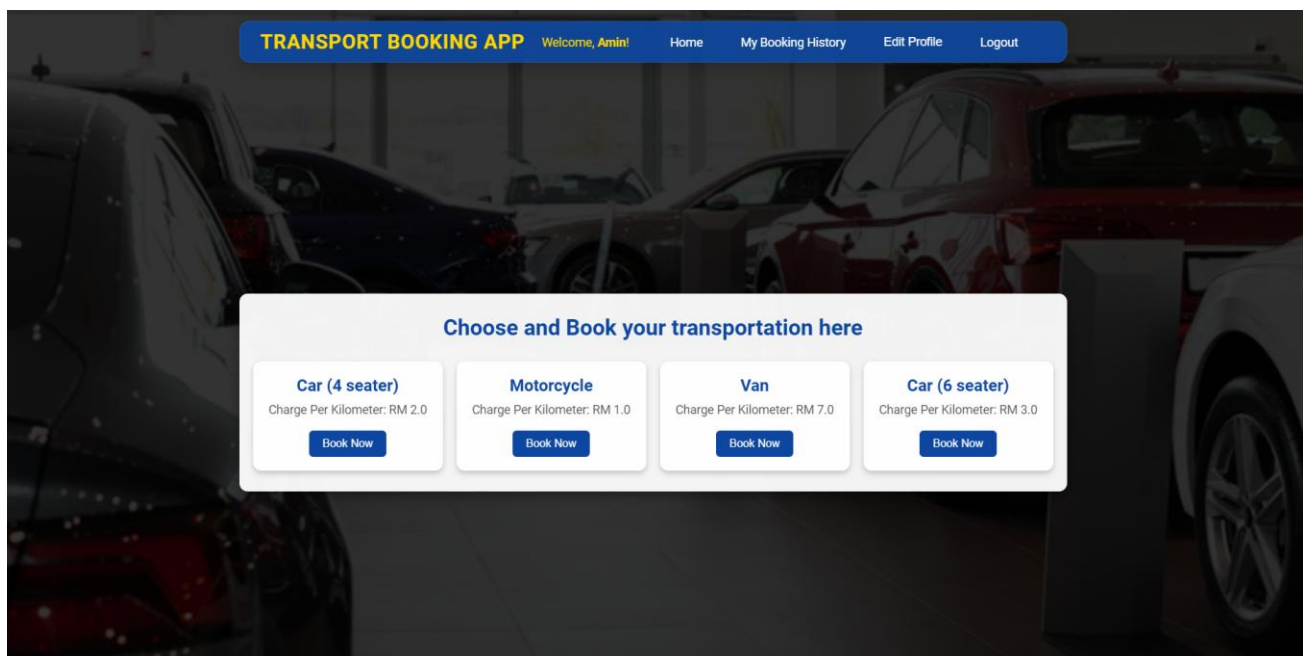
New customers need to register an account before they can access the system. By clicking the 'Register Here', they will be redirected to the registration page and fill in their details.





### 3.2 Customer Login Page

After the registration is completed, the customer can insert their email and password to log in to the system.



### 3.3 Homepage

The customer will be redirected to the homepage after they logged in. They can see the available transportation and choose them. There is also a navigation for the customer to go to *Home*, *Booking History*, *Edit Profile* and *Logout*.

**TRANSPORT BOOKING APP** Welcome, Amin! Home My Booking History Edit Profile Logout

### Booking Form

Vehicle Type: Car (4 seater)  
Charge: RM 2.0

Pickup Time: 02/05/2025 10:30 AM

Route:

Distance (km)	Action
8.9	Select
4.1	Select
3.0	Select
3.0	Select
4.5	Select

UiTM Shah Alam ZUS COFFEE 3.0 Select

UiTM Shah Alam Ayam Gepuk Top Global 3.0 Select

UiTM Shah Alam Restoran Hakim Seksyen 7 4.5 Select

### 3.4 Booking Form

After choosing the vehicle type, they will be redirected to *Booking Form*. The customer needs to set the date and time for the service they want.

**TRANSPORT BOOKING APP** Welcome, Amin! Home My Booking History Edit Profile Logout

Pickup Location	Dropoff Location	Distance (km)	Action
UiTM Shah Alam	Aeon Shah Alam	8.9	Select
Central i-City	UiTM Shah Alam	4.1	Select
UiTM Shah Alam	ZUS COFFEE	3.0	Select
UiTM Shah Alam	Ayam Gepuk Top Global	3.0	Select
UiTM Shah Alam	Restoran Hakim Seksyen 7	4.5	Select
UiTM Shah Alam	Nasi Kandar Saddam	2.2	Select
UiTM Shah Alam	Sunway Lagoon	18.5	Select

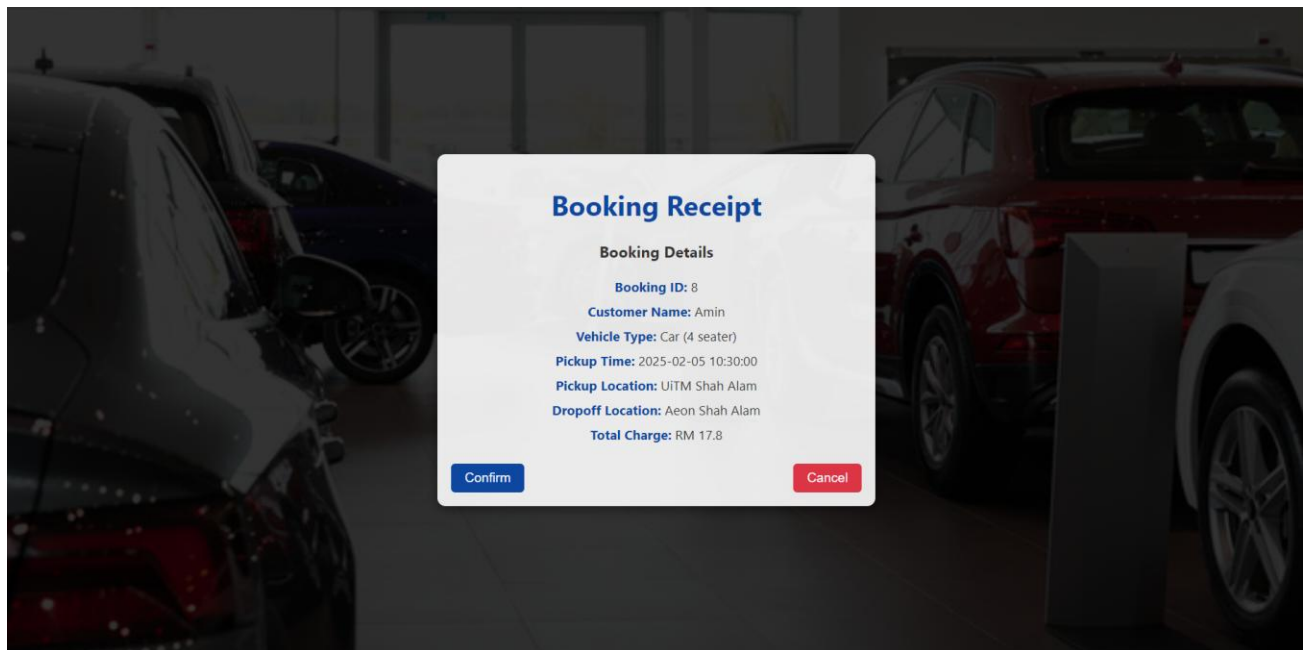
Selected Route: UiTM Shah Alam to Aeon Shah Alam - 8.9 km

Submit Booking

Back to List

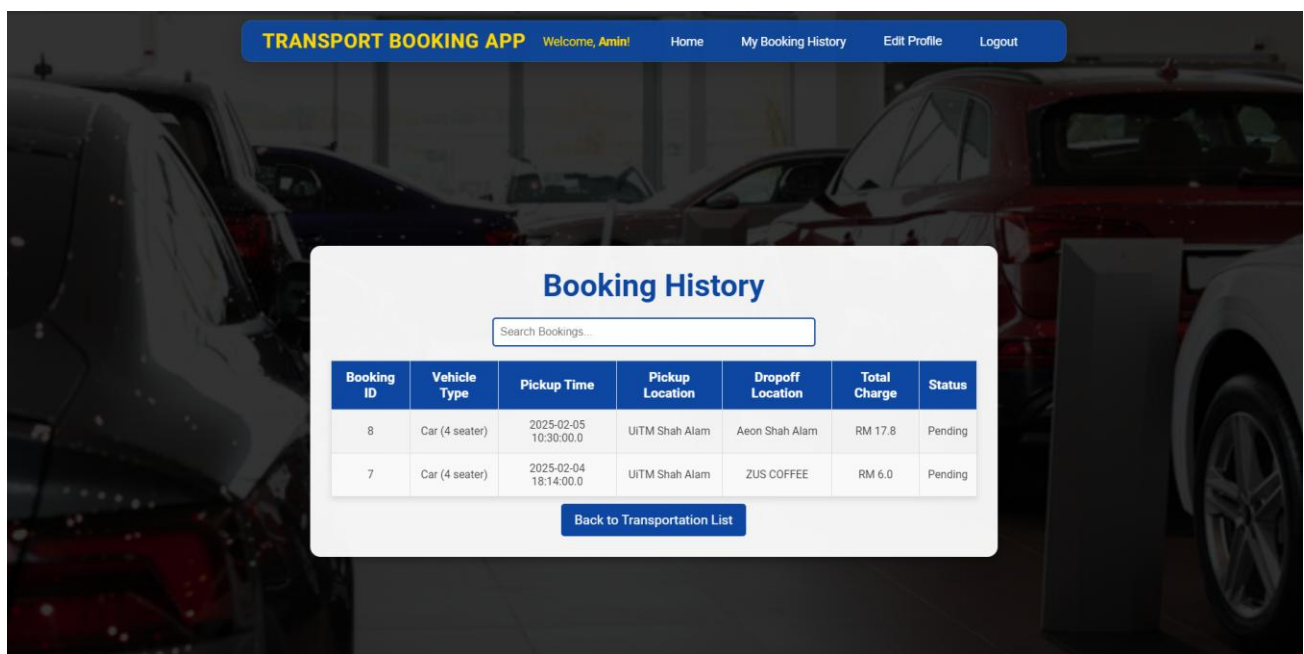
### 3.5 Submit Booking

Then, they can choose their destination and submit the booking.



### 3.6 Receipt

After submitting the booking, the system will give the customer their *Booking Receipt*. The customer needs to click the '*Confirm*' button to confirm the booking.



### 3.7 Booking History

At this section, the customer can view the booking that they have made and its details.

The screenshot shows the 'Edit Profile' form in the 'TRANSPORT BOOKING APP'. The app's header is blue with the title 'TRANSPORT BOOKING APP' in yellow, followed by a welcome message 'Welcome, Amin!', and navigation links: 'Home', 'My Booking History', 'Edit Profile', and 'Logout'. The background is a dark, blurred image of cars. The 'Edit Profile' form is a white box with a blue title. It contains four input fields: 'Full Name' with the value 'Amin', 'Email' with 'amin@gmail.com', 'Password' with masked characters '\*\*\*', and 'Phone Number' with '01321476237'. At the bottom of the form are two buttons: a blue 'Update Profile' button and a blue text link 'Back to Home'.

TRANSPORT BOOKING APP Welcome, Amin! Home My Booking History Edit Profile Logout

### Edit Profile

Full Name:

Email:

Password:

Phone Number:

[Update Profile](#)

[Back to Home](#)

### *3.8 Edit Profile*

The customer can edit their account details at *Edit Profile* section where they can update their name, email, password and phone number.