

Authenticate User

Program Name : User Login

Purpose : Set of credentials used to authenticate a user using Staff ID and Password.

Input : Staff ID, Password

Output : Access allowed

Screen :

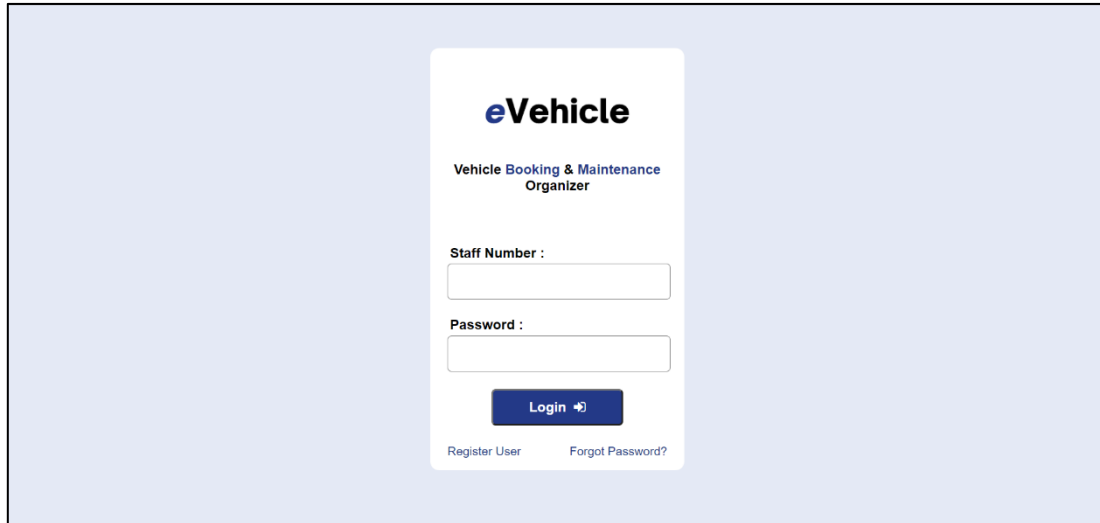
The image shows a web application login page for 'eVehicle'. The page has a light blue background. In the center, there is a white card with the 'eVehicle' logo at the top. Below the logo, it says 'Vehicle Booking & Maintenance Organizer'. There are two input fields: 'Staff Number :' and 'Password :'. Below these fields is a blue 'Login' button with a right-pointing arrow. At the bottom of the card, there are two links: 'Register User' and 'Forgot Password?'.

Figure 1: Login page for web application

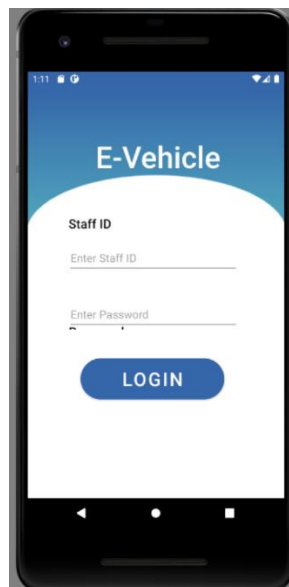
The image shows a mobile application login page for 'E-Vehicle'. The page is displayed on a smartphone screen. At the top, there is a blue header with the text 'E-Vehicle'. Below the header, there are two input fields: 'Staff ID' and 'Enter Password'. Below these fields is a blue 'LOGIN' button. The smartphone's status bar at the top shows the time as 1:11 and various icons. The bottom of the screen shows the Android navigation bar.

Figure 2: Login page for mobile application

Manage Vehicle

Program Name : Admin Vehicle Management

Purpose : Manage data for vehicle by insert new vehicle, remove or update existing vehicle

Input : Category number, plate number, model, capacity, status, current mileage

Output : Updated list of vehicles

Screen :

The screenshot displays the 'eVehicle' management interface. At the top, a navigation bar includes links for Home, My Booking, Booking Application, eVehicle Management, and the user profile 'NURKHALISA BINTI MOHD TOHIR'. The main content area is divided into two sections. The first section, 'Register Vehicle Form', contains input fields for Category (a dropdown menu), Capacity, Plate Number, Model, Status (a dropdown menu), and Current Mileage. Below these fields is a checkbox for 'I acknowledge that all information are correct.' and two buttons, 'SUBMIT' and 'RESET'. The second section, 'List of Vehicles', features a search bar and a table with 11 rows of vehicle data. Each row includes columns for No., Category, Plate no, Model, Capacity, Status, Current Mileage, and Action (with View and Update buttons). The table lists various vehicles, including cars, vans, and a bus, with their respective details and availability status.

No.	Category	Plate no	Model	Capacity	Status	Current Mileage	Action
1	CAR	VAT1450	PROTON PREVE	4	AVAILABLE	005000	View Update
2	CAR	WRV3013	PROTON PREVE	4	AVAILABLE	035555	View Update
3	CAR	WRY1529	HONDA CITY	4	AVAILABLE	001250	View Update
4	CAR	WJV8385	TOYOTA HYLUX	4	AVAILABLE	005250	View Update
5	CAR	WPQ2787	TOYOTA HYLUX	4	AVAILABLE	011076	View Update
6	CAR	WRY4498	TOYOTA HYLUX	4	AVAILABLE	022250	View Update
7	CAR	MBC1234	TOYOTA	5	NOT AVAILABLE	015000	View Update
8	VAN	WTB2131	TOYOTA	10	AVAILABLE	015670	View Update
9	VAN	WRB1950	TOYOTA HIACE	10	AVAILABLE	010500	View Update
10	VAN	WQD9023	TOYOTA HIACE	10	AVAILABLE	000250	View Update
11	BUS	HRE5119	MITSUBISHI	40	NOT AVAILABLE	010000	View Update

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Figure 3: Manage vehicle record page

Manage Booking

Program Name : Vehicle Booking

Purpose : Process bookings that have been made by users and automate vehicle assignation for the booking.

Input : Departure and return date, departure and return time, destination, reason, number of passenger and vehicle type preference

Output : Updated user's booking list.

Screen :

The screenshot shows a web application titled "eVehicle" with a navigation bar containing "Home", "Book Vehicle", "My Bookings", and "Booking History". The user's name "AIZADTUL ALEYA BINTI RADZALI" is displayed in the top right corner. The main content area is titled "Vehicle Booking Application" and contains a form with the following fields:

- Staff ID :** Text input field containing "10079".
- I/C Number :** Text input field containing "000919100796".
- Departure Date :** Date picker showing "dd/mm/yyyy".
- Return Date :** Date picker showing "dd/mm/yyyy".
- Departure Time :** Time picker showing "--:--".
- Return Time :** Time picker showing "--:--".
- Destination :** Text input field.
- Reason :** Text input field.
- Number of Passenger :** Text input field.
- Preference of Vehicle Type :** Dropdown menu.

Below the form fields, there is a checkbox labeled "I acknowledge that I have been instructed to carry out official duties outside the office." and two buttons: "RESET" and "SUBMIT".

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Figure 4: Vehicle booking form page

Manage Maintenance

Program Name : Admin Service Management

Purpose : Manage data for service by insert new service, remove or update existing service data.

Input : Service number, plate number, service date, service mileage, next service date, next service mileage

Output : List of services

Screen :

eVehicle Home My Booking Booking Application eVehicle Management NURKHALISA BINTI MOHD TOHIR

Update Service Form

Plate Number :
WRY1529

Service Date : 01/01/2022 **Service Mileage :** 110255

Next Date : 01/08/2022 **Next Mileage :** 120255

**Please make sure all information are correct

☒ I acknowledge that all information are correct.

BACK UPDATE RESET

List of Services

Search..

No.	Category	Plate no	Model	Service Date	Service Mileage	Next Date	Next Mileage	Action
1	CAR	WRY1529	HONDA CITY	01/01/2022	110255	01/08/2022	120255	View Update Delete
2	BUS	HRE5119	MITSUBISHI	15/01/2022	100123	26/07/2022	110123	View Update Delete
3	VAN	WTB2131	TOYOTA	17/12/2021	015200	17/06/2022	025200	View Update Delete
4	VAN	WRB1950	TOYOTA HIACE	20/12/2021	010580	20/06/2022	020580	View Update Delete
5	CAR	WRY4498	TOYOTA HYLUX	26/06/2021	022400	18/01/2022	032400	View Update Delete
6	CAR	WPQ2787	TOYOTA HYLUX	05/01/2022	011000	05/07/2022	021000	View Update Delete
7	CAR	WRV3013	PROTON PREVE	17/07/2021	022500	29/01/2022	032500	View Update Delete
8	CAR	MBC1234	TOYOTA	18/01/2022	015800	18/07/2022	025800	View Update Delete

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Figure 5: Manage service record page

INTERFACE DESIGN

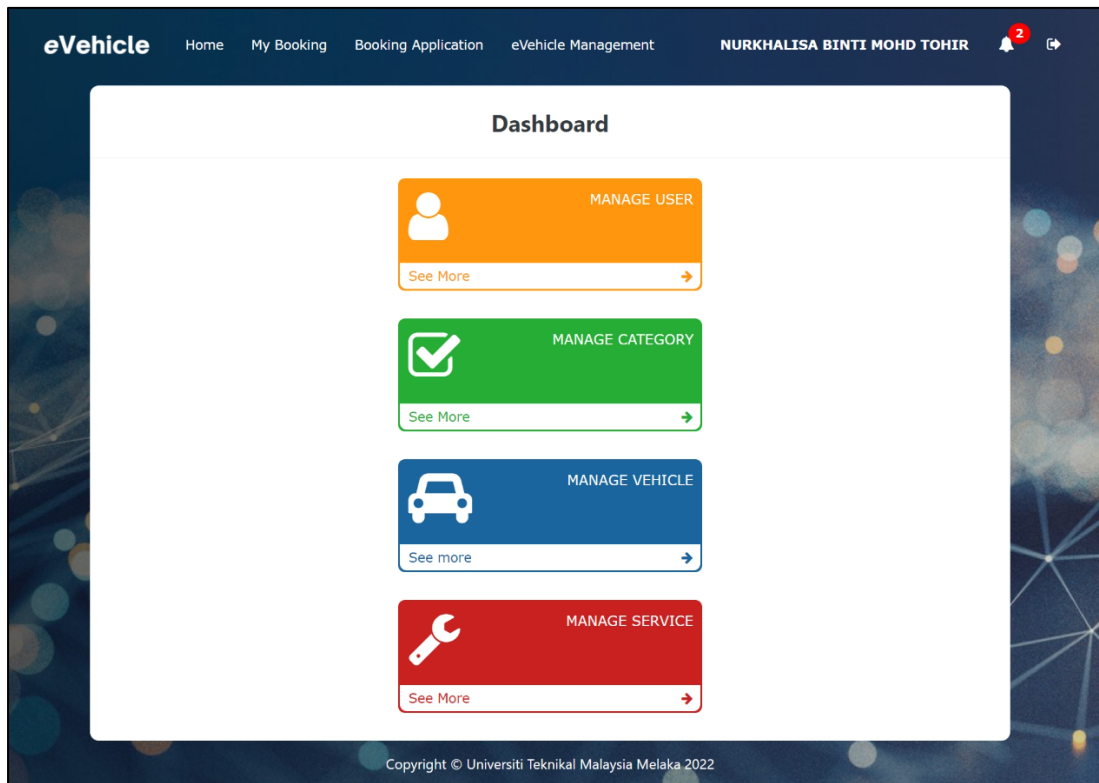


Figure 6: Admin home page

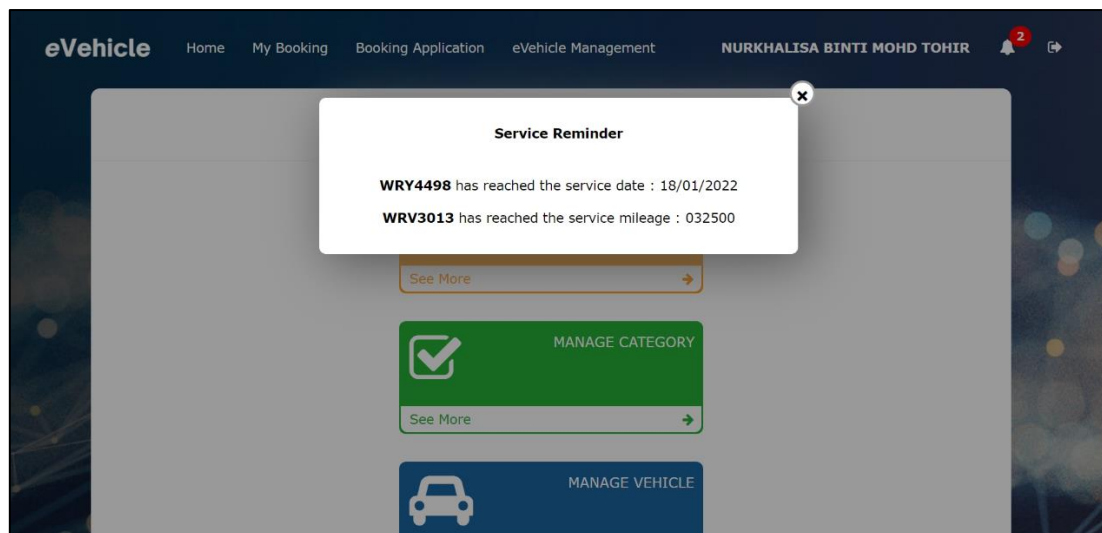


Figure 7: Admin notification page

eVehicle
Home
My Booking
Booking Application
eVehicle Management
NURKHALISA BINTI MOHD TOHIR
2

Add User Form

ID No :

IC No :

Name :

Position :

Department :

Email :

Phone No :

Office No :

Category:
-- Select Category --

Status:
INACTIVE

☐ I acknowledge that all information are correct.

SUBMIT
RESET

List of Users

No.	ID No	IC No	Name	Department	Email	Office No	Status	Action
1	10079	000919100796	AIZADTUL ALEYA BINTI RADZALI	STRATEGIC INFORMATION TECHNOLOGY DIVISION	aiizadaleya@gmail.com	0320203010	ACTIVE	View
2	10080	000919041007	NUR AFIQAH BINTI RAMAH	STRATEGIC INFORMATION TECHNOLOGY DIVISION	aleyaradzai05@gmail.com	0319101080	ACTIVE	View
3	10373	691221042134	KAMARUDIN ABDULLAH	SERVICE MANAGEMENT UNIT	fajar@mcmc.gov.my	0320203175	ACTIVE	View
4	11234	861121302553	MUHAMMAD RAZALI ANUAR	STRATEGIC INFORMATION TECHNOLOGY DIVISION	aiizadaleya@gmail.com	0320203010	INACTIVE	View
5	12345	000815056780	NUR HIDAYAH BINTI ALI	MIS	hidayah@mcmc.gov.my	032023367	INACTIVE	View

Figure 8: Admin manage user page

eVehicle
Home
My Booking
Booking Application
eVehicle Management
NURKHALISA BINTI MOHD TOHIR
2

Vehicle Booking List

No.	Date of Booking	Staff Name	Destination	Reason	Trip Date	Booking Status	
1	16/01/2022	SHARIFAH AMIRA BINTI SALIM	MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION, PUTRAJAYA	MEETING	20/01/2022 - 20/01/2022	PROCESSING	→
2	16/01/2022	NOR SAIDATUL HURIAH BT SHAHARUDIN	MITC HOTEL, MELAKA	TUTOR EVENT	24/01/2022 - 26/01/2022	PROCESSING	→
3	16/01/2022	NOORSYUHADA BINTI ABDUL SAMAD	PICC, PUTRAJAYA	EVENT	02/02/2022 - 02/02/2022	PROCESSING	→

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Figure 9: Admin view booking list page

eVehicle
Home
My Booking
Booking Application
eVehicle Management
NURKHALISA BINTI MOHD TOHIR
2

Vehicle Booking Details

Booking Number :
00026

Staff ID :
15926

Staff Name :
SHARIFAH AMIRA BINTI SALIM

Department :
NETWORK SECURITY DIVISION

Position :
DIRECTOR

Email :
amira@mcmc.gov.my

Extension Phone Number :
0320203010

Departure Date :
20/01/2022

Return Date :
20/01/2022

Departure Time :
07:00 AM

Return Time :
04:00 PM

Destination :
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOV

Reason :
MEETING

Number of Passenger :
2

Vehicle Type Preference :
CAR

Plate No.	Vehicle Type	Model
VAT1450	CAR	PROTON PREVE

Booking Status :
☐ Accept
☐ Reject

Back
Submit

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Figure 10: Admin view booking details page

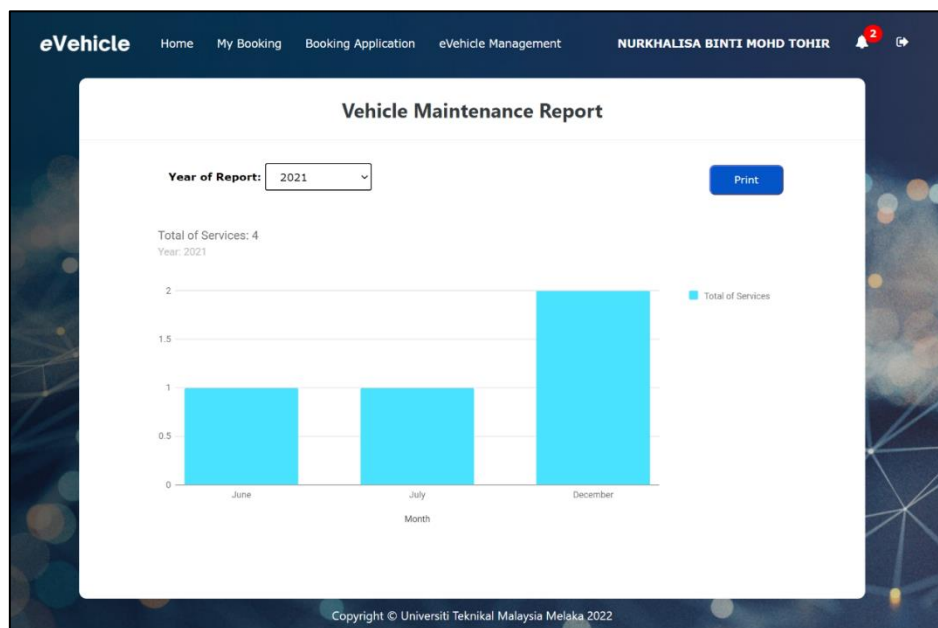


Figure 11: Admin service report page

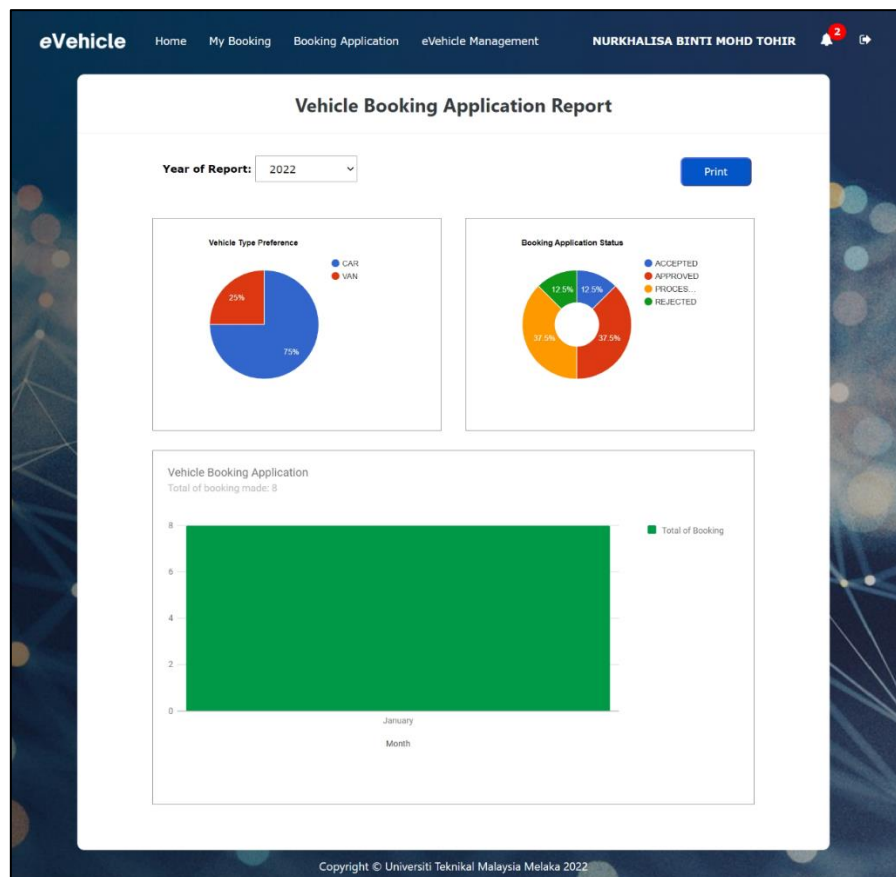


Figure 12: Admin booking report page

eVehicle

[Home](#)[Book Vehicle](#)[My Bookings](#)[Booking History](#)

AIZADTUL ALEYA BINTI RADZALI

Profile

Staff ID :

10079

I/C Number :

000919100796

Full Name :

AIZADTUL ALEYA BINTI RADZALI

Department :

STRATEGIC INFORMATION TECHNOLOGY DIVISION

Position :

PROJECT MANAGER

Phone Number :

0116119080

Phone Extension Number :

0320203010

Email Address :

aizadtulaleya@gmail.com

Password :

.....

☐ Show Password

Save

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Figure 13: Staff profile page

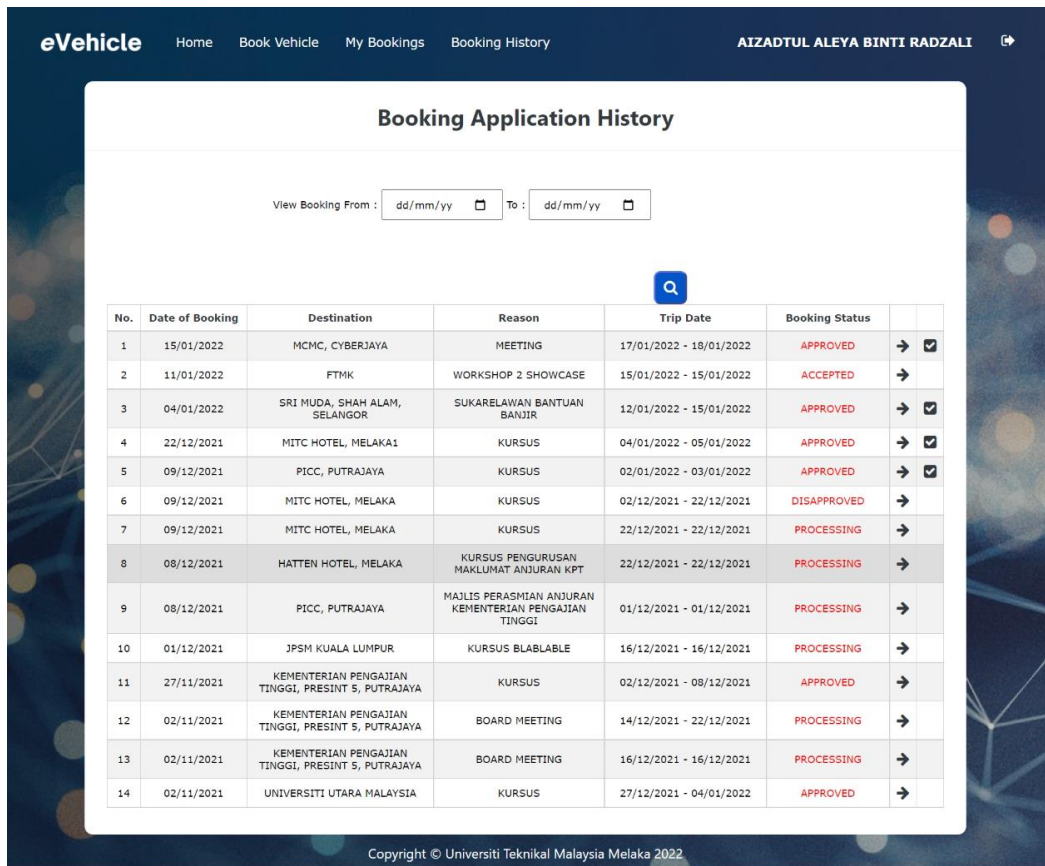


Figure 14: Staff booking history page

eVehicle Home Book Vehicle My Bookings Booking History AIZADTUL ALEYA BINTI RADZALI

Vehicle Booking Application

Trip No. : 00025

	Very Unsatisfied	Unsatisfied	Neutral	Satisfied	Very Satisfied
Good punctuality from the time to depart until the time to arrive at the destination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The boarded vehicle is in good condition, safe and clean	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The driver of the vehicle has a good attitude, not drunk and drives carefully throughout the trip	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments :

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Figure 15: Staff booking feedback page

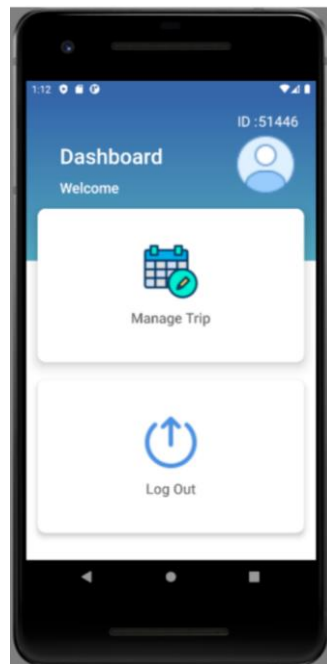


Figure 16: Driver home page

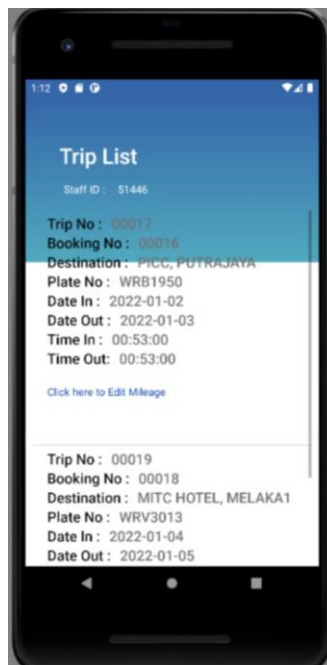


Figure 17: Driver trip list page

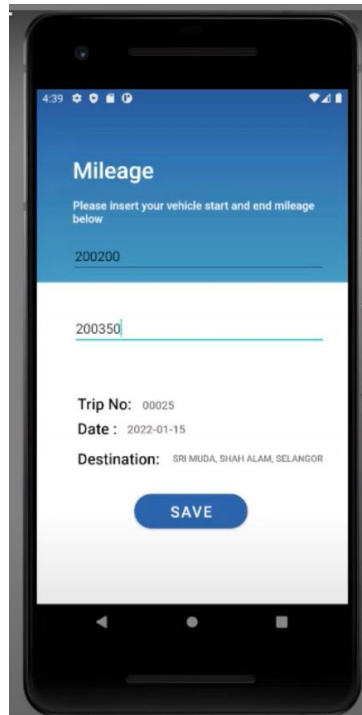


Figure 18: Driver update mileage page