

# WeGoo Mobile Application

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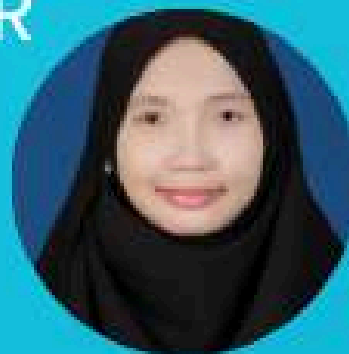
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# WEGOO MOBILE APPLICATION ORGINAZATION CHART

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TESTER



# INTRODUCTION

WeGoo is a modern car rental application designed to make renting and managing vehicles easier, faster, and more reliable. With a simple interface, users can search, compare, and book cars that match their needs and budget. The app also integrates OpenCV technology to improve user experience through smart image detection features. By connecting users with trusted rental services, WeGoo provides a convenient, efficient, and intelligent solution for today's mobility needs.





# PROBLEM STATEMENT



1

**Lack of proper  
digitized mobile  
application**



2

**Existing system may  
not offer reliable  
booking with  
integrated payment  
features.**



3

**Several apps ignore  
the use of advanced  
technologies like  
OpenCV to detect  
vehicle damages  
accurately.**

# OBJECTIVE

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1

**To develop a car  
booking and  
management mobile  
application called  
WeGoo.**



2

**To provide reliable booking,  
comparison, and payment  
features**



3

**To test the  
functionality of the  
application and the  
OpenCV scratch  
detection feature**

# PROJECT FEATURES

1

**Login & Sign Up (both admin and user)**

- **Allows both users and admins to create accounts and securely access the system with personalized roles and permissions.**

2

**Booking System**

- **Enables users to easily select, reserve, and confirm vehicle rentals through a fast and streamlined booking process.**

3

**OpenCV Powered**

- **It uses advanced image processing to automatically detect and highlight vehicle scratches or damages, giving users a faster, more accurate, and transparent way to check car conditions before and after rentals.**

4

**Search and Filter**

- **Allows users to quickly find vehicles based on specific criteria such as type, price, availability, or features, making the selection process faster and more convenient.**

5

**Build in Google Maps**

- **Integrates Google Maps to help users locate rental vehicles, view routes, and navigate to pick-up or drop-off points easily.**

# GUI

## Sign up

4:21 AM Tue, Nov 18

Create Account

Full Name

Email Address

Password

Confirm Password


SIGN UP

Already have an account? Login

## Homepage

WeGoo Vehicles

Search car type...




TOYOTA VIOS 1.5

compact

80

Book Now

Compare




Booking

History

Profile

## Booking

Booking



TOYOTA VIOS 1.5

compact

RM 80.00

Booking Details

Your Name

Phone Number

Booking Date

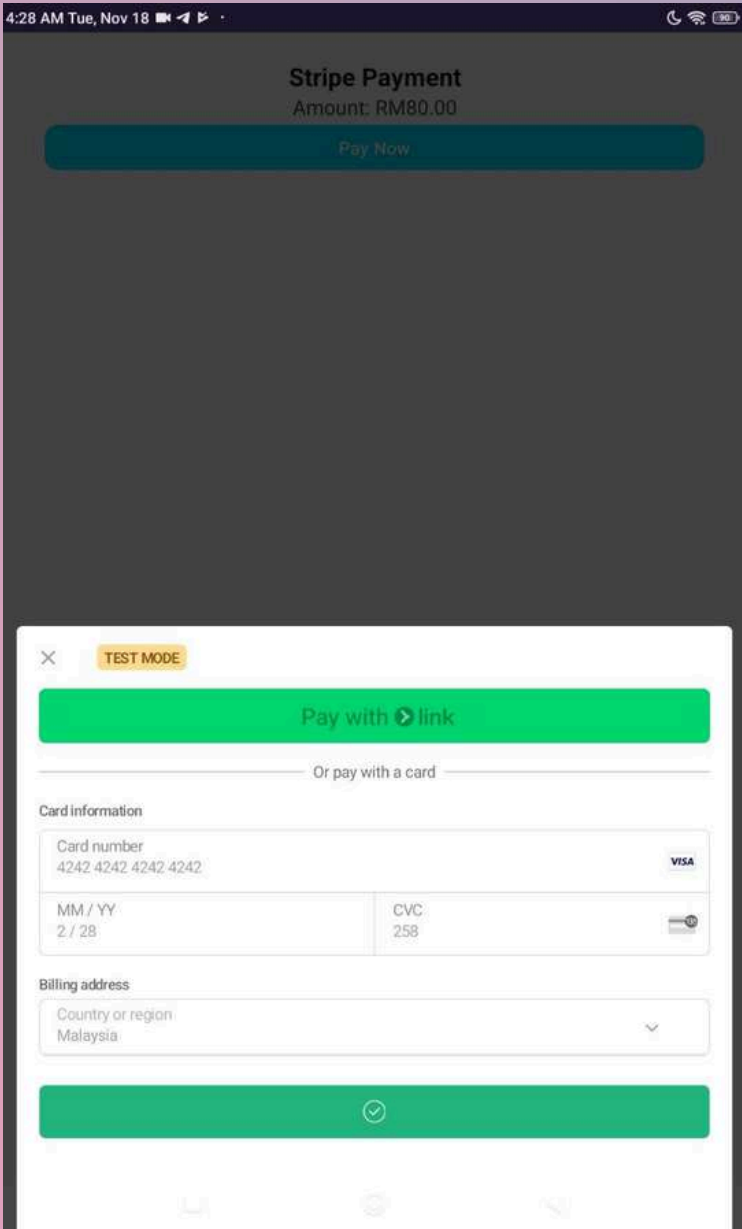
Booking Time

Confirm Booking

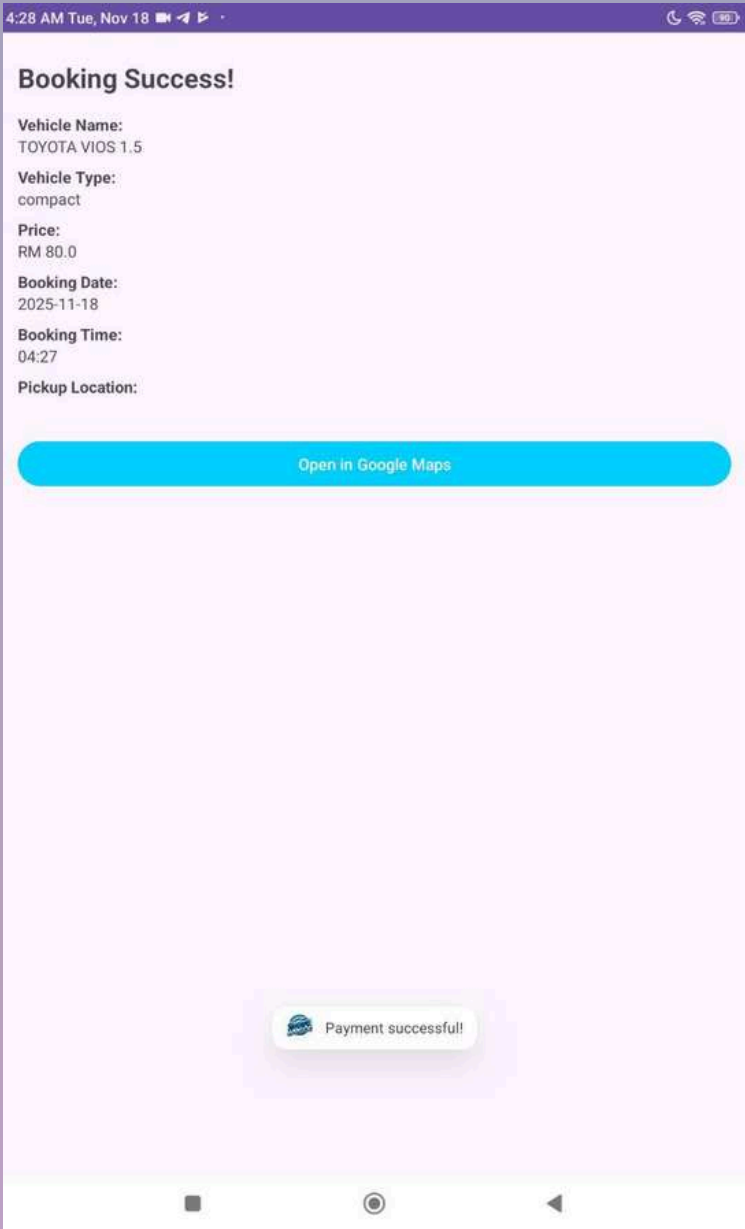


# GUI

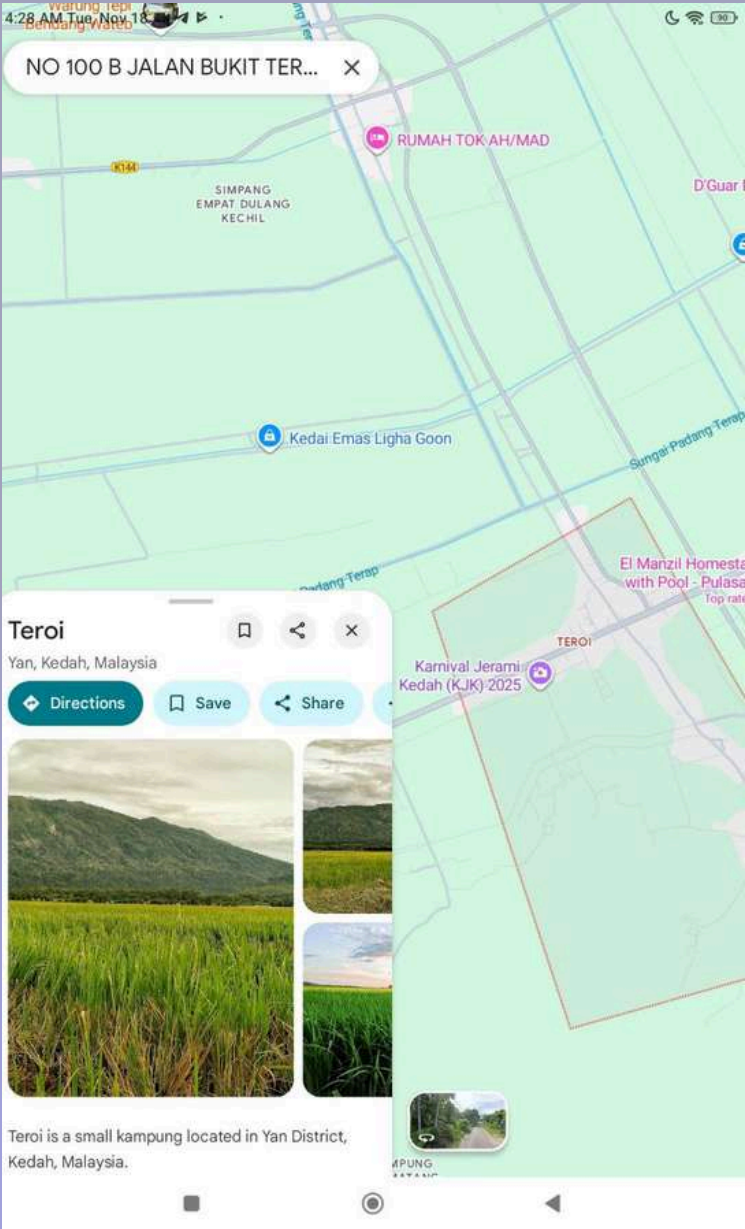
## Payment Gateway



## Booking Result



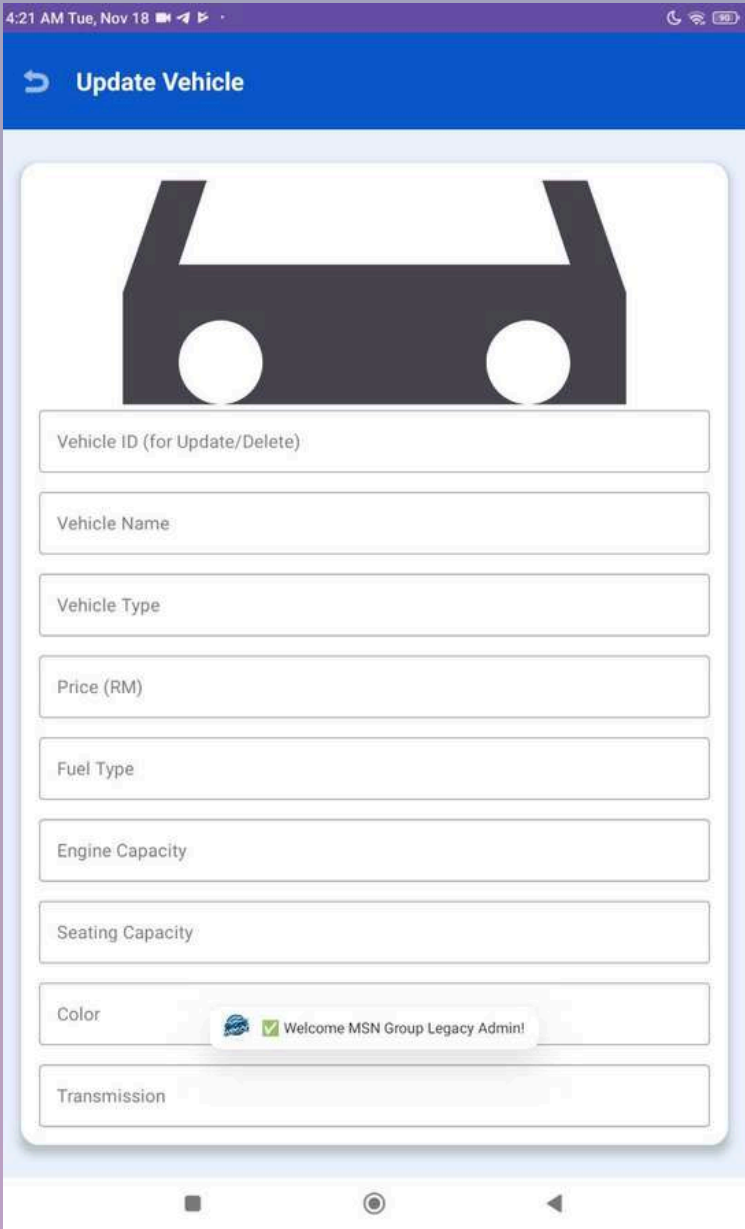
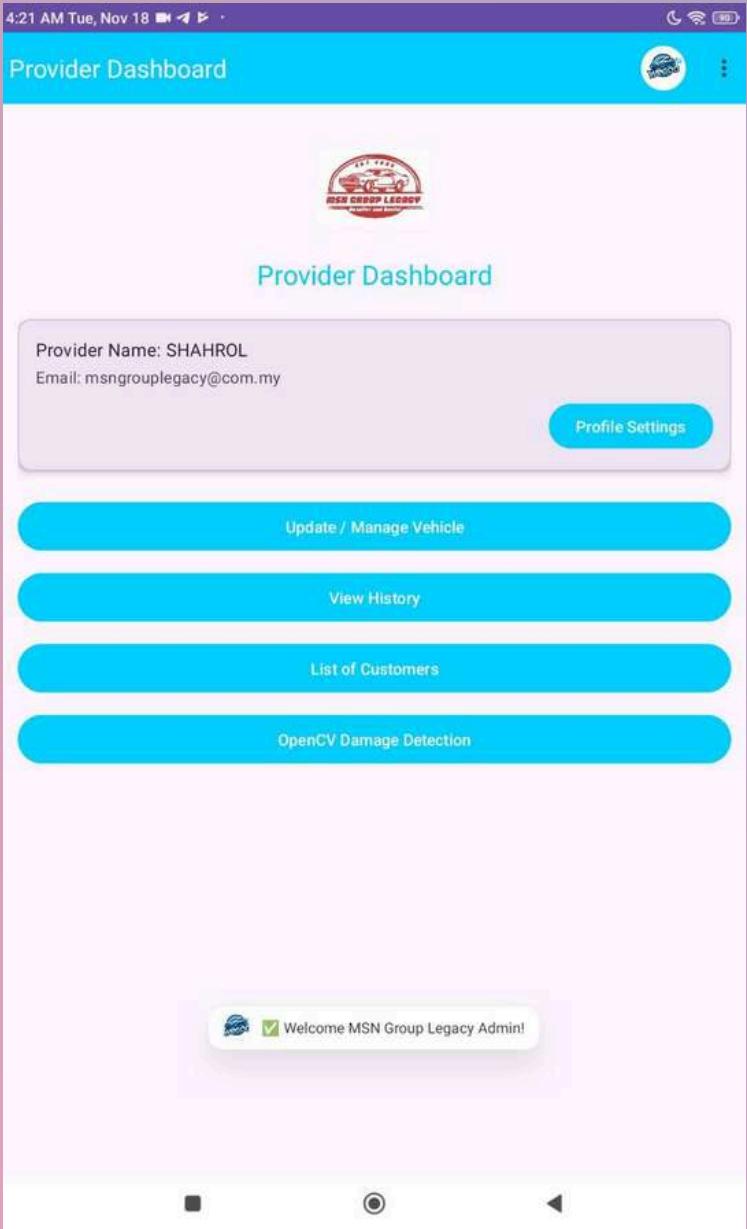
## Google Map



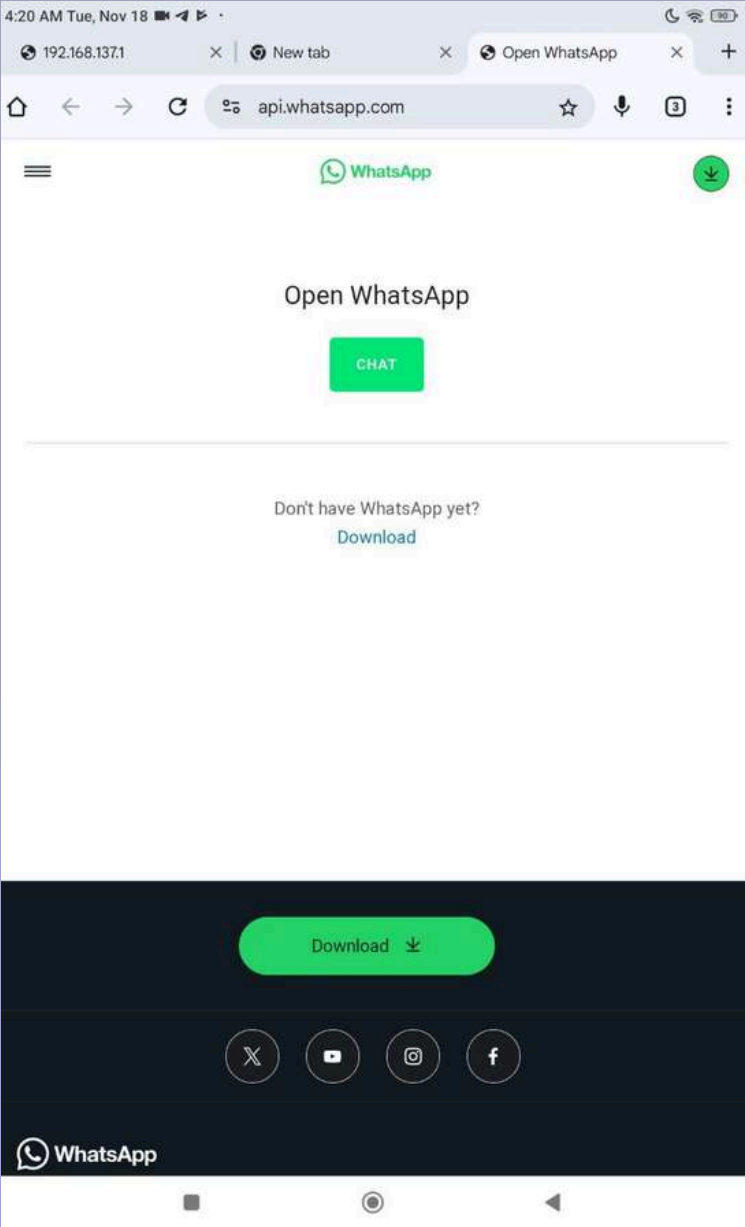
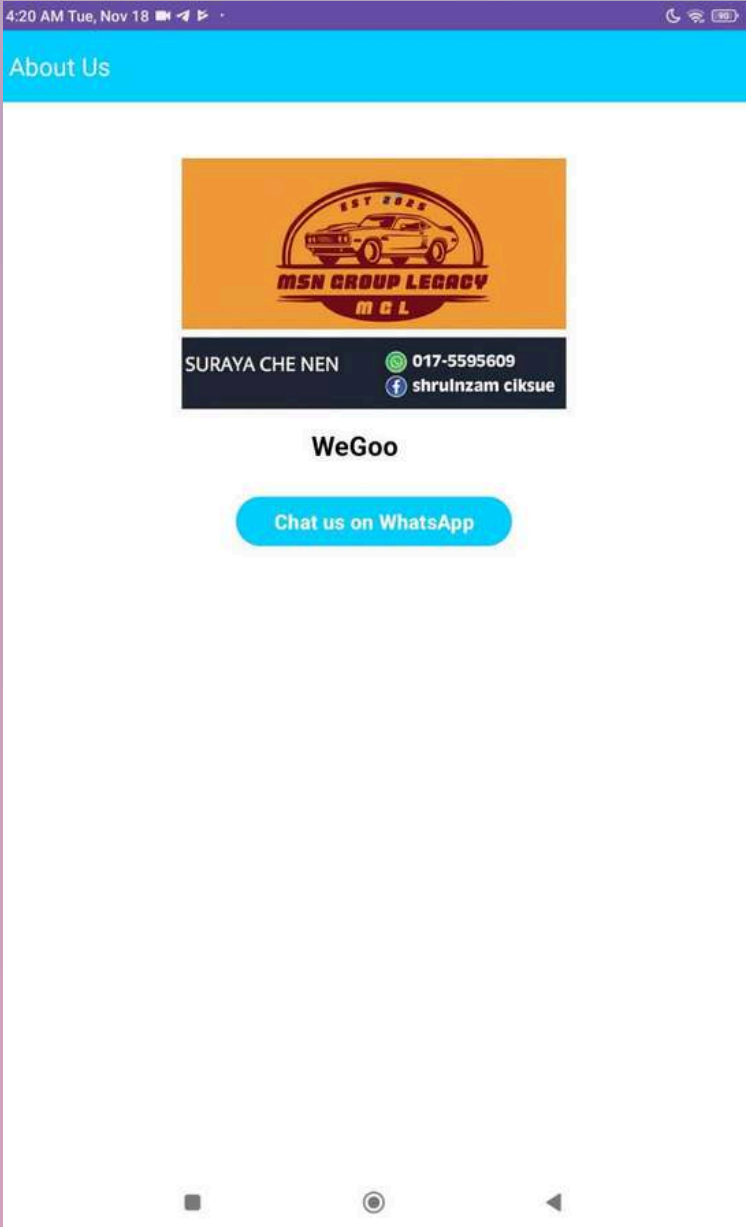


# GUI

## Provider management



# GUI



# TESTING



**Postman is a simple and user-friendly tool used for testing APIs. It allows developers to send requests to a server and instantly view the responses. With Postman, you can check if your backend system is working correctly, test different inputs, and make sure your application communicates with the server as expected. It also helps in identifying errors quickly, making the development and debugging process easier and more efficient.**