



WAHDAH  
Technologies



الجامعة الإسلامية العالمية ماليزيا  
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA  
جامعة إسلامية عالمية ماليزية

# PRESENTATION

## INDUSTRY ATTACHMENT PROGRAMME

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Bachelor of Information Technology



# Overview

- ▶ Company background 01
- ▶ Project description 02
- ▶ Lesson learnt 03



# COMPANY BACKGROUND



**What is WAHDAAH?**



**WAHDAAH**

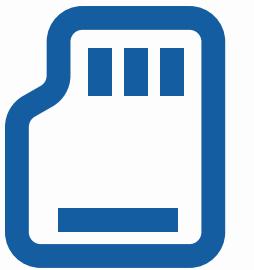
# What is WAHDAAH?

WAHDAAH is a premier mobility service provider that specialized in

1. Redefining user's car rental
2. Vehicle leasing
3. Car sharing
4. Car-with-driver (chauffeur)

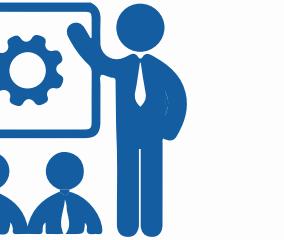
# About WAHDAH

WAHDAH's mission is to ensure that users can experience an effortless and memorable journey when using WAHDAH services throughout their adventure travelling in a country.



## Business Purpose

Connecting travelers with mobility services through technology.



## Vision & Mission

To be the top provider of seamless end-to-end mobility services, making travel joyful, easy, and inspiring with innovative and accessible experiences



# Department Background

At WAHDAH, our Technical Department is where all the tech magic happens. This team handles everything from

- designing
- maintaining our web and mobile systems,
- turning business ideas into user-friendly apps.

Technical department team handles front-end and back-end development, database management, and user experience design, making sure WAHDAH stays ahead and meets user needs.



# PROJECT DESCRIPTION

# Project Description



## Adding features

Assigned to add new feature inside of the existing application developed by WAHDHAH called DRIVE.

A screenshot of a code editor displaying a Ruby script. The code includes require statements for 'spec\_helper', 'rspec', 'capybara/rspec', and 'capybara/rails'. It also contains configuration for a JavaScript driver, category deletion, and matchers. A comment indicates the addition of additional requirements. The code editor has syntax highlighting and shows line numbers from 5 to 28.

## Update existing code

Contributed in updating existing code and improve user interface to sync with current development from the web application.



## Fix existing bugs

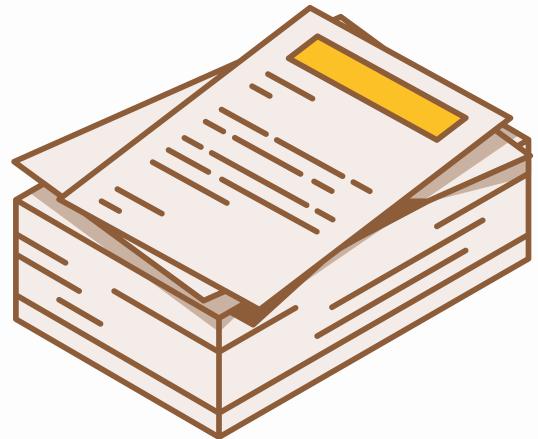
Participated in bug fixing monitored by senior programmer.



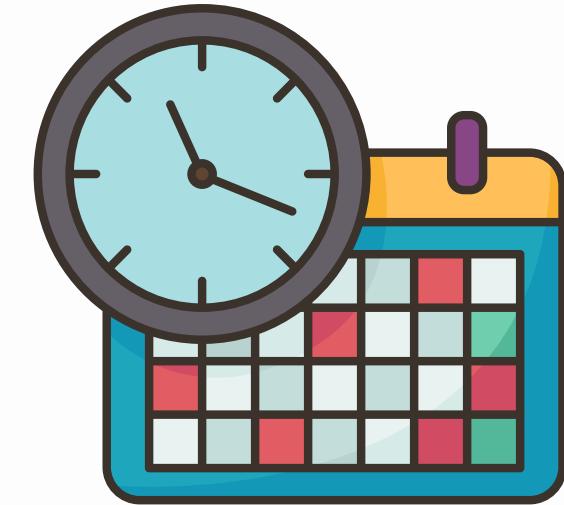
## What is DRIVE?

“DRIVE” by WAHDAH is a comprehensive fleet management application with features specifically for rental companies designed to help users streamline the management and supervision of multiple fleet units, within one user-friendly platform.

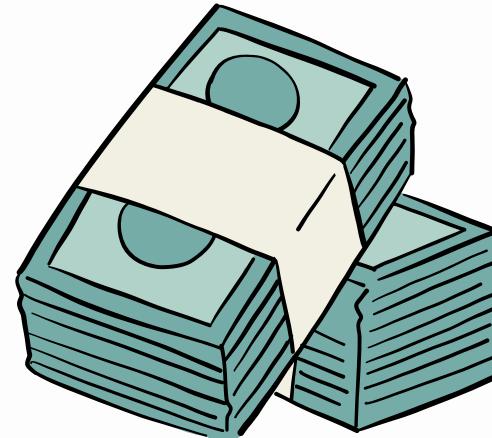
# For car rental companies uses



Comprehensive  
booking records



Efficient schedule  
management



Enhanced fleet  
oversight

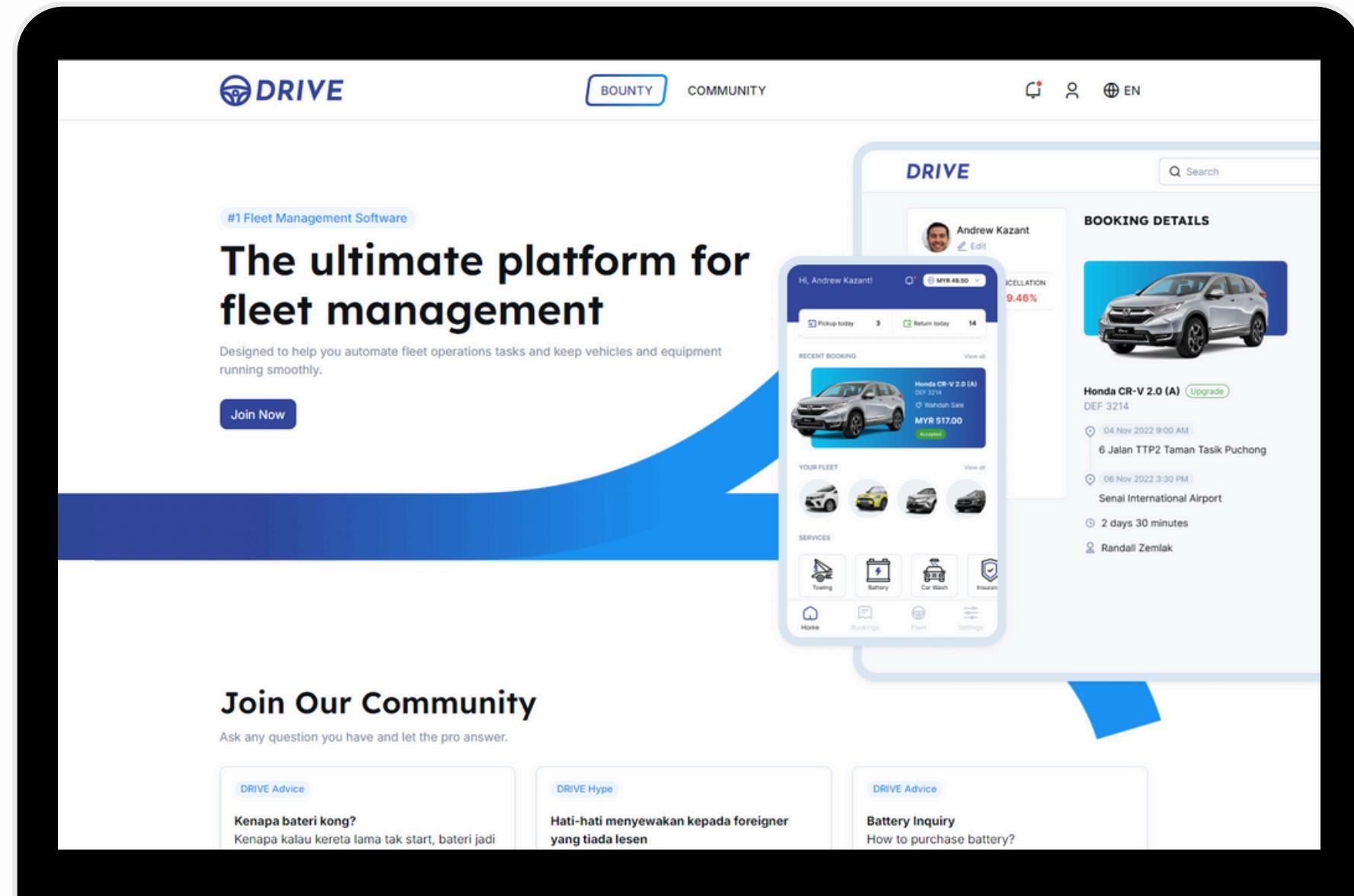


Customer  
Management

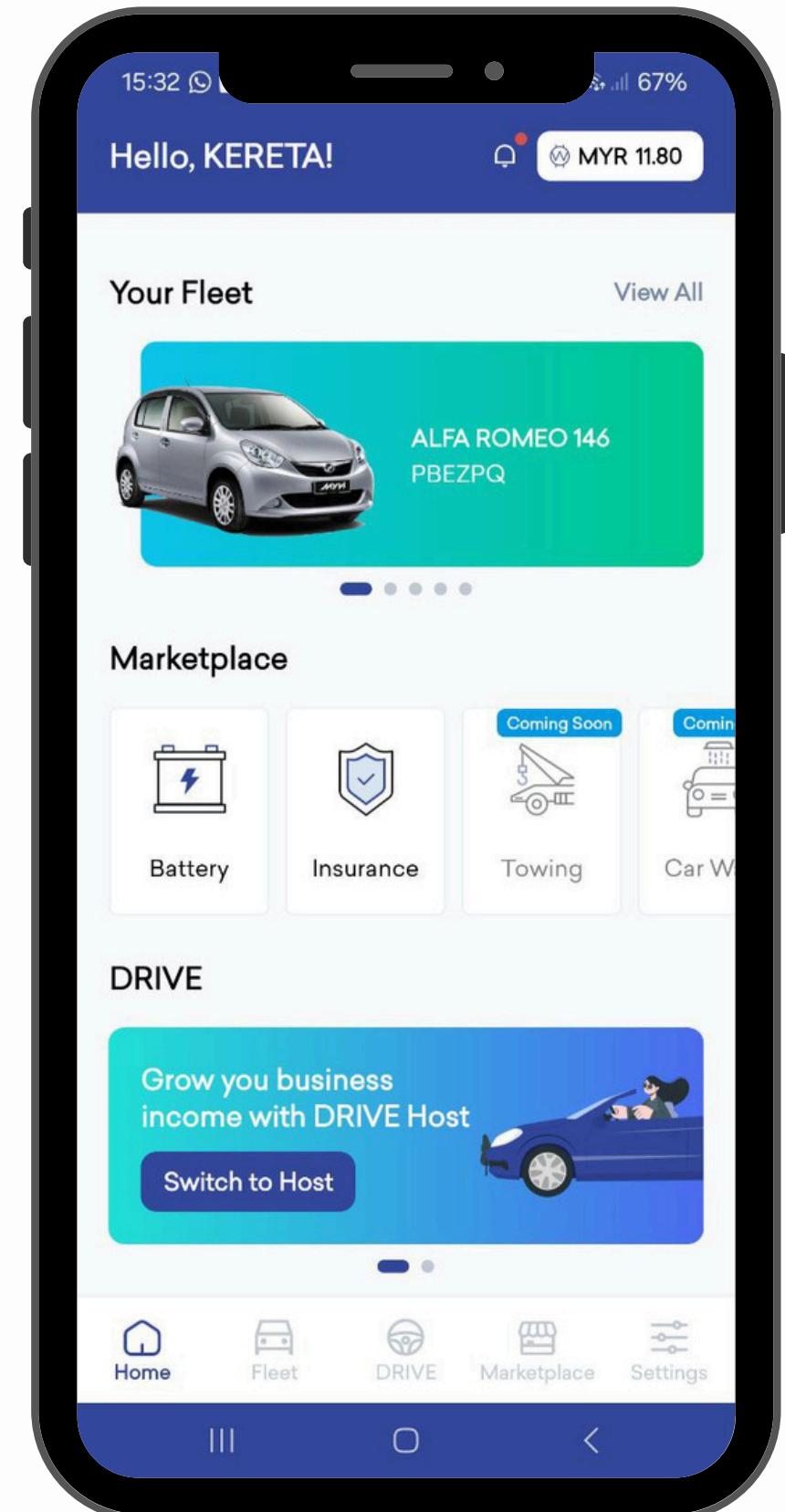


Financial tracking

# What is DRIVE?



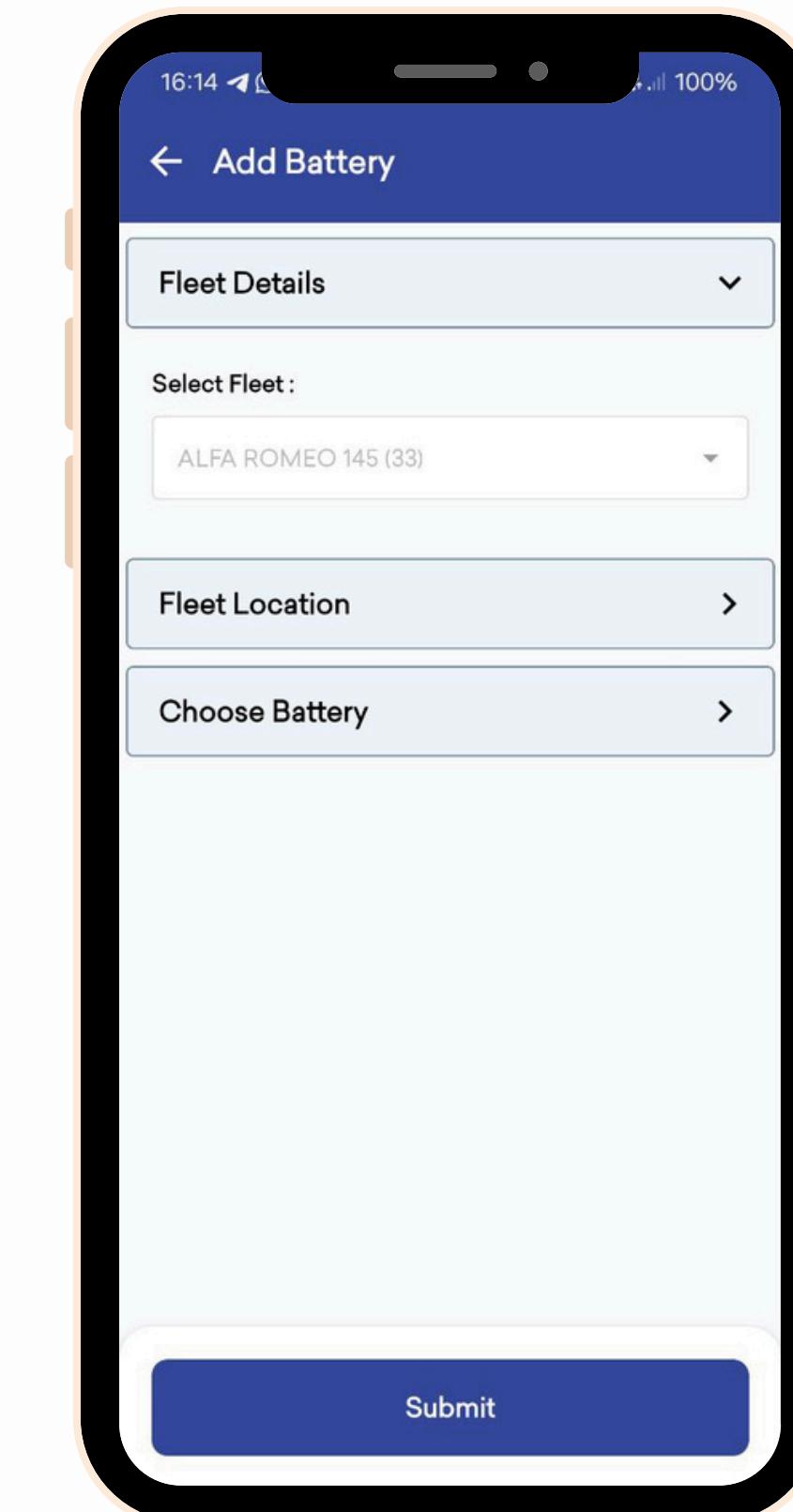
Web Application



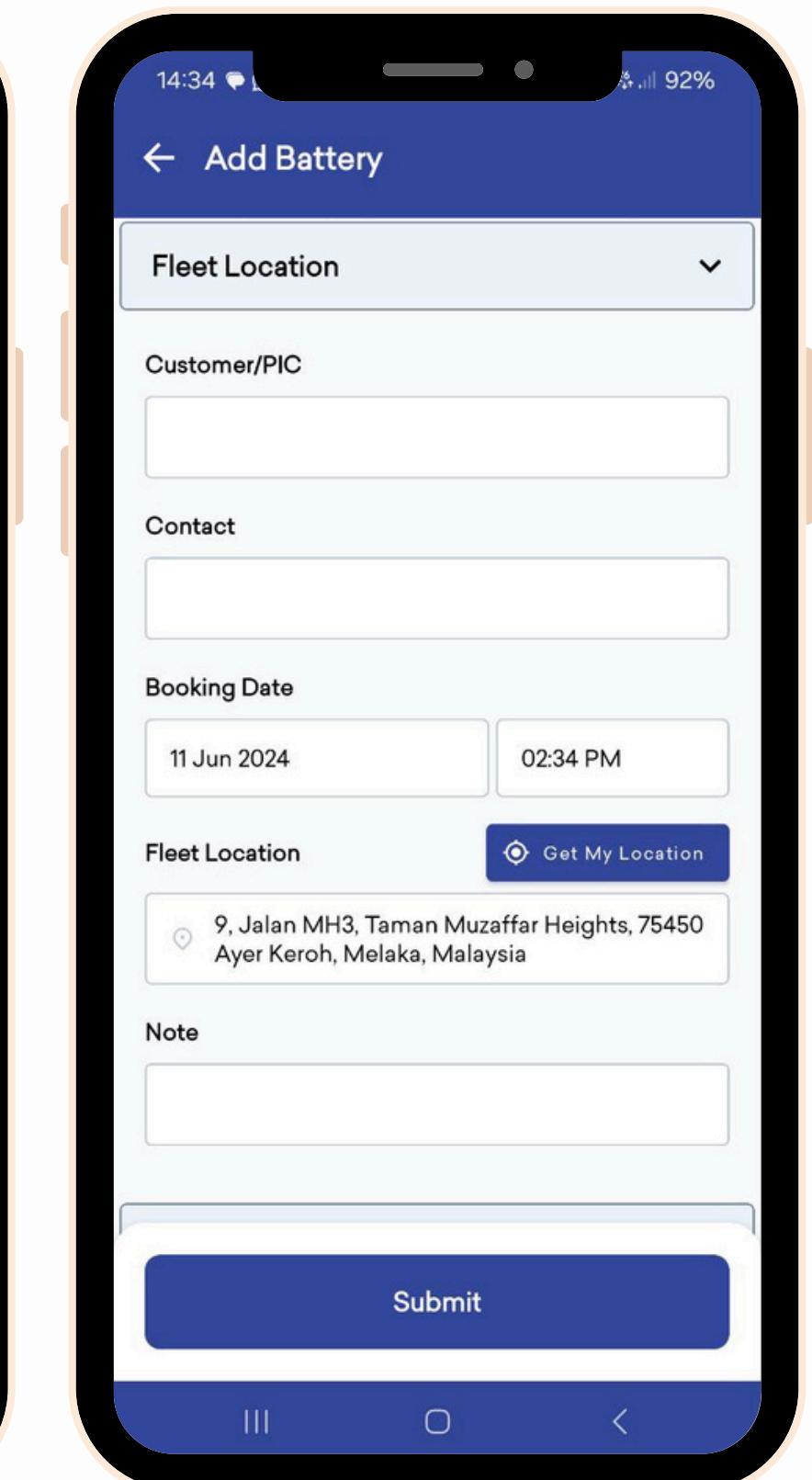
Mobile Application

# Order Battery

This is an old interface of order battery page where it consists of only text form fields and dropdown menu.



Legacy order battery page 1

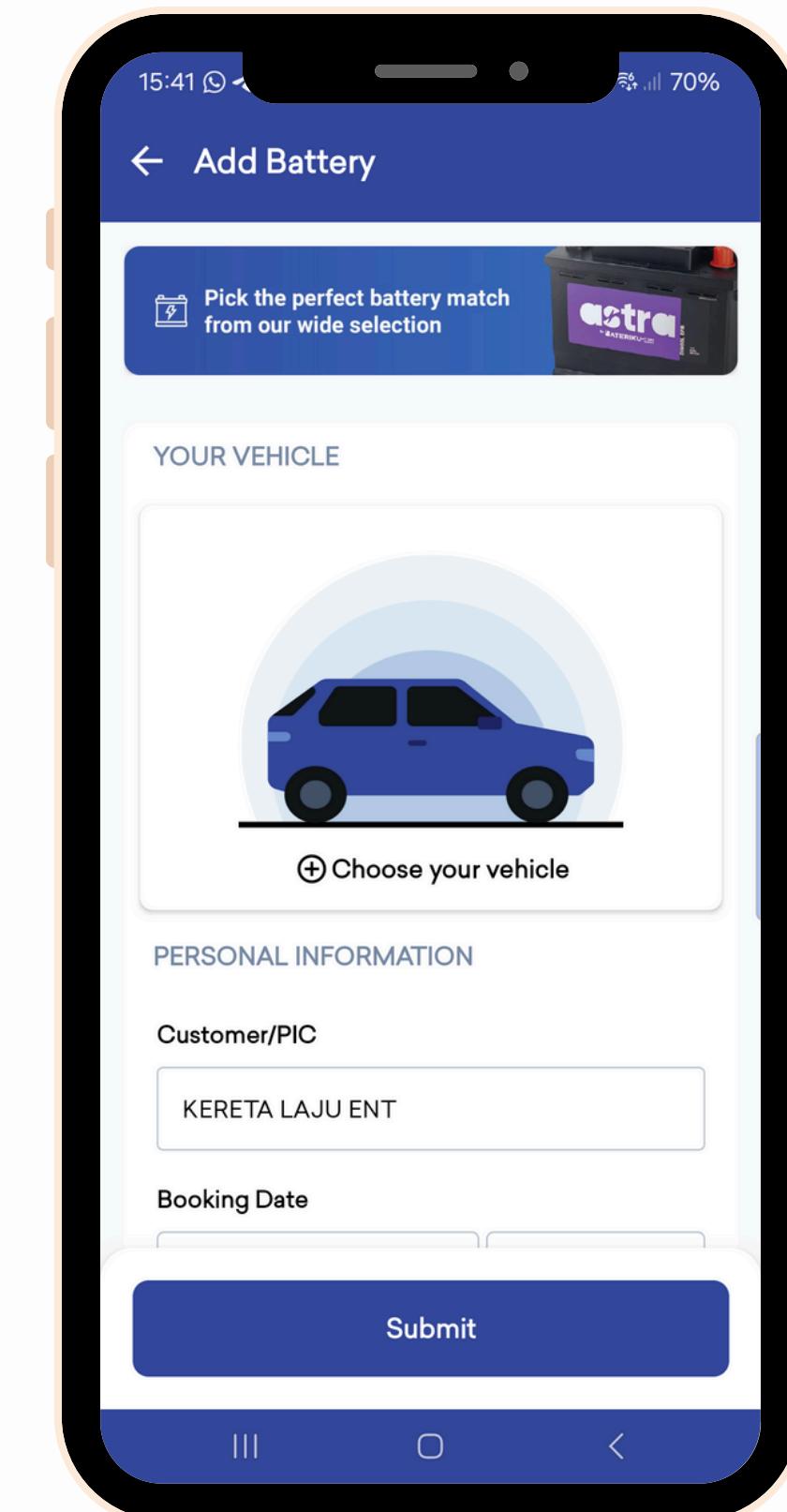


Legacy order battery page 2

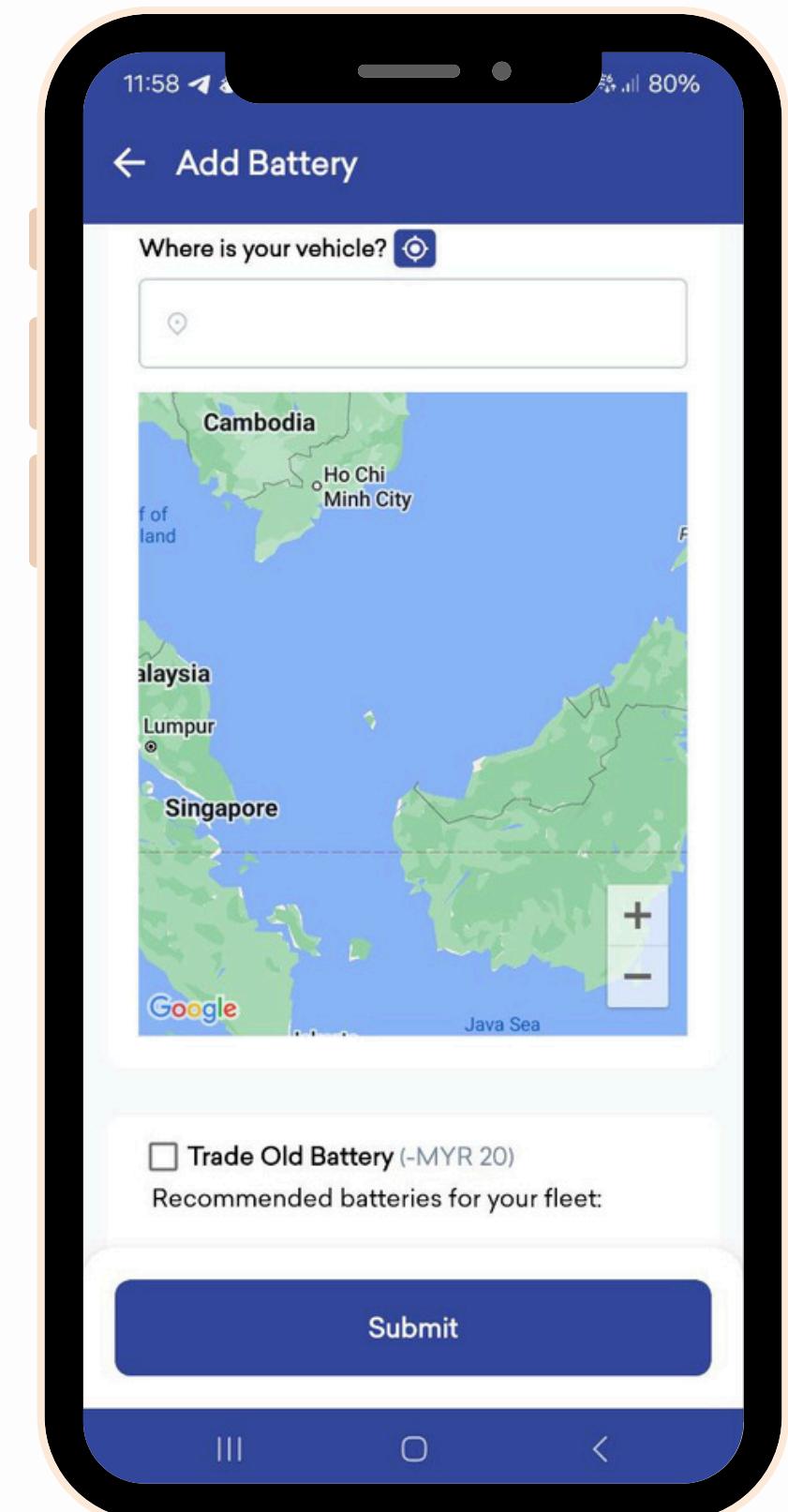
# Order Battery

The battery order page inside of the DRIVE application consists of 3 main sections:

1. Your Vehicle - get user car details
2. Personal Information - get user personal information based on logged in account.
3. Battery list - a list of batteries selection that are recommended for each cars.



Order battery page section 1

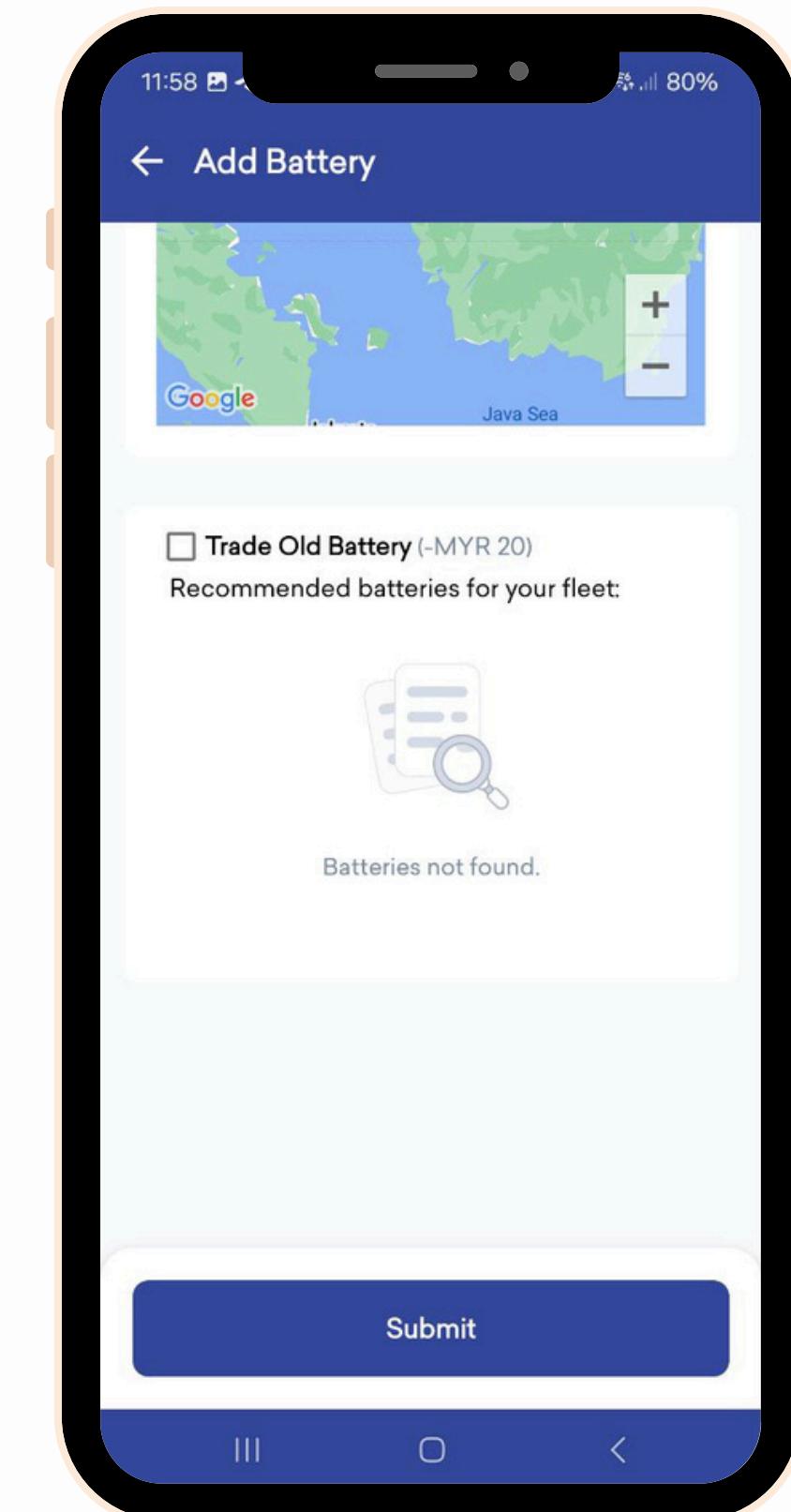


Order battery page section 2

# Order Battery

The battery order page inside of the DRIVE application consists of 3 main sections:

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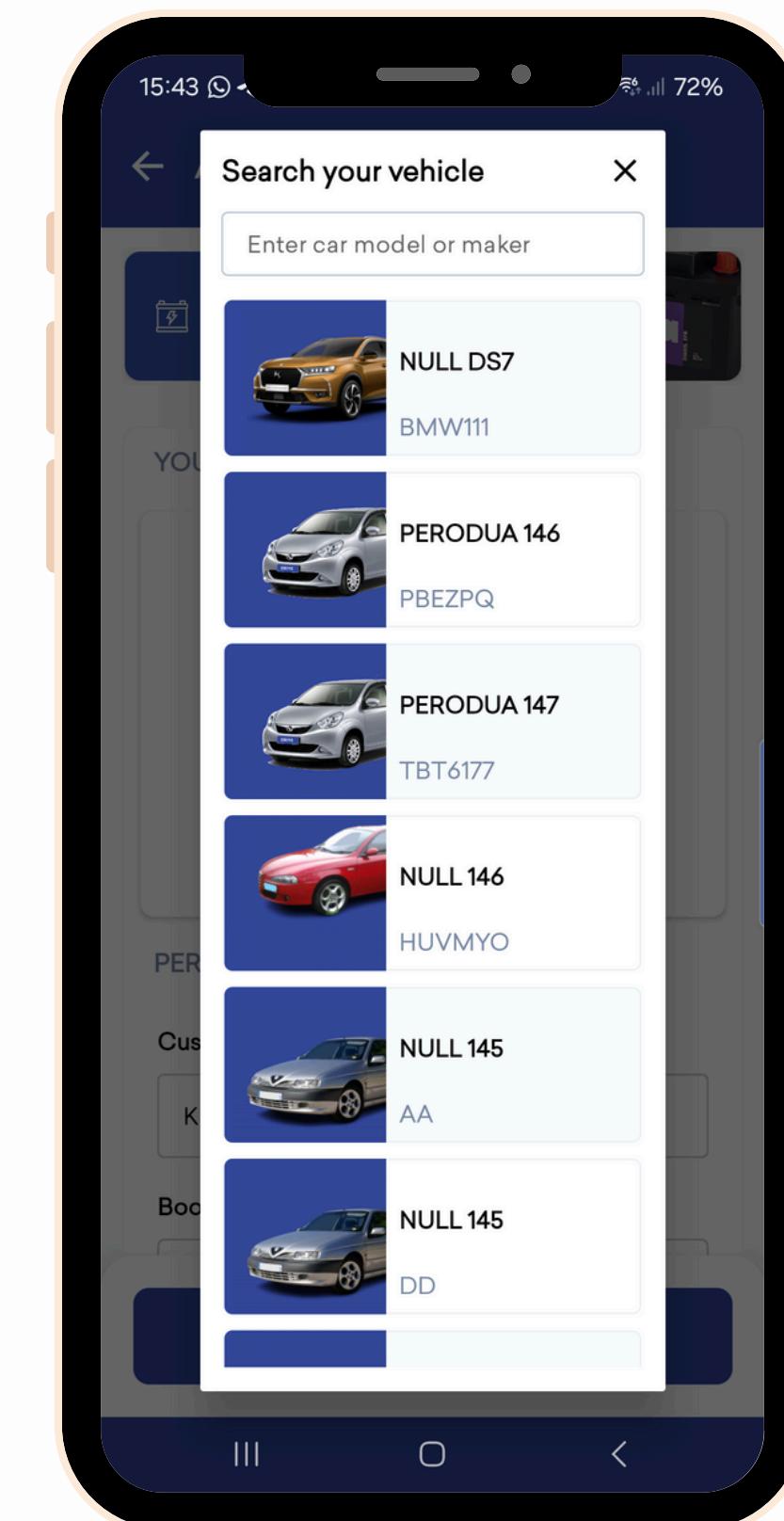
Order battery page section 3

# Your Vehicle

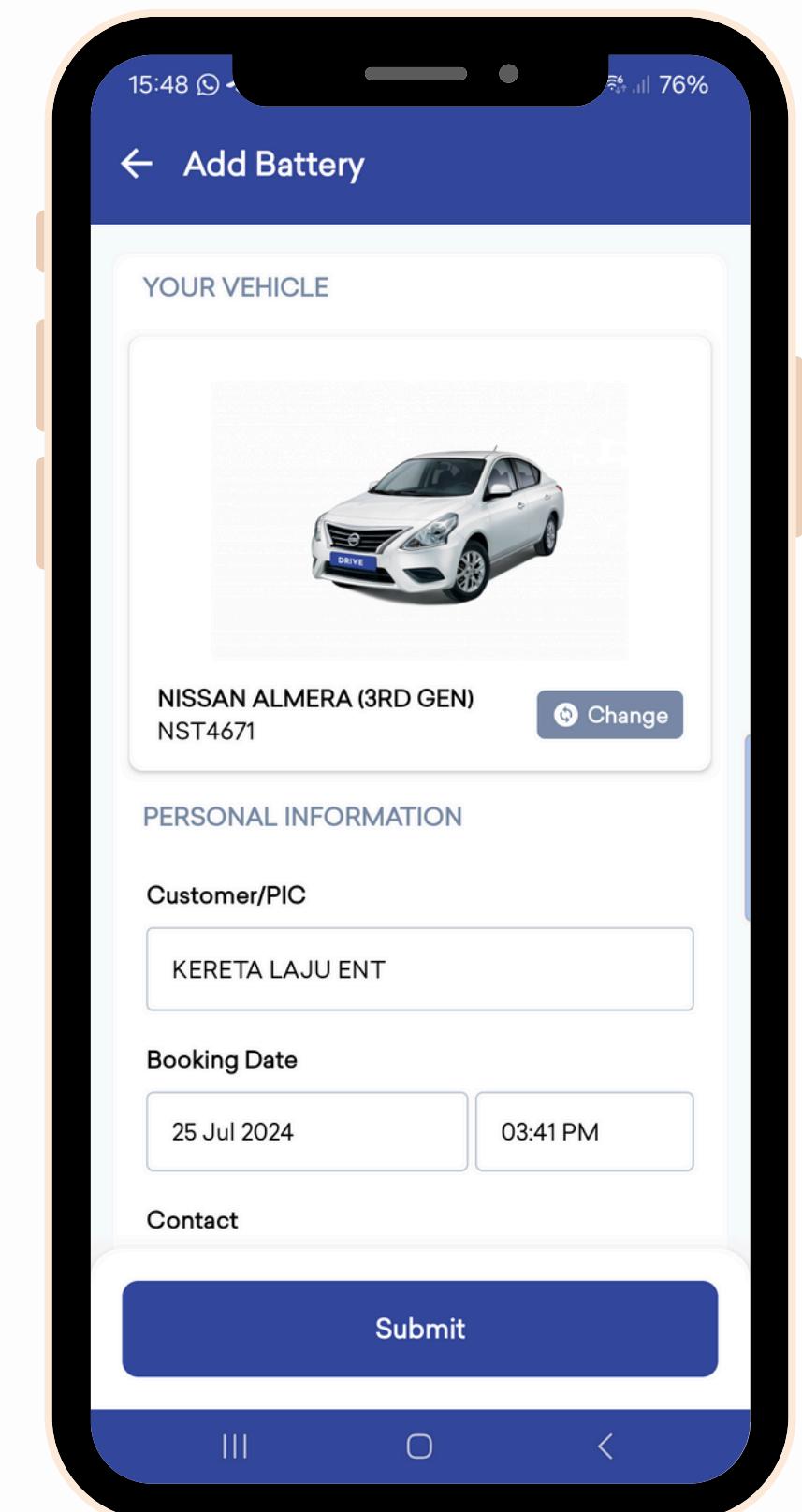
This section will display a list of the user's registered cars with DRIVE, allowing them to select any car they want to order a battery for.

New things that I learned inside this section:

- Android fragment
- Filter list
- Implementing ListView inside of a fragment
- Passing values from fragment to another activity



Fleet list fragment



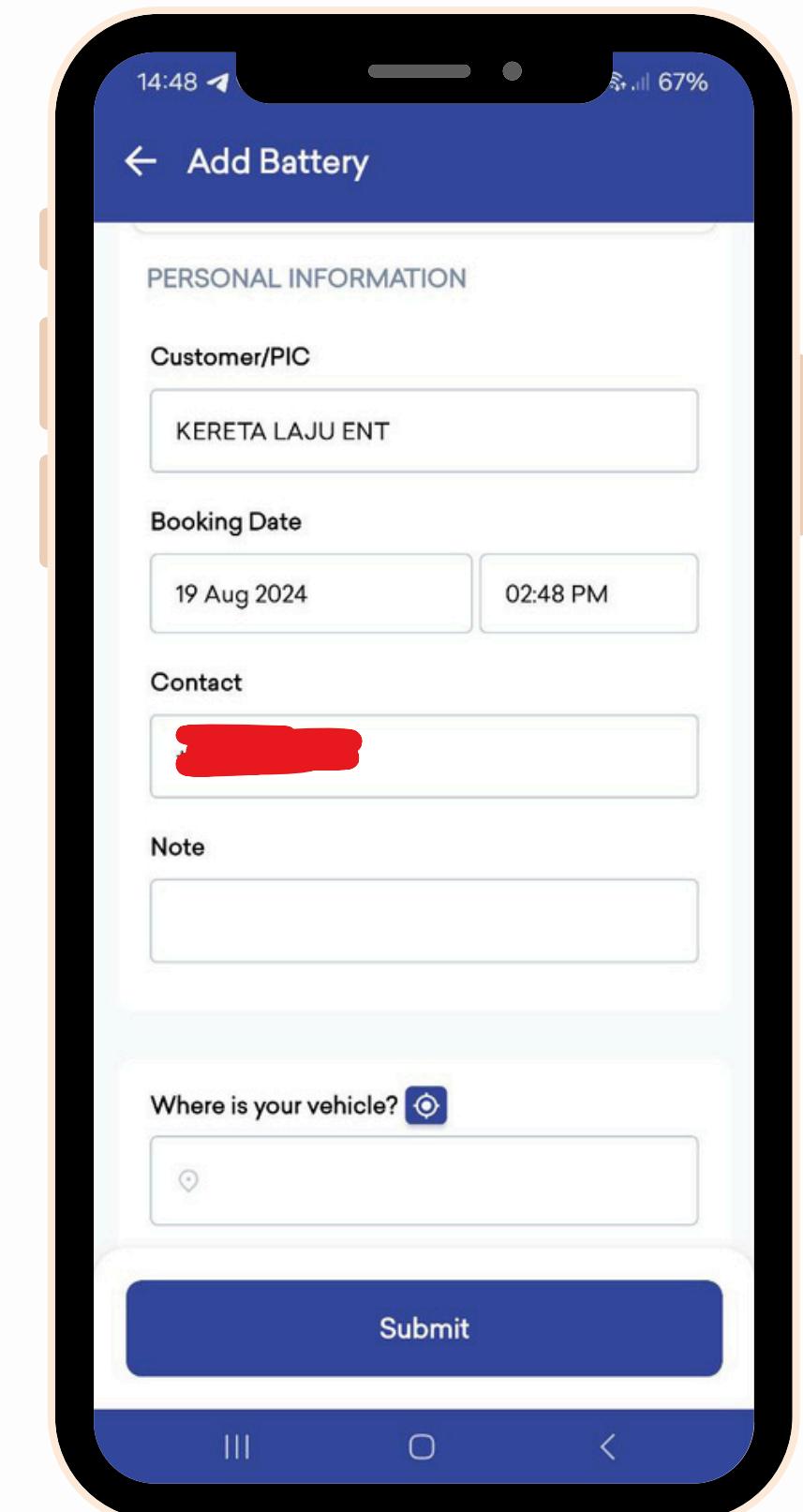
Display user selection

# Personal Information

This section allows user to key in the necessary information like customer/PIC name and contact, their desired booking date and time as well any note for their order.

New things that I learned inside this section:

- Android date and time picker library



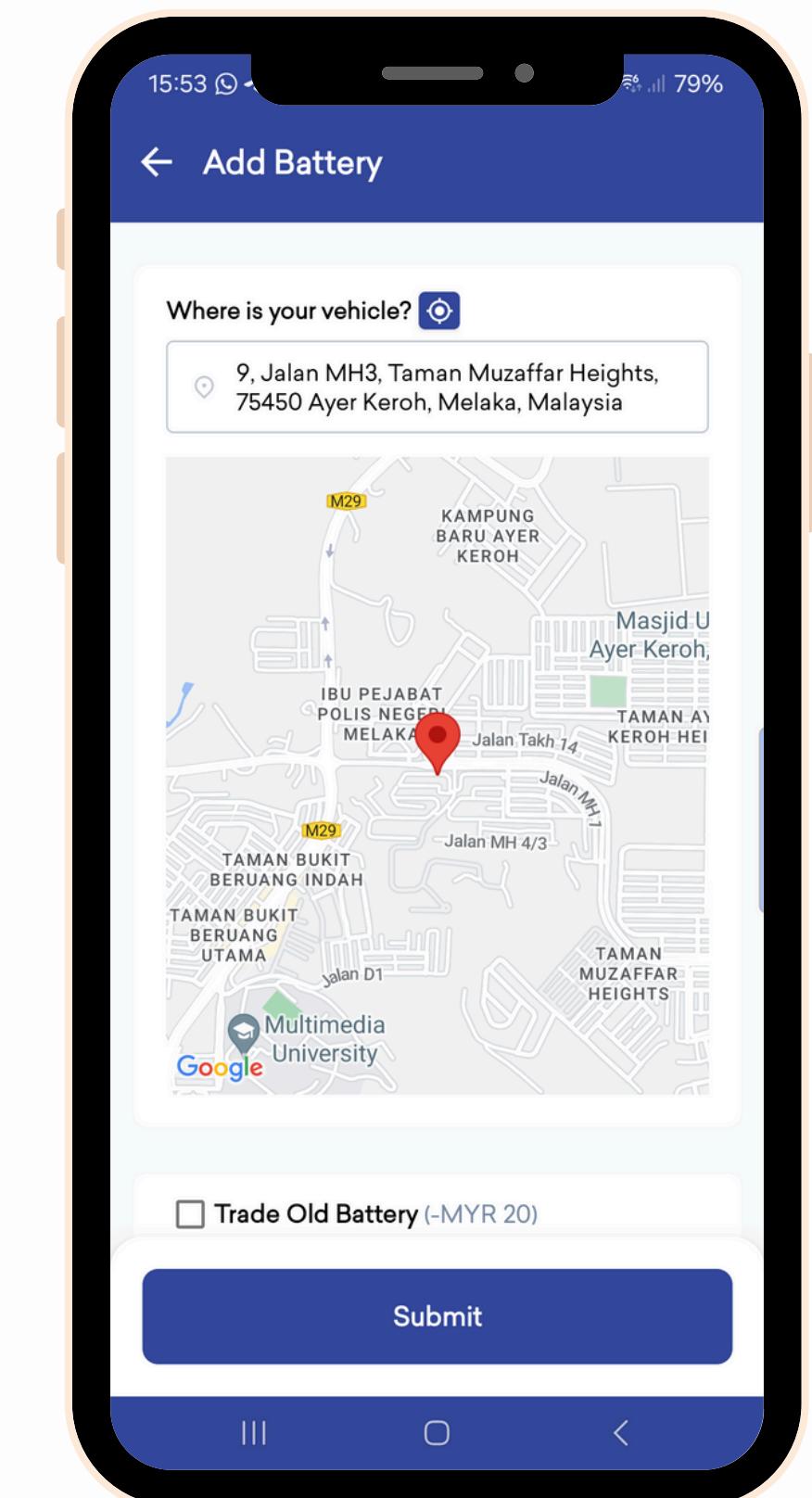
Personal information forms

# Vehicle Location

This section is where user can key-in their vehicle location using Google Map API key. User can use the form field to search for their preferred location or they can use the map under the form field.

New things that I learned inside this section:

- Google Map API
- Get user current location using google map



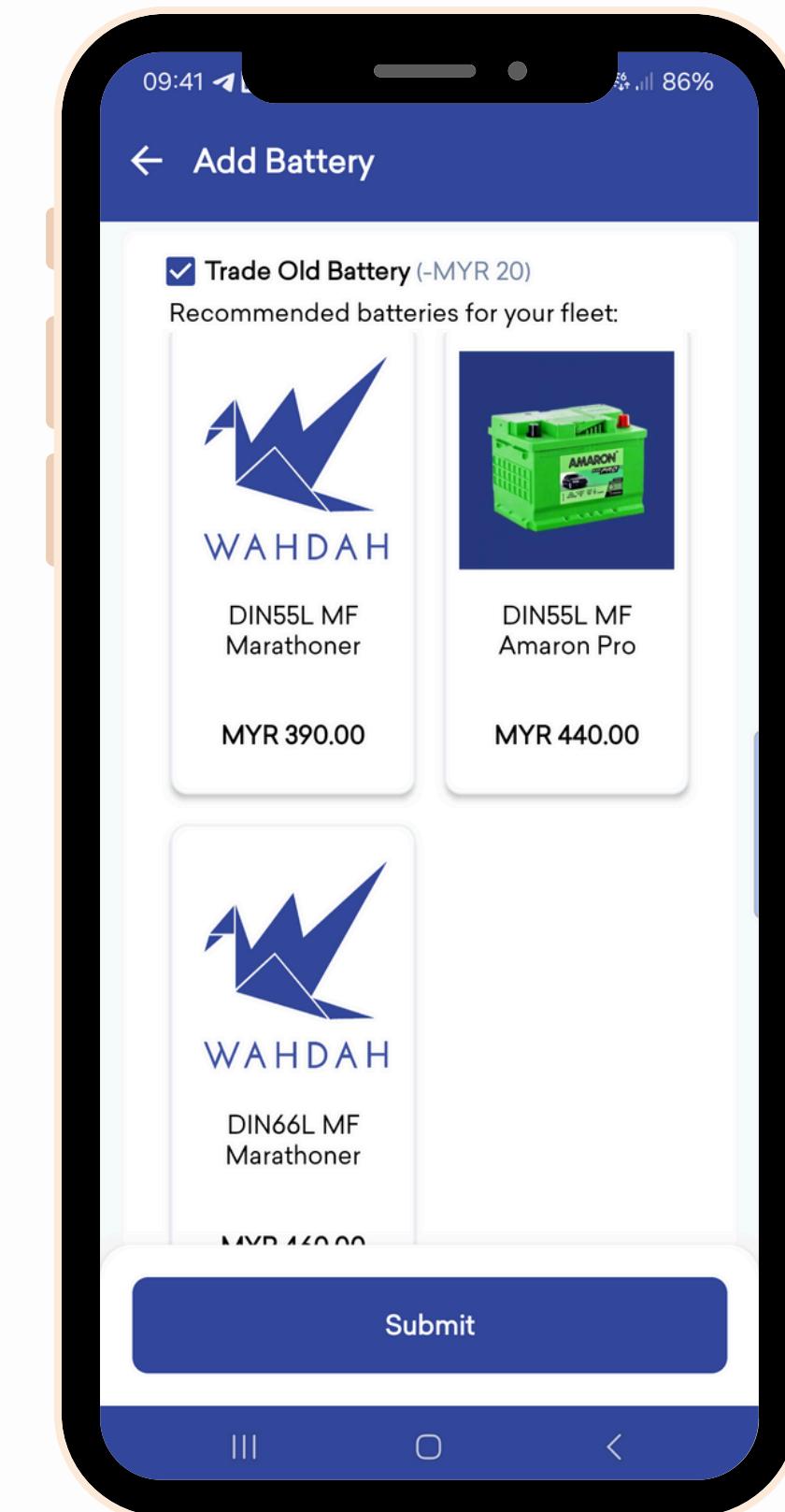
Get user vehicle current location

# Battery List

This section display a list of recommended batteries based on their selected cars.

New things that I learned inside this section:

- Using adapter to call all the battery cards in a list
- Use Picasso image loader library to load images from external URLs



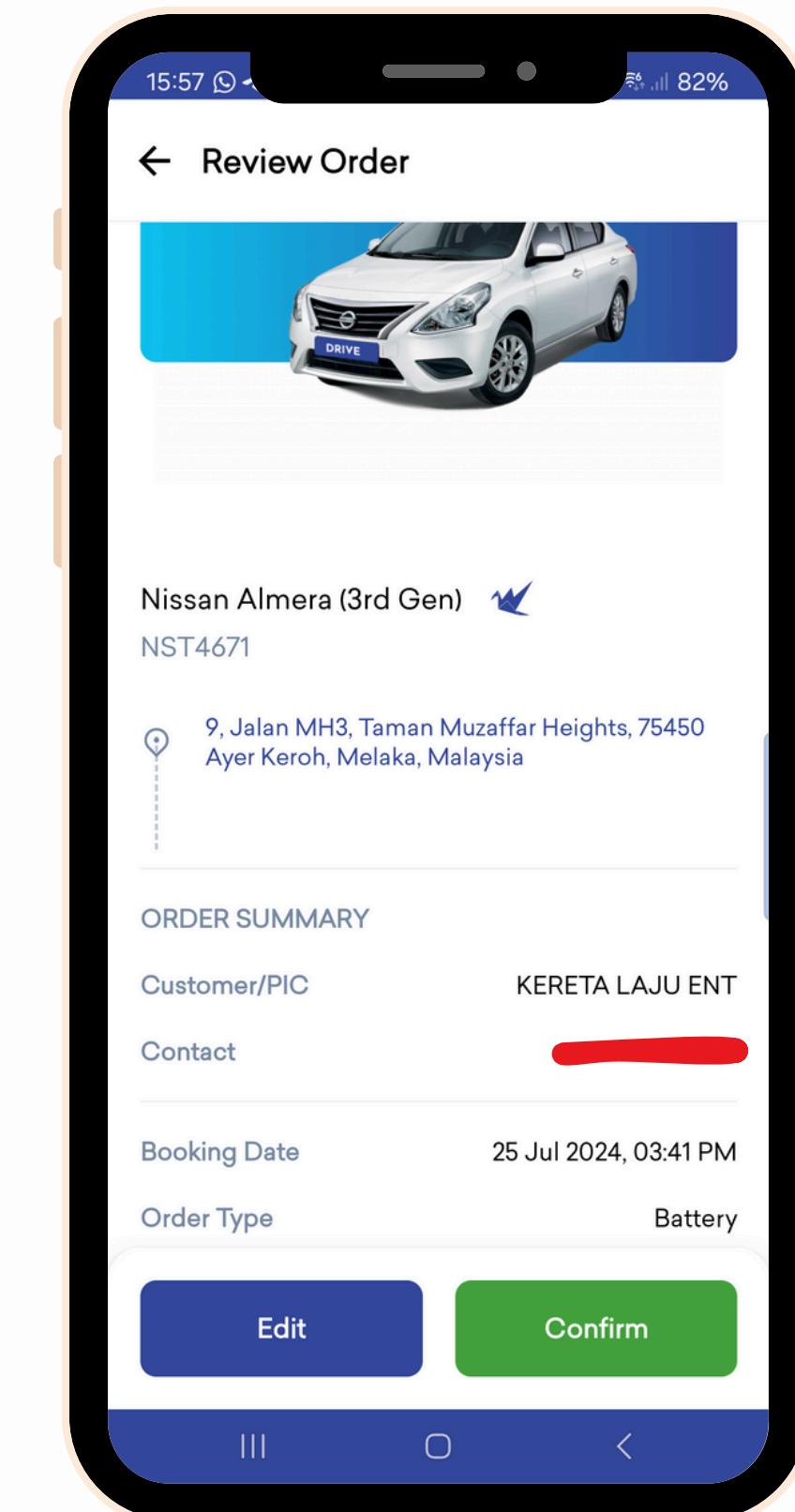
Display recommended battery list

# Review Order

This page allow users to review their order again before they submit their order to processing.

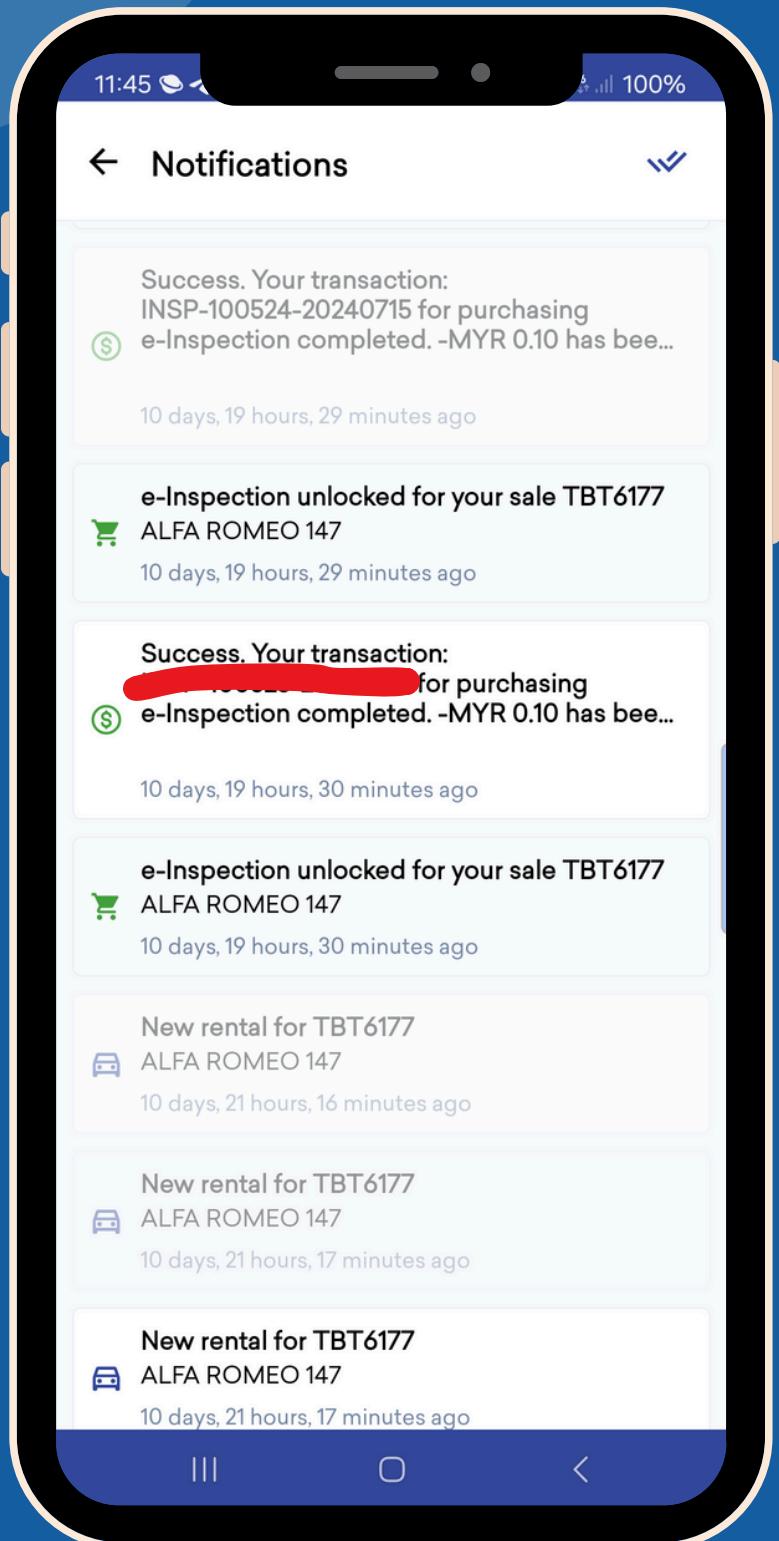
New things that I learned inside this section:

- Passing objects to another page
- Redirect user to the google map from DRIVE Application

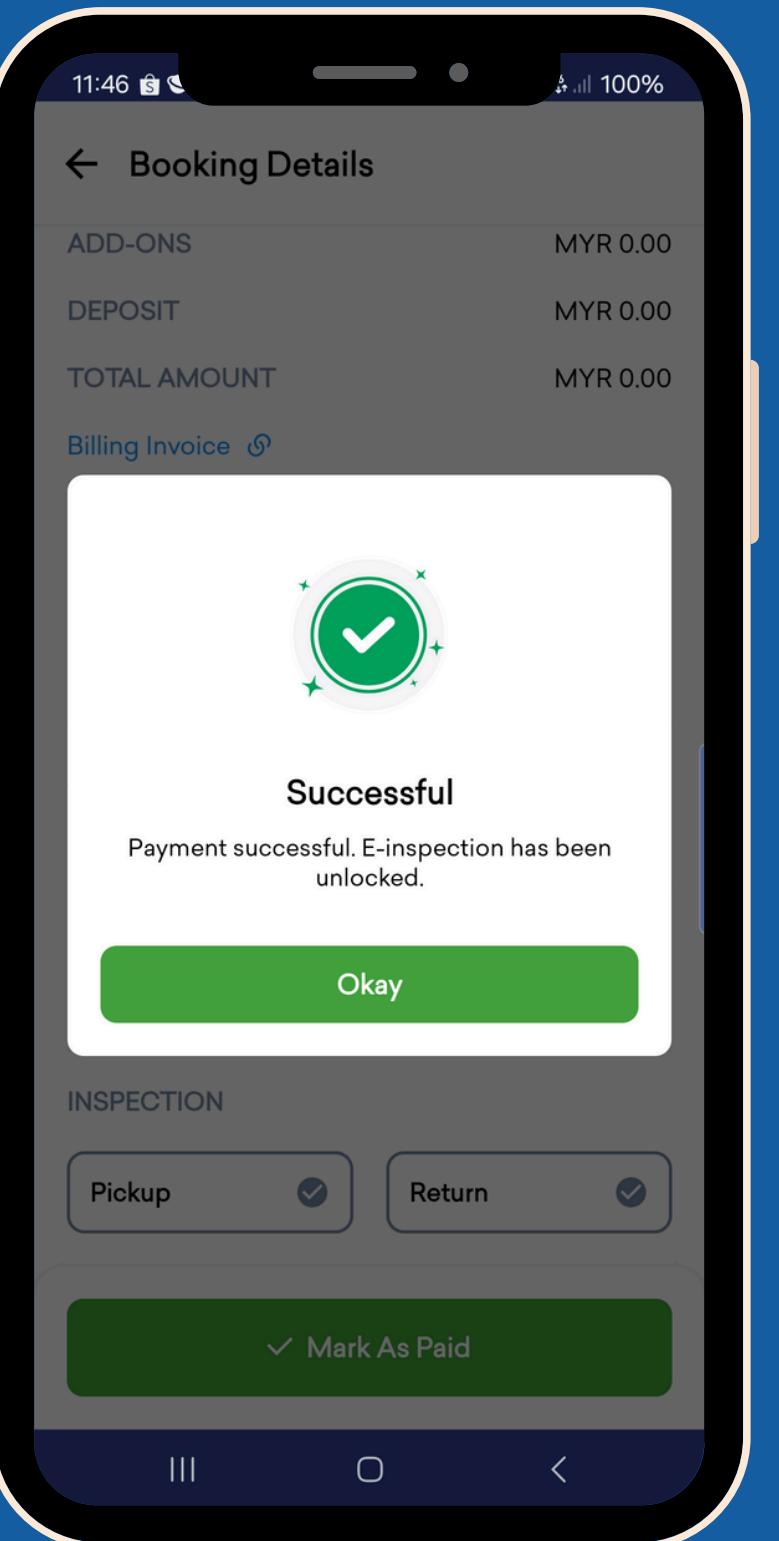


Review order page

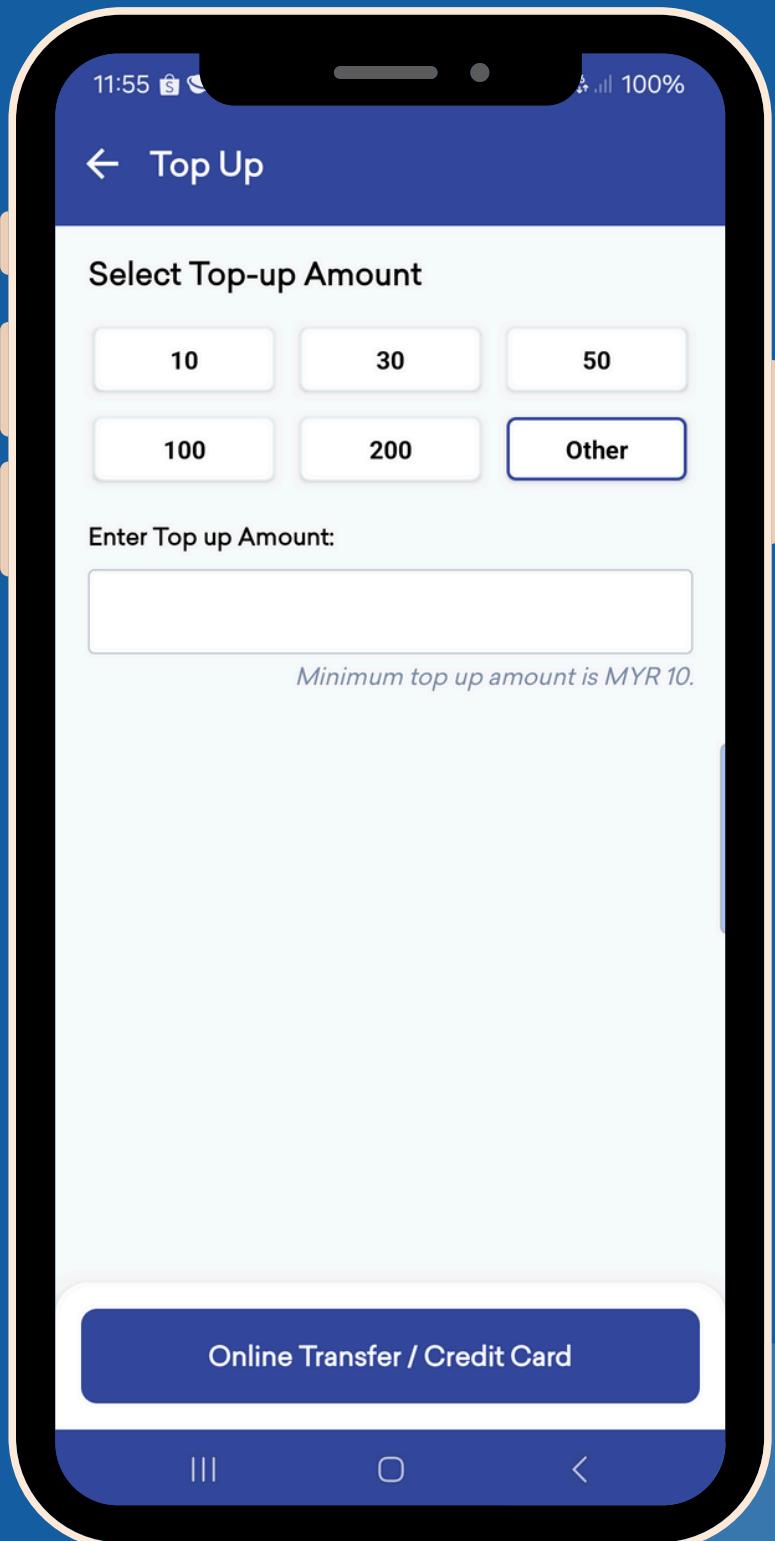
# Update existing code



Added more notification lists

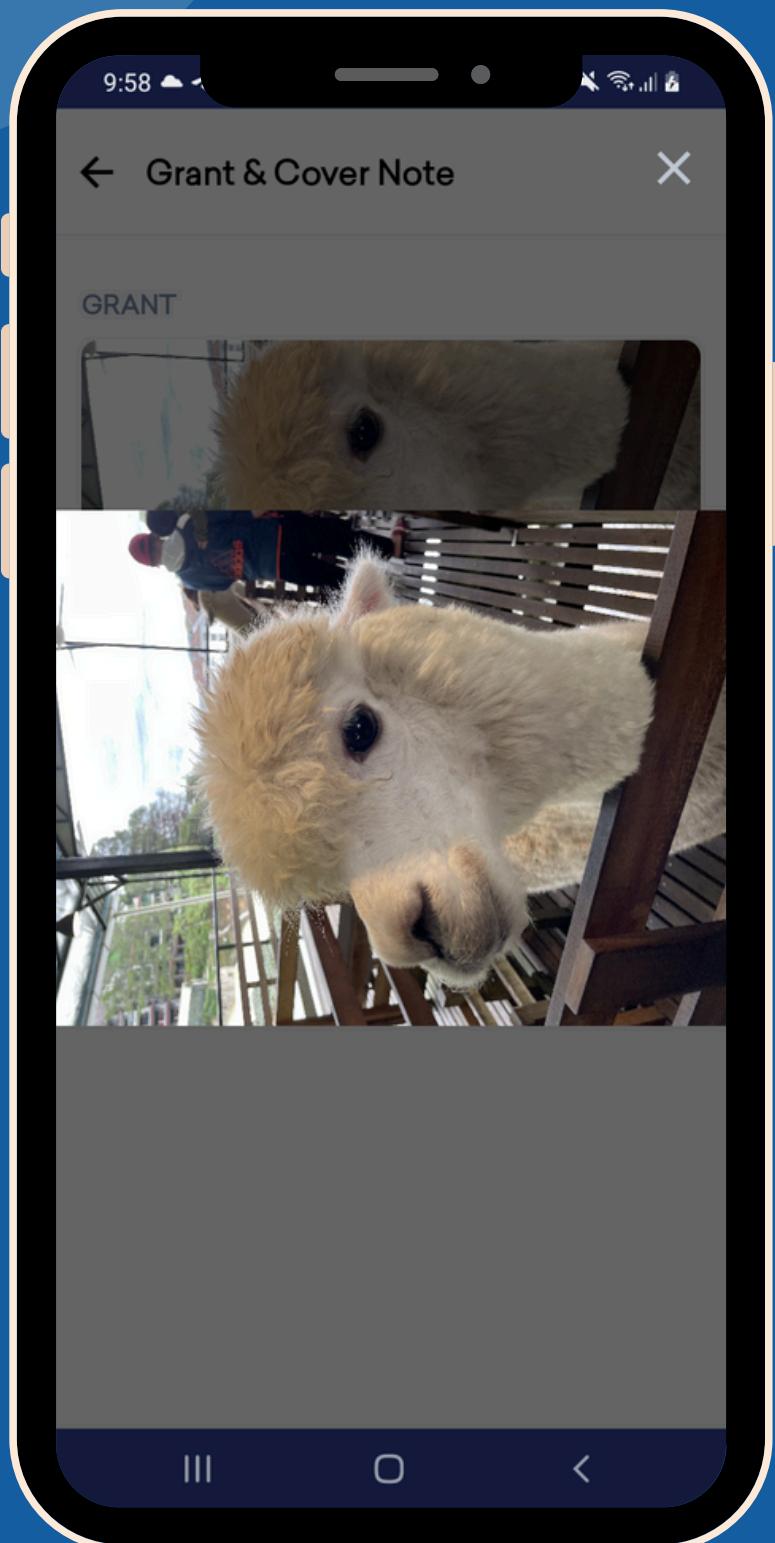


Added unlock e-inspection code

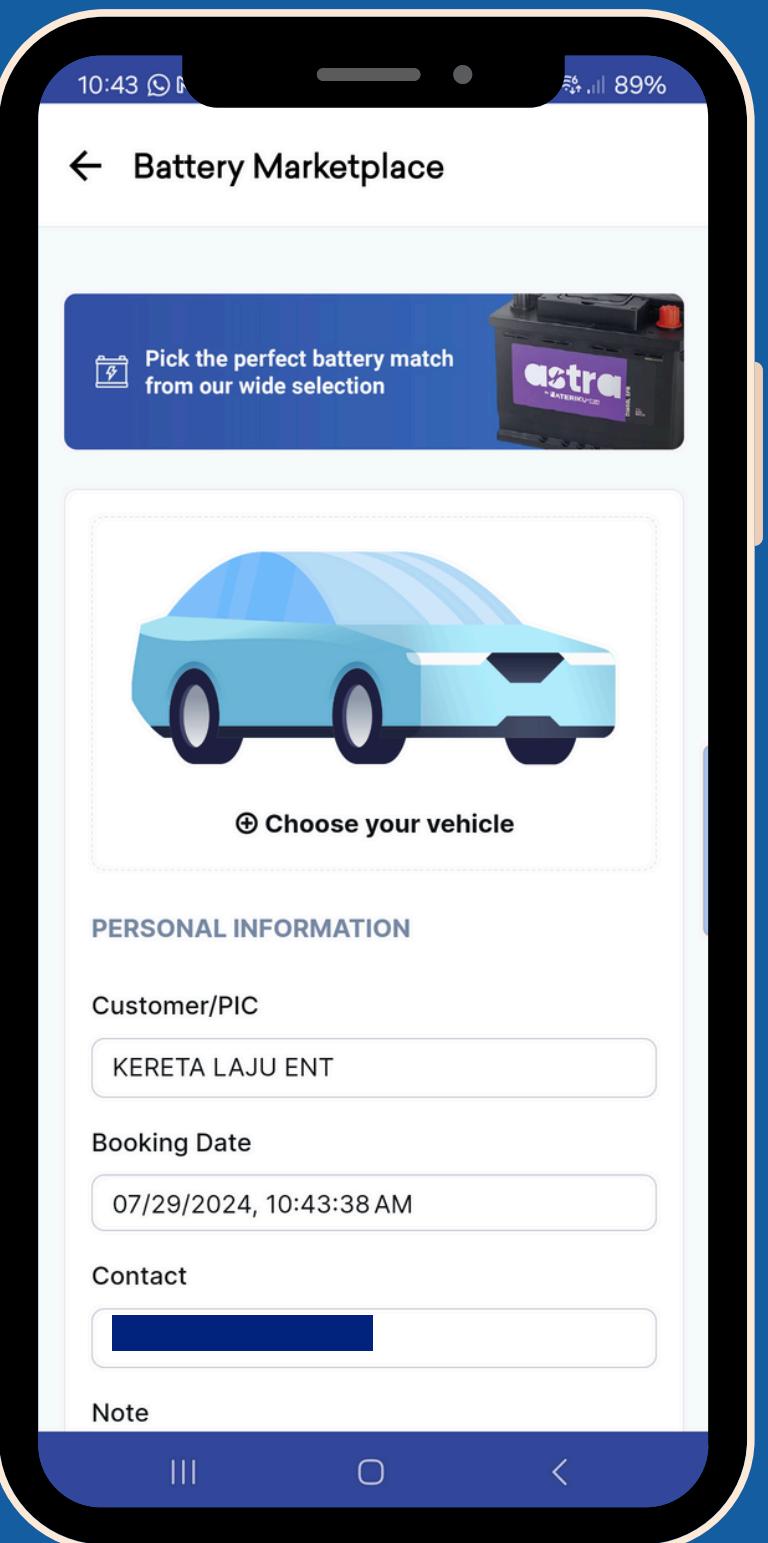


Added WaCash top up page

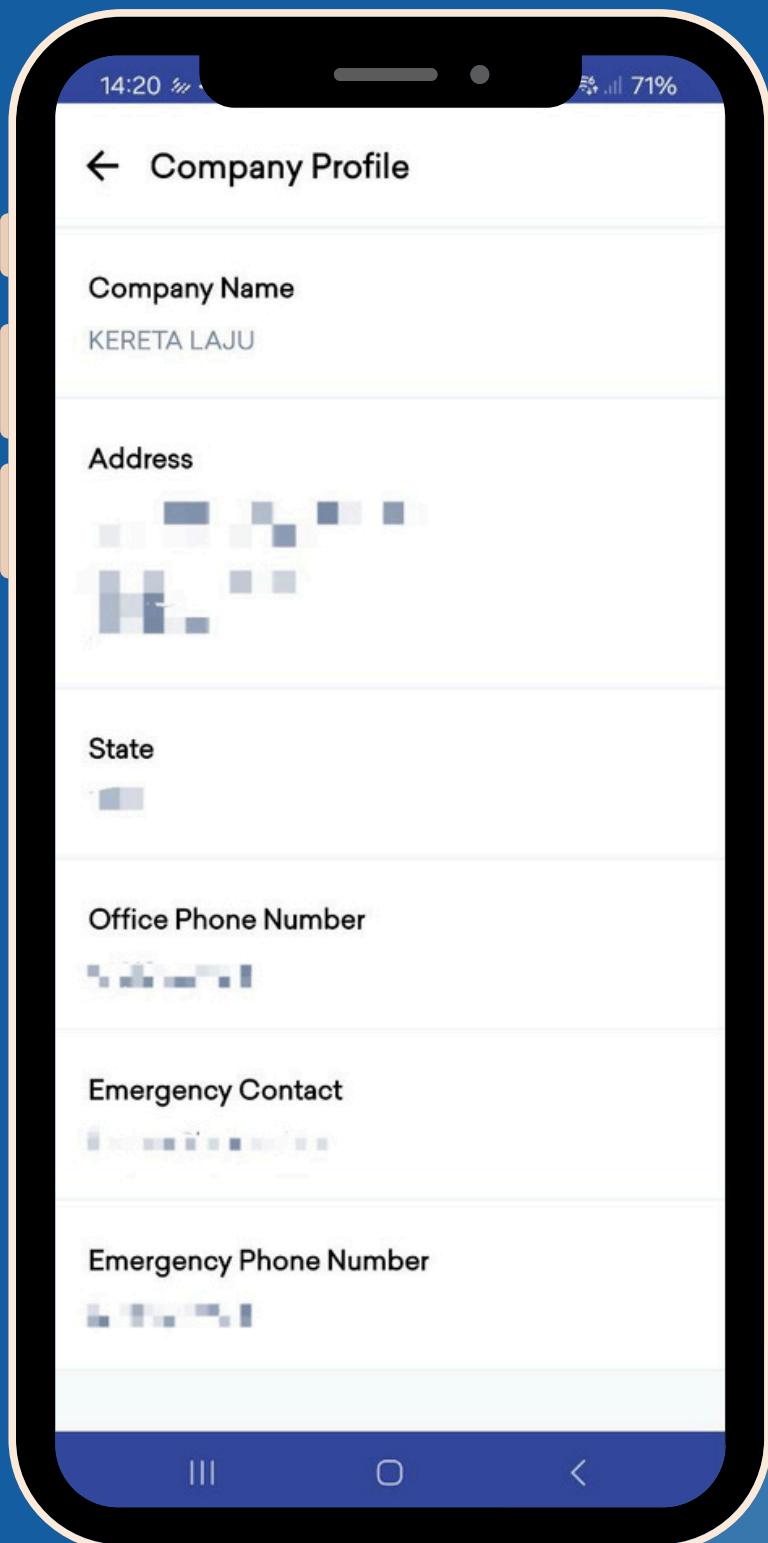
# Update existing code



Update pop up images



Improve WebView user interface



Update user interface for  
company profile and bank  
information page

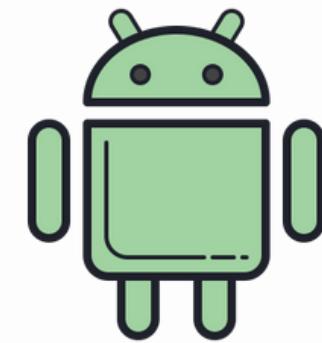
# LESSON LEARNT

# Knowledge Gained



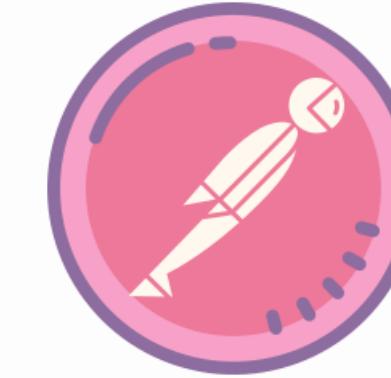
## Figma

Proposed designs to company's supervisor before developing order battery page for DRIVE application.



## Android OS

Learned and explored the fundamentals of native Android application development using Android Software Development Kit (SDK).



## Postman API

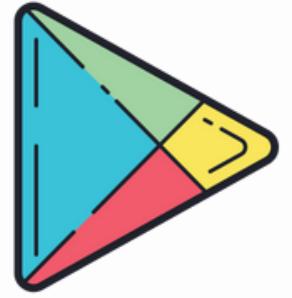
Given a chance to understand how to implement APIs inside of DRIVE application to make it more dynamic and efficient.

# Knowledge Gained



## Github

Collaborated and implemented best practice of developing an application using version control.



## Play Store

Was given a step by step module on how to push current update to the play store monitored by senior programmer.

# Skills gained



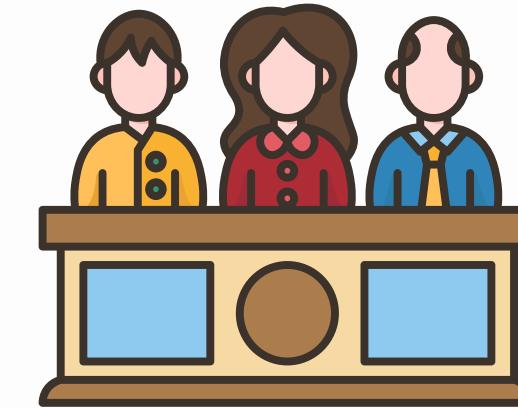
## Debugging

Understand what each line of code is doing in order to solve a certain problem.



## Public speaking

Participated in WAHDAH Monthly Sharing session.



## Event management

Become one of the committee members for the WAHDAH Raya Celebration.

# LIFE AT WAHIDAH





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# THANK YOU!

