



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

**BACHELOR OF COMPUTER SCIENCE
(DATA ENGINEERING)**

SECP 3723: SYSTEM DEVELOPMENT TECHNOLOGY

SEMESTER 20222023 – 1

SECTION 01

**INDIVIDUAL PROJECT REPORT: CAR BOOKING
SYSTEM**

NAME	:	MIKHAIL BIN YASSIN
MATRIC NO.	:	A21EC0053
IC NO.	:	020706120775
PHONE NUMBER	:	0128871846
EMAIL	:	mikhail@graduate.utm.my
TRAINER/LECTURER	:	PROF. MADYA. DR HAZA NUZLY

Website Link: <https://mikhailbinyassin.000webhostapp.com/car-ee/>

System Introduction	3
System Design	3
Entity Relationship Diagram (ERD)	Error! Bookmark not defined.
Use Case Diagram	3
Development Software	4
Language and Tools	4
Database design	Error! Bookmark not defined.
Development Steps	Error! Bookmark not defined.
Localhost setup	13
User Credentials	14

System Introduction

The car booking system enables consumers to reserve a car for a set amount of time. Users of the system can choose a car from a list of available cars, specify the rental duration, and make a reservation. They can also revoke the reservation and their profile was updated. To avoid conflicting with the time rent for a particular car, the admin must first approve or reject the booking once the consumer has booked it. Other than that, the admin has the power to add, edit, and remove cars from the list. Customers can find and reserve a car with the help of a car booking.

System Design

Use Case Diagram

Development Software

phpMyAdmin	phpMyAdmin is a web-based tool used to manage MySQL databases. It provides a user-friendly interface for performing database operations such as creating tables, inserting data, executing SQL queries, and more. I use phpMyAdmin to interact with a MySQL database that is used by my website.
XAMPP	XAMPP includes the Apache HTTP Server, PHP, and MySQL. It provides a local development environment for building dynamic websites and web applications. XAMPP allows me to run PHP scripts and access a MySQL database on my computer, which is useful for testing and development purposes. With XAMPP installed, I can use Visual Studio Code to write code and preview the results in a web browser without the need for a live webserver.
FileZilla	FileZilla is an open-source FTP (File Transfer Protocol) client that allows me to transfer files between my computer and a web server. FTP is a widely used protocol for transferring data to and from web servers. To make my website accessible to everyone with an Internet connection, FileZilla may be used to transfer the website's files and other assets to a live web server.

System Interface

Landing page

ABOUT US

SERVICE

A

O


D

E

DRIVE

RENT

JOIN US



EXOTIC CARS FOR THE NEW GENERATIONS




Exotic cars have been a symbol of luxury and status for generations, and the new generations are no exception. With the latest advancements in technology and design, exotic cars are more accessible than ever. Whether it's for a special occasion or just for the thrill of the ride, renting an exotic car is a unique and exciting experience that is sure to leave a lasting impression. Our vintage car rental service offers a wide selection of the latest exotic cars for the new generations, including sleek sports cars, powerful supercars, and some of the most expensive cars in the world. So why settle for a mundane ride when you can drive a piece of history and make memories that will last a lifetime? Book your exotic car rental today and experience the thrill of driving a one-of-a-kind vehicle.

ANTIQUE DOMESTIC AUTOS

When it comes to American vintage cars, there is no shortage of choices. From classic muscle cars to elegant convertibles, there is something for everyone. Perhaps the most popular choice is the Ford Mustang, which has become a symbol of American automotive excellence. Other popular choices include the Chevrolet Camaro, the Dodge Challenger, and the Plymouth Road Runner. No matter what your taste, there is an antique domestic car that will suit you perfectly. Book your rental today and experience the joy of driving a piece of American history.

IMPORTED ANTIQUE CARS

When it comes to imported vintage cars, there is no shortage of choices. From classic European sports cars to elegant convertibles, there is something for everyone. Perhaps the most popular choice is the Ferrari 250 GT, which has become a symbol of Italian automotive excellence. Other popular choices include the Mercedes-Benz 300 SL, the Jaguar XK150, and the Aston Martin DB2. No matter what your taste, there is an imported antique car that will suit you perfectly. Book your rental today and experience the joy of driving a piece of European history.



Login page

ABOUT US

SERVICE

O

A

D

REGISTER

RENT

JOIN US

Sign In

User ID

Password

Log In

car-re Kota Belud
89157 Kota Belud
Sabah, Malaysia - info@domain.com

Designed by *Yobo*

Register page

ABOUT US

SERVICE

O

A

D

REGISTER

RENT

JOIN US

Sign In

User ID


Password

Log In


car-re Kota Belud
89157 Kota Belud
Sabah, Malaysia - info@domain.com

Designed by *Yobo*

Customer main page

HOME · BOOK ·  · MANAGE · PROFILE


Welcome Back! Mikhail Yassin



Porsche 356

Lorem ipsum dolor sit amet, consectetur ,
sed do eiusmod tempor incididunt ut labore

· FEATURES CARS ·




LOREM IPSUM

Lorem ipsum dolor sit amet, consectetur ,
sed do eiusmod tempor incididunt

Price €

READ MORE




LOREM IPSUM


Lorem ipsum dolor sit amet, consectetur ,
sed do eiusmod tempor incididunt


Price €

READ MORE




· LATEST CARS ·









car-ee Kota Belud
89157 Kota Belud
Sabah, Malaysia - info@domain.com






Designed by 




Customer booking page


[HOME](#) · [BOOK](#)  [MANAGE](#) · [PROFILE](#)

· ALL AUTOS ·



car-ee Kota Belud
89107 Kota Belud
Sabah, Malaysia - info@domain.com

Designed by 

Modal Title

Vehicle Reg: SAA123




Name: Benz BMW

Price: RM30.00/Day




Start Date


End Date

[Book Now](#)




car-ee Kota Belud
89107 Kota Belud
Sabah, Malaysia - info@domain.com

Designed by 

Customer Booking list page

HOME . BOOK  . MANAGE . PROFILE

LOGOUT

Your Booking List




Triggers on 767px


BOOKING ID	VEHICLE	PICK-UP DATE	RETURN DATE	TOTAL PRICE	STATUS	OPERATION
20	Benz BMW	2023-02-04	2023-02-06	60.00	Received	<div>ModifyCancel</div>

car-ee Kota Belud

89157 Kota Belud

Sabah, Malaysia - info@domain.com



Designed by 

Admin manage booking page

HOME . MANAGE

LOGOUT

 NEW CAR . PROFILE

Manage Booking search anything, table changes triggered at 767px

Search..

BOOKING ID	CUSTOMER	VEHICLE	PICK-UP DATE	RETURN DATE	TOTAL PRICE	STATUS	OPERATION
20	Mikhail Yassin	Benz BMW	2023-02-04	2023-02-06	60.00	Received	<div>Approve</div>

car-ee Kota Belud
89157 Kota Belud
Sabah, Malaysia - info@domain.com

Designed by

Yebo

HOME . MANAGE

LOGOUT

 NEW CAR . PROFILE

Booking Details

Booking ID

20

Customer Name

Mikhail Yassin

Customer Contact

0128871848

Customer Address

Selangor

Vehicle

Sedan

Pickup Date

2023-02-04

Return Date

2023-02-06

Total Price

60.00

Approval

Received

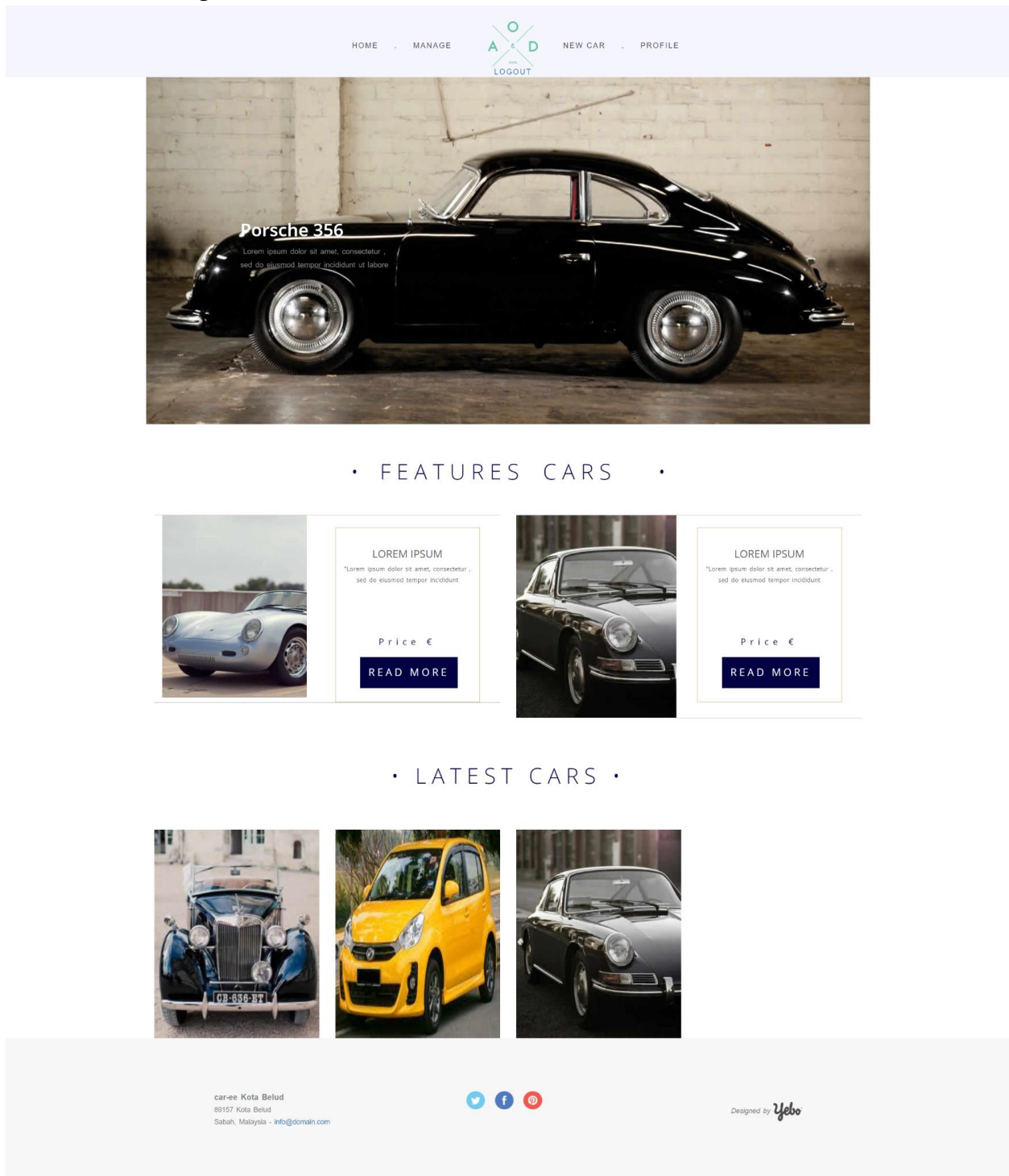
Process

car-ee Kota Belud
89157 Kota Belud
Sabah, Malaysia - info@domain.com


Designed by

Yebo

Admin Main Page



Profile setting

[HOME](#) [MANAGE](#)  [NEW CAR](#) [PROFILE](#)

Profile Setting

User IC

12345

Name

testadmin

Phone Number

0128871846




Address


Sabah Malaysia

Submit


Reset

car-ee Kota Belud
89157 Kota Belud
Sabah, Malaysia - info@domain.com

Designed by 

Admin posting a new car

[HOME](#) [MANAGE](#)  [NEW CAR](#) [PROFILE](#)

Add Vehicle Details

XEE1515

Vehicle Registration Number

Porsche 911

Vehicle Type

Sedan

Vehicle Model

1999

Vehicle Year Make

1000

Vehicle Price Rent: RM

Car Media




Choose File


car2.jpg

Submit

Reset

car-ee Kota Belud
89157 Kota Belud
Sabah, Malaysia - info@domain.com

Designed by 

User Credentials

Admin

User ID	Password
020706120775	Abc123

Customer

User ID	Password
12345	Abc123