



**Faculty of Computer and Mathematical Science
UiTM MELAKA KAMPUS JASIN**

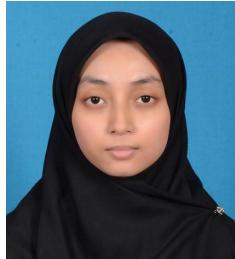
MOBILE PROGRAMMING REPORTS

SEMESTER	: MARCH 2023 – AUGUST 2024
COURSE NAME	: MOBILE PROGRAMMING CSC557
LECTURER	: MADAM NOR AZIDA MOHAMED NOH azida632@uitm.edu.my
SYSTEM NAME	: CAR RENTAL PICKUP MOBILE APPLICATION
PROGRAM NAME	: BACHELOR OF COMPUTER SCIENCE (HONS.) MULTIMEDIA COMPUTING (CDCS253)
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1. TEAM PROFILE

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2. PROBLEM STATEMENT

The current car rental process is inefficient, requiring customers to fill out extensive information about car availability and price. The lack of detailed information can deter customers from renting, especially in busy areas or peak travel seasons. A mobile application could help streamline the process, enhance customer satisfaction, and enable efficient management for administrators. Implementing such a system can help improve efficiency and satisfaction for customers.

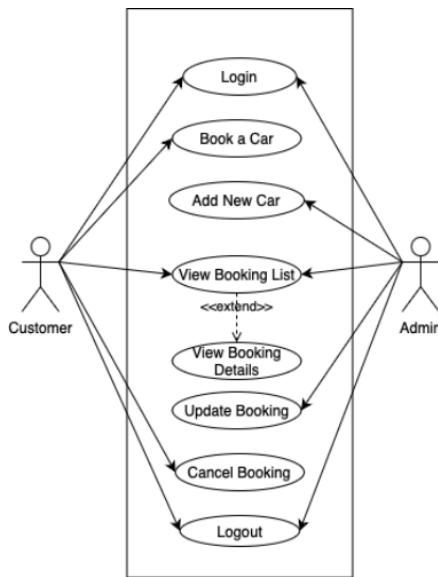
3. OBJECTIVES

The Car Rental PickUp Mobile Application aims to provide a user-friendly interface for car rental users, reducing errors and streamlining the customer journey. It

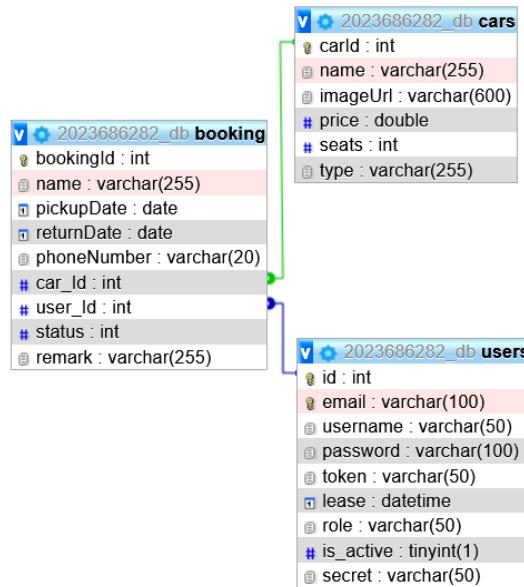
should display real-time vehicle availability, prices, and specifications, enabling informed decisions. This efficiency can increase sales and revenue.

The app also streamlines the process for administrators, enhancing operational efficiency. Administrators can easily update bookings, add new cars to the fleet, and manage inventory through a simple interface. This improves admin response, customer experience, and enables them to focus on service quality and business growth.

4. USE CASE DIAGRAM

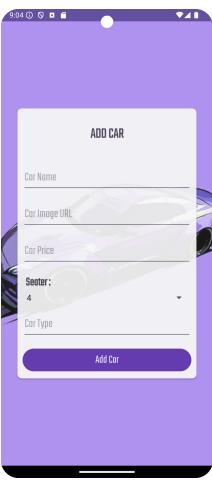
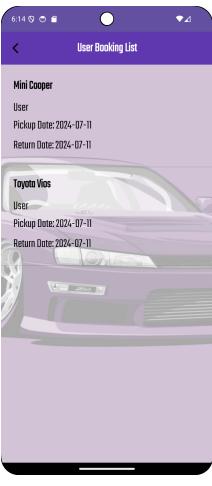


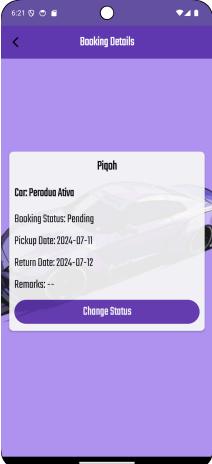
5. DATABASE DESIGN



6. USER MANUAL

	<p>The user will meet with the Login page for the Car Rental PickUp Mobile Application. Admin and Customer will gain access to different pages according to their roles.</p>
	<p>This is the main page for Customer access. Customers can browse the list of cars available for rent, along with the price, and seater type. Pressing the vertical ellipsis, “:”, can prompt user to report bug and Logout. The hover list button will direct Customer to the Booking List Page.</p>
	<p>Pressing on the car entry will direct the Customer to a Booking Form Page to fill the booking information and remark to the Admin. “Book Car” button will direct back to the customer's main page.</p>

	<p>This is the main page for Admin access. Admin can browse the list of cars available and add a new car item by pressing the hover Add Button. Pressing the “Delete” Button will remove the car from the list. There’s a hover list button above the Add Button that takes Admin to the Booking List Page. Pressing the vertical ellipsis, “:”, can prompt user to report bug and Logout.</p>
	<p>Upon pressing the floating Add Button, Admin will be directed to a form for filling the new car information.</p>
	<p>Upon pressing the floating List Button in both user main pages, both Admin and Customer can view Booking List and long presses to the booking entry can prompt to view Booking Details.</p>

	
	<p>For the Admin Booking Details Page, Admin may change booking status by pressing “Change Status” Button whether it’s “Pending” or Confirmed”.</p>
	<p>For the Customer Booking Details Page, Customer may cancel previously made bookings by pressing the “Cancel Booking” Button. The entry can only be canceled if the entry status is “New”.</p>