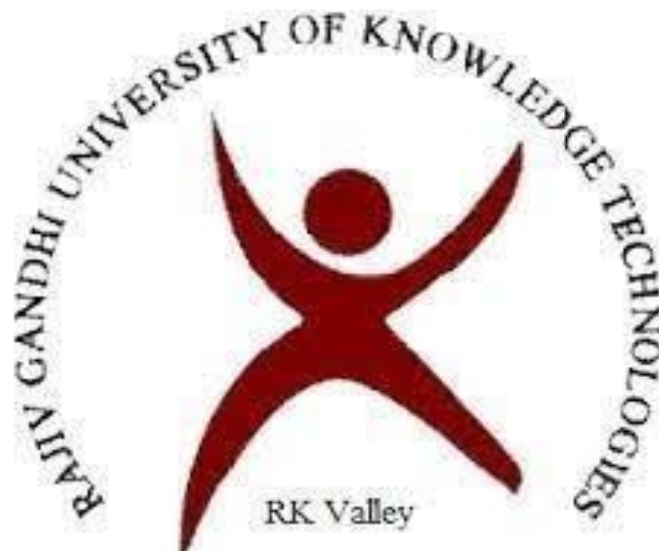


**A**  
**PROJECT REPORT**  
On  
**VEHICLE BOOKING SYSTEM**

Submitted by  
**T. MOHAN BABU - R180641**

Under the Guidance of  
**N. SATYANANDARAM**



**Rajiv Gandhi University of Knowledge and Technologies  
(RGUKT), R.K. Valley, Vempalli(M), Kadapa(D),  
Andhra Pradesh, 516330.**



**Rajiv Gandhi University of Knowledge and  
Technologies (RGUKT), R.K. Valley Vempalli(M),  
Kadapa(D), Andhra Pradesh, 516330**

## **CERTIFICATE OF PROJECT COMPLETION**

This is to certify that I have examined the thesis entitled  
**“VEHICLE BOOKING SYSTEM”** submitted by **T.MOHAN BABU – R180641**,  
under the guidance and supervision for partial fulfilment of  
requirements for the award of degree of Bachelor of Technology  
in Computer Science and Engineering during the academic  
session February 2023 - July 2023 at RGUKT- RK VALLEY.

**MENTOR**

N. SATYANANDARAM

**HEAD OF THE DEPARTMENT**

N. SATYANANDARAM



**Rajiv Gandhi University of Knowledge and  
Technologies (RGUKT), R.K. Valley Vempalli(M),  
Kadapa(D), Andhra Pradesh, 516330**

## **DECLARATION**

I, T. Mohan Babu hereby declare that the project report entitled **“VEHICLE BOOKING SYSTEM”** done under guidance of **Mr. N.Satyanandaram** is submitted in partial fulfilment for the degree of Bachelor of Technology in Computer Science and Engineering during the academic session February 2023 – July 2023 at RGUKT-RK Valley. I also declare that this project is a result of our own effort and has not been copied or imitated from any source. Citations from any websites are mentioned in the references. To the best of my knowledge, the results embodied in this dissertation work have not been submitted to any university or institute for the award of any degree or diploma.

**T. Mohan Babu-R180641**

## ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of the people who made it possible and whose constant guidance and encouragement crown all the efforts success.

I am extremely grateful to our respected Director of RGUKT, RK-VALLEY **Prof.K. SANDHYA RANI** for fostering an excellent academic climate in our institution.

I also express my sincere gratitude to our respected Head of the Department **Mr. N.Satyanandaram** for his encouragement, overall guidance in viewing this project a good asset and effort in bringing out this project.

I would like to convey thanks to our guide at college **Mr. N.Satyanandaram** for his guidance, encouragement, co-operation and kindness during the entire duration of the course and academics.

My sincere thanks to all the members who helped me directly and indirectly in the completion of project work. I express my profound gratitude to all our friends and family members for their encouragement.

With Sincere Regards,  
T. Mohan Babu.

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## **INTRODUCTION**

Now, the most of the peoples are interested towards buying a vehicles. But the peoples are not have much aware of vehicle details. Like vehicle model, milage, price, engine power, fuel capacity, services needed etc. If the people want to know the vehicle details by asking showroom people or others and these all are very clumsy and tough to some people.

Now, we are introducing vehicle booking system website it provides all vehicle details. By these system customer can easily get information about their buying vehicle.

### **Purpose**

The main purpose of vehicle booking system to provide a platform where customer can get details of their buying vehicles and booking the vehicles very easily by seeing vehicle detail s. With the help of this project we are bring the use of technology in the field of vehicle booking & knowing all company vehicle details easily. User can save their time by choosing this application for knowing all details about a vehicle.

### **Scope**

Now, in the market each vehicle company as their own website for their vehicle details. But in our project we are providing all vehicle company details within a single website. It can leads to improve the knowing of vehicle details by customer their own and choose any company vehicle. Customer also can book/request a vehicle for them within our website.

## REQUIREMENT SPECIFICATIONS

### HARDWARE CONFIGURATION :

#### Client Side :

Ram	512 MB
Hard Disk	10 GB
Processor	1.0 GHz

#### Server Side:

Ram	1 GB
Hard Disk	20 GB
Processor	2.0 GHz

### Software requirement:

Front end	HTML, CSS, jquery, JavaScript
Back end	PHP
Database Server	MySQL
Web Browser	Firefox, Google Chrome, or any compatible
Operating System	Ubuntu, Windows
Software	Ubuntu, Windows

## APACHE

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

## PHP

- PHP stands for PHP: Hypertext Preprocessor.
- PHP is a server-side scripting language, like ASP.
- PHP scripts are executed on the server.
- PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is an open source software.
- PHP is free to download and use.

## MySQL

- MySQL is a database server
- MySQL is ideal for both small and large applications
- MySQL supports standard SQL
- MySQL is free to download and use
- How to access MySQL:
- <http://localhost/phpmyadmin>
- MySQL compiles on a number of platforms



## **FUNCTIONAL REQUIREMENT**

### **Register**

Description: First the user will have to register/sign up. There are two different type of users.

The vehicle booking system : The Admin have to provide details about the name of vehicle booking systems ,address, phone number, email id.

Regular person : The user have to provide details about his/her name of Name , Phone Number, email id.

### **Login**

Input: Enter the email number and password .

Output : User will be able to use the features of software.

### **Vehicle Booking**

Input: Enter the vehicle model name and vehicle type .

Output : User will be get a message regarding his/her vehicle booked.

### **Vehicle Request**

Input: Enter the vehicle model name and vehicle type .

Output : User will be get a message regarding his/her vehicle booked.

## **Feedback**

Description: user will may provide feedback on website and his/her experience also.

Input : Enter the user email and phone and feedback.

Output : user get a thankyou message.

## **Manage Vehicle booking system by Admin**

### **View booked vehicles**

Description: admin can view the user booked vehicles.

### **View requested vehicles**

Description: admin can view the user requested vehicles.

### **View feedback from user:**

Description: admin can view the user feedback.

### **View user/client details**

Description: admin can view the user details like username, user email, user phone information.

## **NON-FUNCTIONAL REQUIREMENTS**

- **Usability Requirement**

The system shall allow the users to access the system from the system using any web browsers. The system uses a web browsers as an interface. Since all users are familiar with the general usage of a website, no special training is required. The system is user friendly which makes the system easy.

- **Availability Requirement**

The system is available 100% for the user and is used 24 hrs a day and 365 days a year. The system shall be operational 24 hours a day and 7 days a week.

- **Efficiency Requirement**

Mean Time to Repair (MTTR) - Even if the system fails, the system will be recovered back up within an hour or less.

- **Accuracy**

The system should accurately provide real time information taking into consideration various concurrency issues. The system shall provide 100% access reliability.

- **Reliability Requirement**

The system has to be 100% reliable due to the importance of data and the damages that can be caused by incorrect or incomplete data. The system will run 7 days a week, 24 hours a day.

## USER CHARACTERSTICS

We have 2 levels of users :

- **User module:** In the user module, user will get information about vehicles.

- View vehicles details
- Book vehicles
- Request vehicles
- Give feedback

- **Admin module:**

In the admin module, admin will check the user information about booked, requested vehicles.

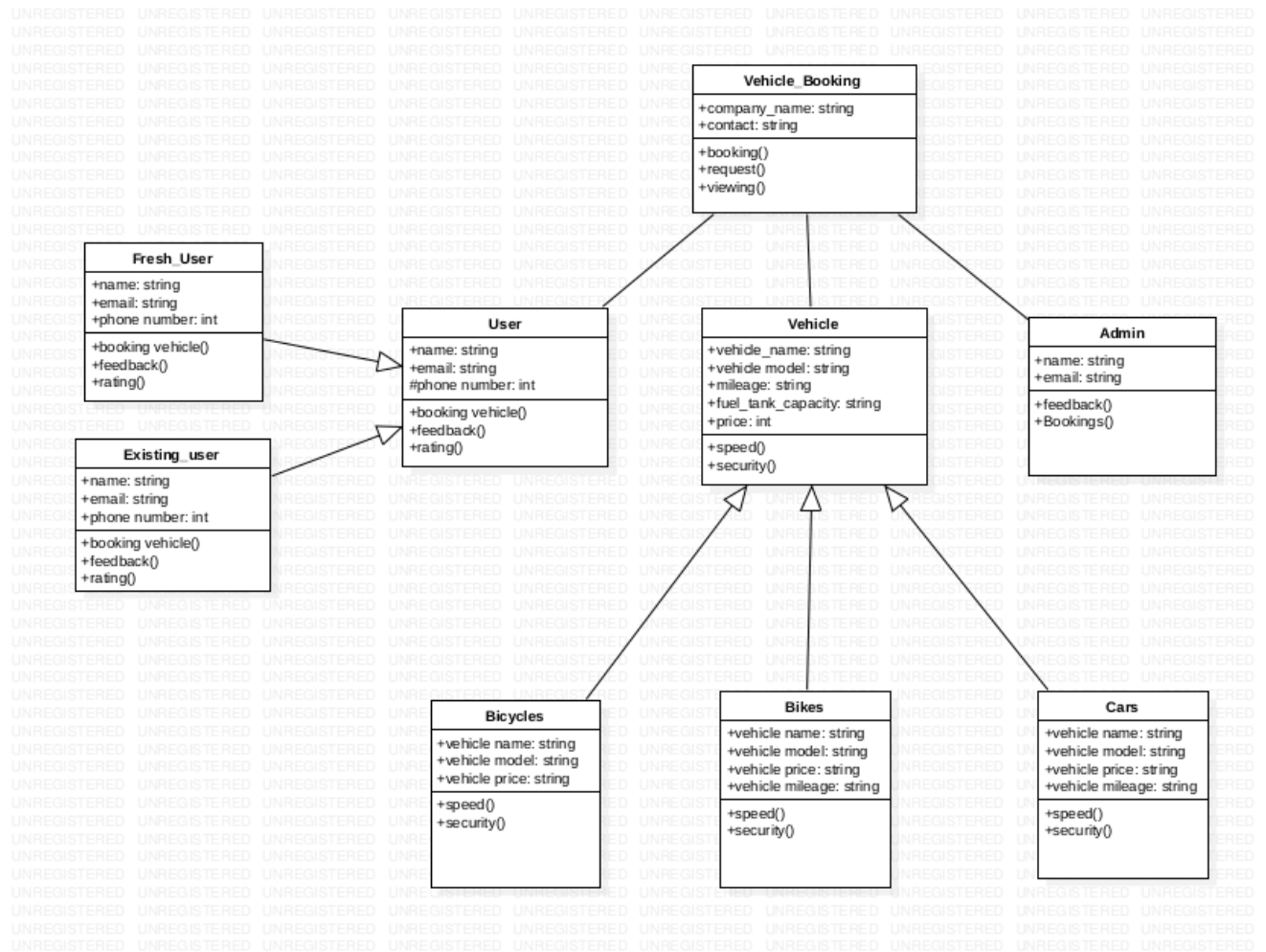
- View client details
- Manage Booked vehicles
- Manage Requested vehicles

## CONSTRAINTS

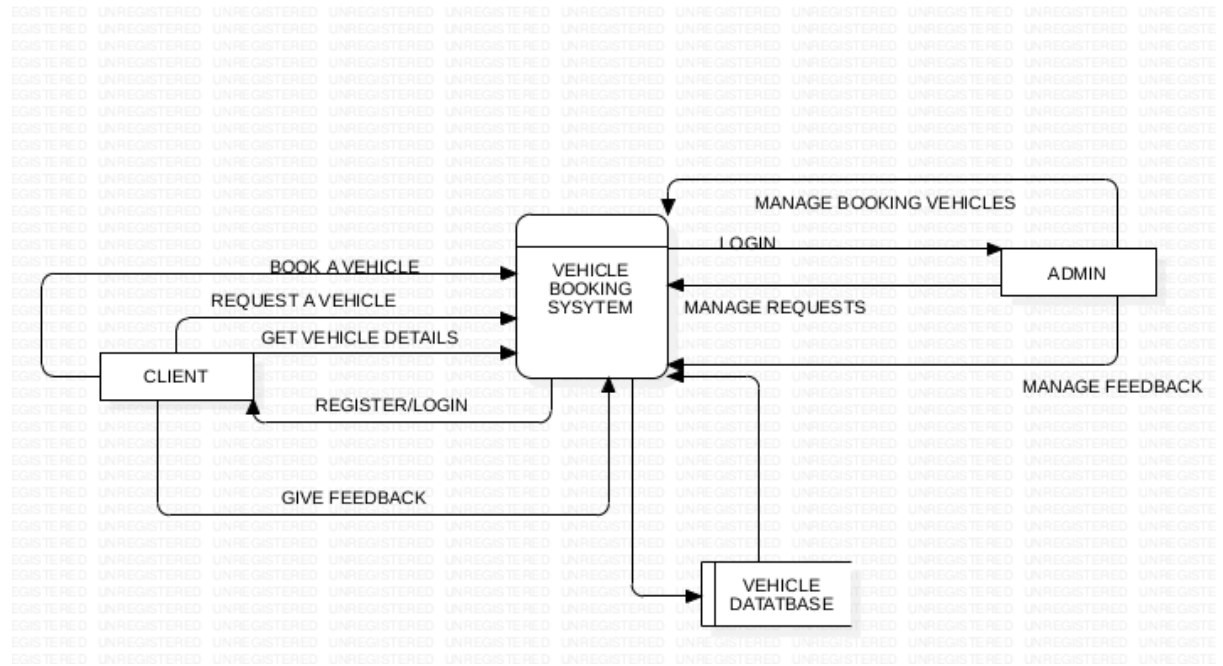
N/A

# UML DIAGRAMS

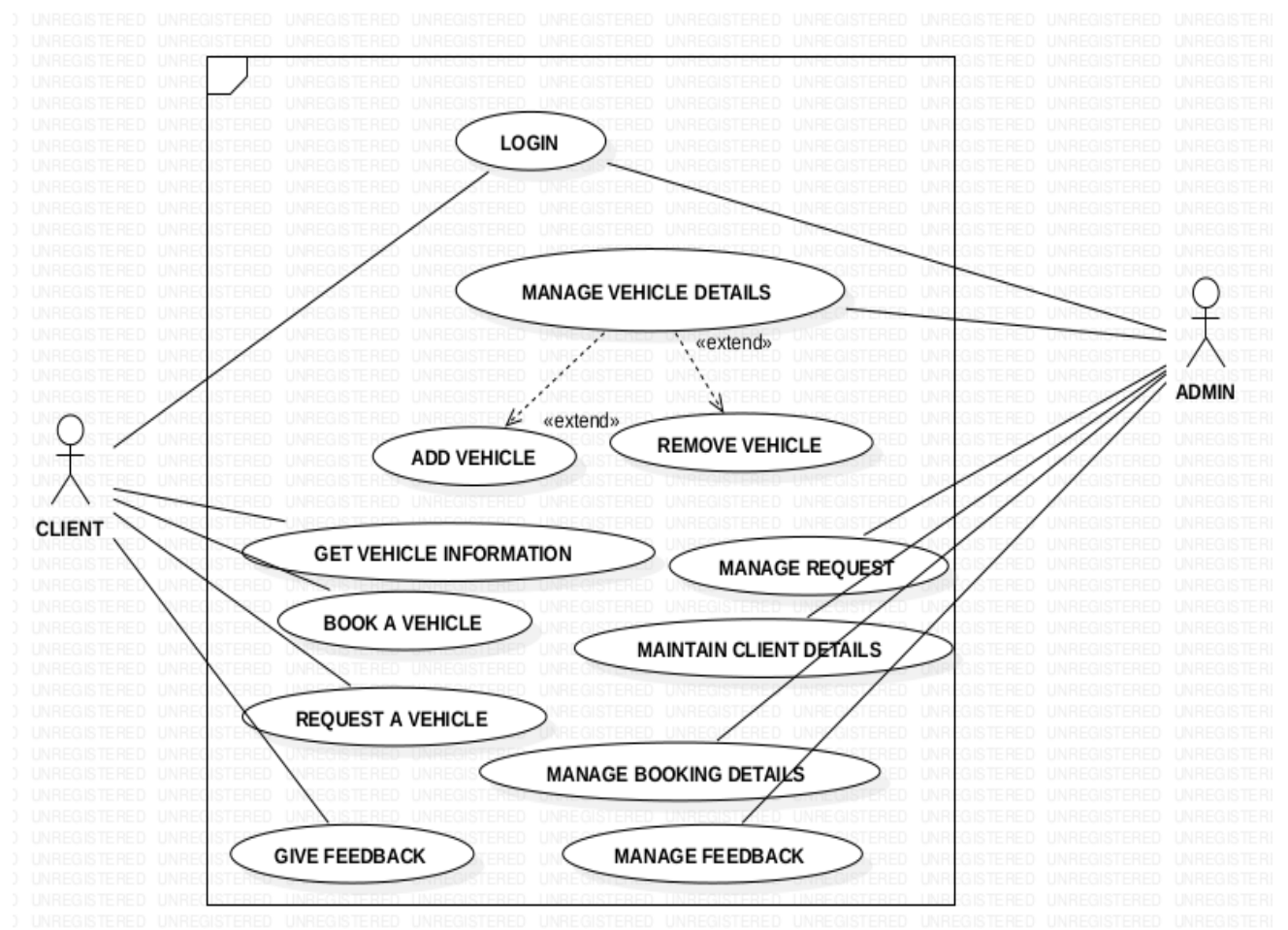
## CLASS DIAGRAM



## DATA FLOW DIAGRAM

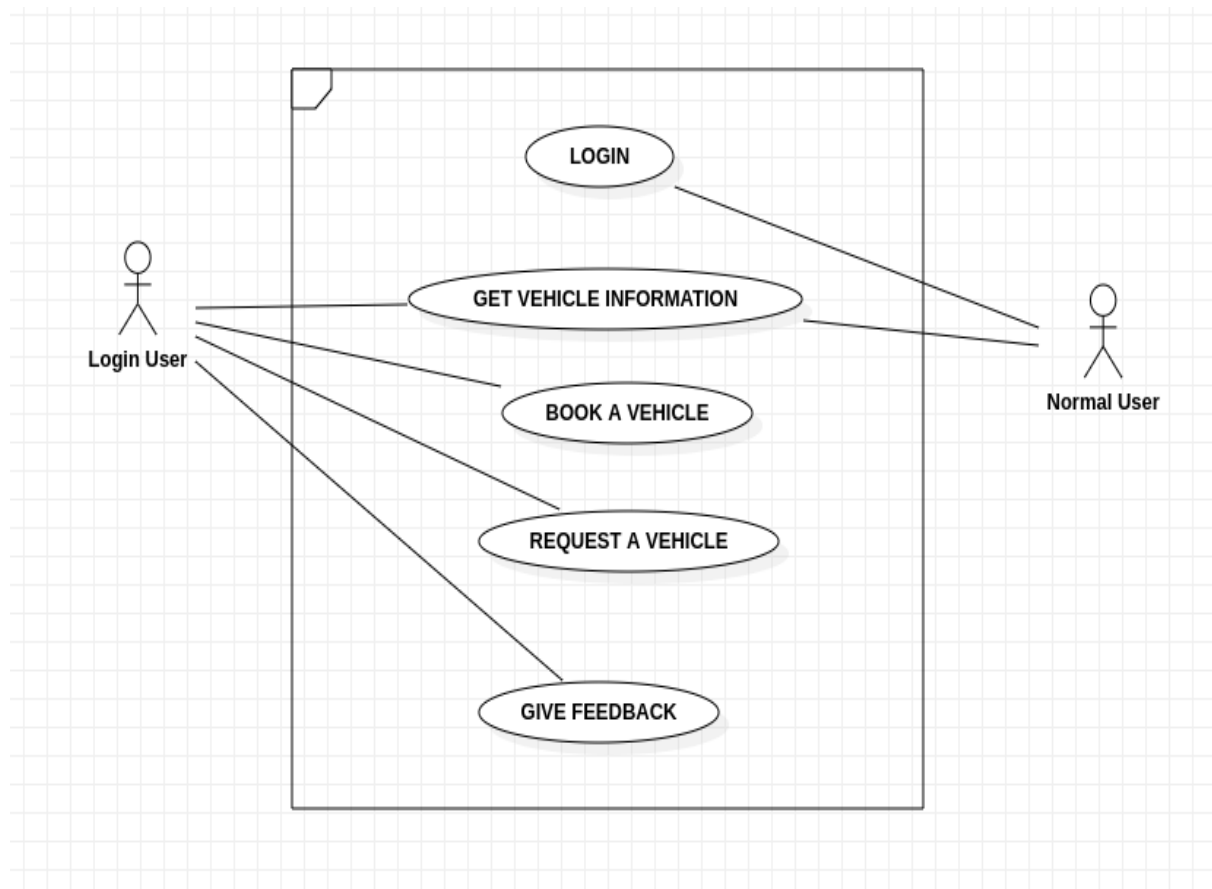


## USECASE DIAGRAM



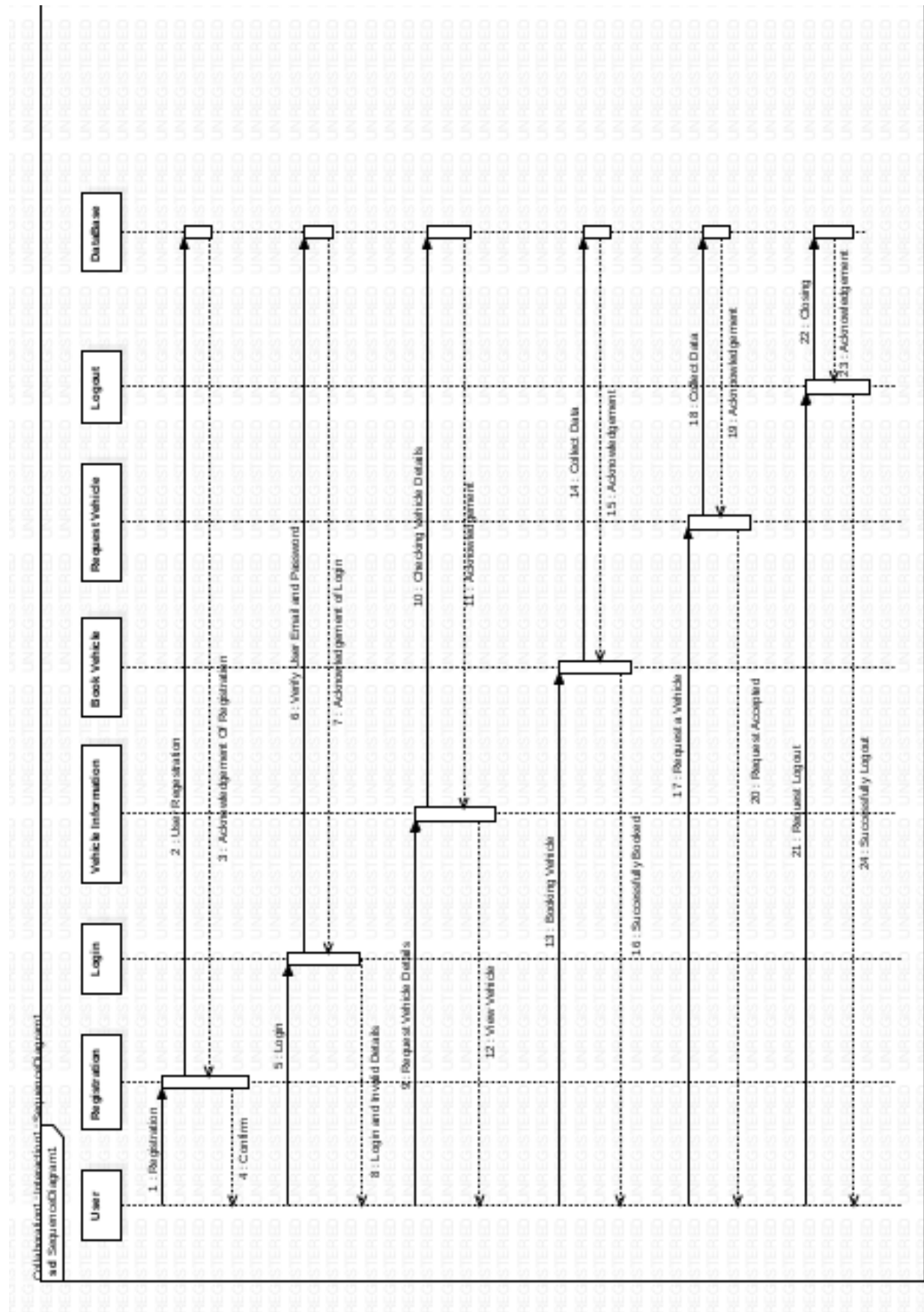
## USECASE DIAGRAM

### for CLIENTS

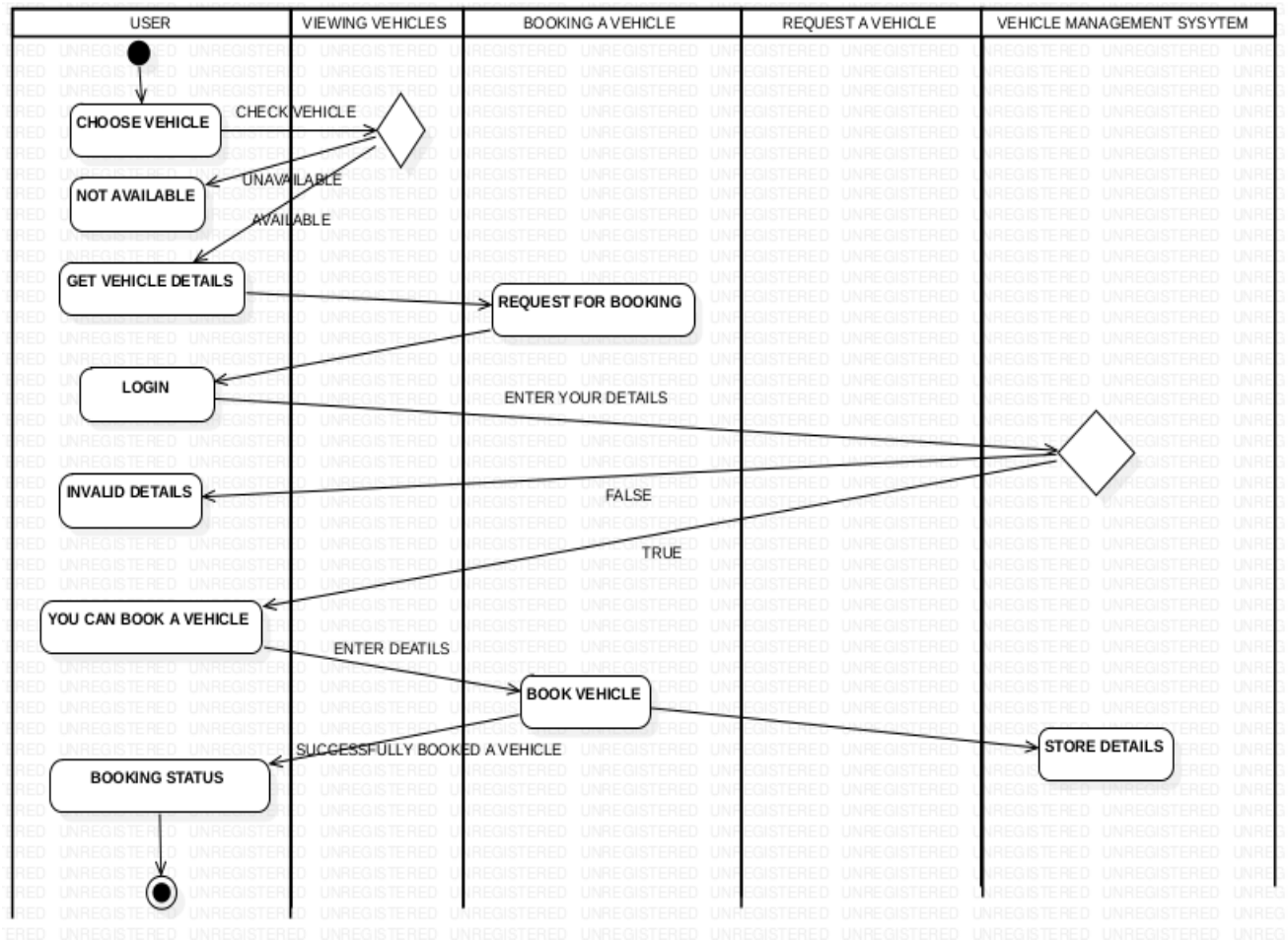




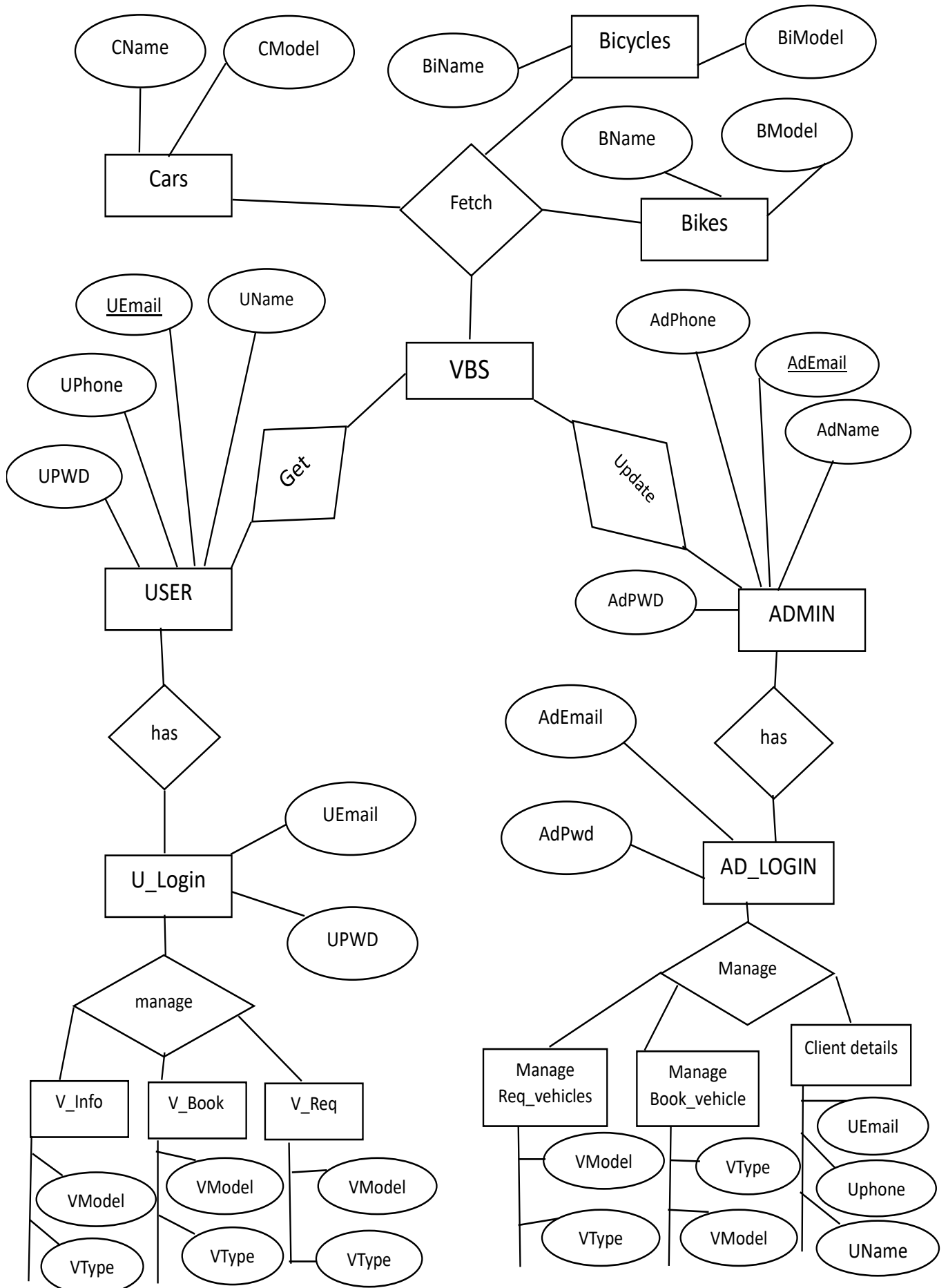
# SEQUENCE DIAGRAM



## ACTIVITY DIAGRAM



## ER - DIAGRAM



## USE CASE SPECIFICATIONS:

### 1. UC-VBS-GVI: Get Vehicle Information.

Use-Case ID: UC-VBS-GVI:	Use-Case Name: Get Vehicle Information
Description:	The user access the vehicle information.
Pre-Conditions:	1.The user must select a vehicle.
Success Guarantee:	After selecting the vehicle, user can view the details of a vehicle.
Frequency of use:	High
Main Success Scenario:	1.User can get the complete vehicle information. 2.User can view the vehicle look. 3.User can book the vehicle. 4.User can
Extensions (or alternate flow)	If user cannot select the vehicle, then he can view the home page only.
Frequency of Occurrence	Very low.

## 2. UC-VBS-BAV: Book A Vehicle

Use-Case ID: UC-VBS-BAV:	Use-Case Name: Book A Vehicle
Description:	The user can book a vehicle
Pre-Conditions:	1.The user must login into the website. 2.The user must select a vehicle. 3.The user must know the vehicle model name 4.The user must fill the form by submitting the vehicle details.
Success Guarantee:	After filling the vehicle details, the system prompt the success message.
Frequency of use:	High
Main Success Scenario:	1. User can book the vehicle. 2.User can get the successful message after filling the details.
Extensions (or alternate flow)	If user cannot fill the correct details of the vehicle, then he can't book the vehicle.
Frequency of Occurrence	Very high.

### 3. UC-VBS-BAV: Request A Vehicle

Use-Case ID: UC-VBS-RAV:	Use-Case Name: Request A Vehicle
Description:	The user can request a vehicle
Pre-Conditions:	1.The user must login into the website. 2.The user must select a vehicle. 3.The user must know the vehicle model name 4.The user must fill the form by submitting the vehicle details.
Success Guarantee:	After filling the vehicle details, the system prompt the success message.
Frequency of use:	High
Main Success Scenario:	1. User can request the vehicle. 2.User can get the successful message after filling the details.
Extensions (or alternate flow)	If user cannot fill the correct details of the vehicle, then he can't request the vehicle.
Frequency of Occurrence	Very high.

## 4. UC-VBS-GF: Give Feedback

Use-Case ID: UC-VBS-GF:	Use-Case Name: Give Feedback
Description:	The user can feedback about the website.
Pre-Conditions:	1.The user must login into the website. 2.The user must fill the form by submitting the vehicle details.
Success Guarantee:	After filling the vehicle details, the system prompt the success message.
Frequency of use:	High
Main Success Scenario:	1. User can give the feedback.
Extensions (or alternate flow)	N/A
Frequency of Occurrence	Very low.

## 5. UC-VBS-MBV: Manage Booked Vehicles

Use-Case ID: UC-VBS-MBV:	Use-Case Name: Manage Booked Vehicles
Description:	The Admin can manage the booked vehicles by the clients.
Pre-Conditions:	1.The admin must login into the website. 2.The admin must visit booked-vehicles tab.
Success Guarantee:	After viewing the vehicle booked details of the clients, the admin can know which type of vehicles are booked.
Frequency of use:	High
Main Success Scenario:	1. Admin can view the booked vehicles of the clients.
Extensions (or alternate flow)	If Admin cannot view the booked vehicle details of, then he can't respond to the clients.
Frequency of Occurrence	Very high.



## 6. UC-VBS-MRV: Manage Requested Vehicles

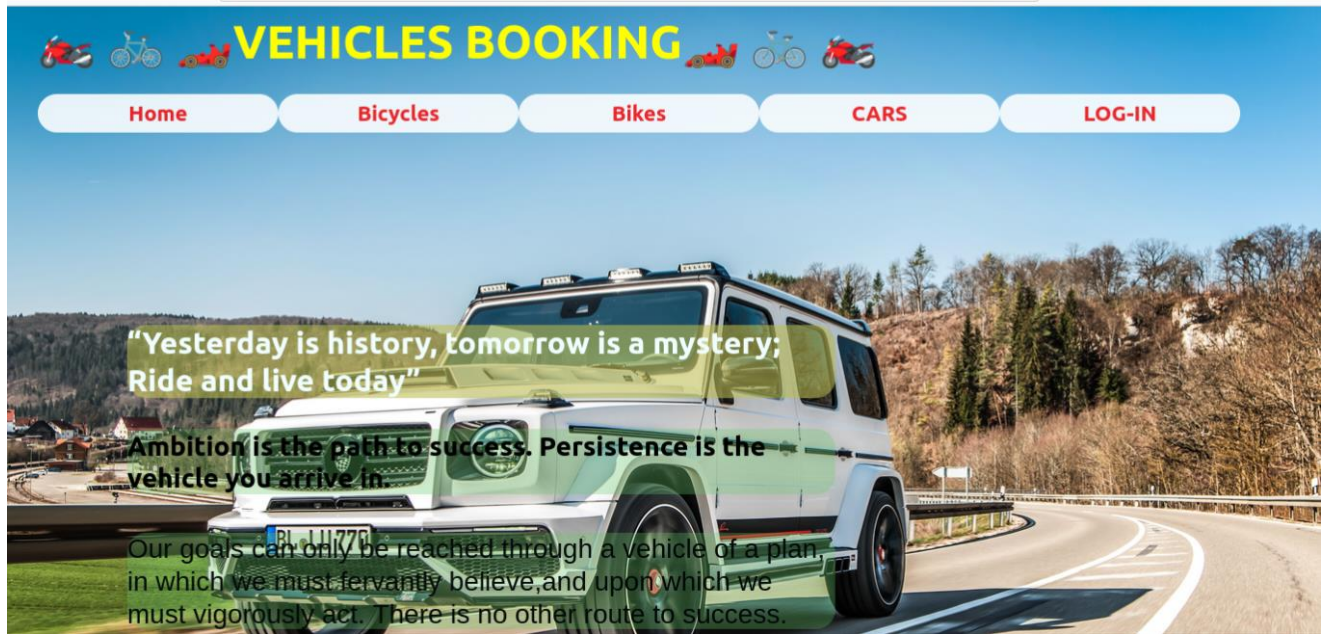
Use-Case ID: UC-VBS-MRV:	Use-Case Name: Manage Requested Vehicles
Description:	The Admin can manage the requested vehicles by the clients.
Pre-Conditions:	1.The admin must login into the website. 2.The admin must visit requested-vehicles tab.
Success Guarantee:	After viewing the requested vehicle details of the clients, the admin can know which type of vehicles are requested.
Frequency of use:	High
Main Success Scenario:	1. Admin can view the requested vehicles of the clients.
Extensions (or alternate flow)	If Admin cannot view the requested vehicle details of, then he can't update the requested vehicle information on website.
Frequency of Occurrence	Very high.

## 7. UC-VBS-VFC: View Feedback of Clients

Use-Case ID: UC-VBS-VFC:	Use-Case Name: View Feedback of Clients
Description:	The Admin can view the feedback of the clients.
Pre-Conditions:	1.The admin must login into the website. 2.The admin must visit feedback tab.
Success Guarantee:	After viewing the feedback of clients, the admin can know what to be update the website or something else.
Frequency of use:	High
Main Success Scenario:	1. Admin can view the feedback of clients.
Extensions (or alternate flow)	If Admin cannot view the feedback of the clients , then admin can't update the on website.
Frequency of Occurrence	Very high.

## WEB APPLICATION INTERFACES:

### HOME PAGE

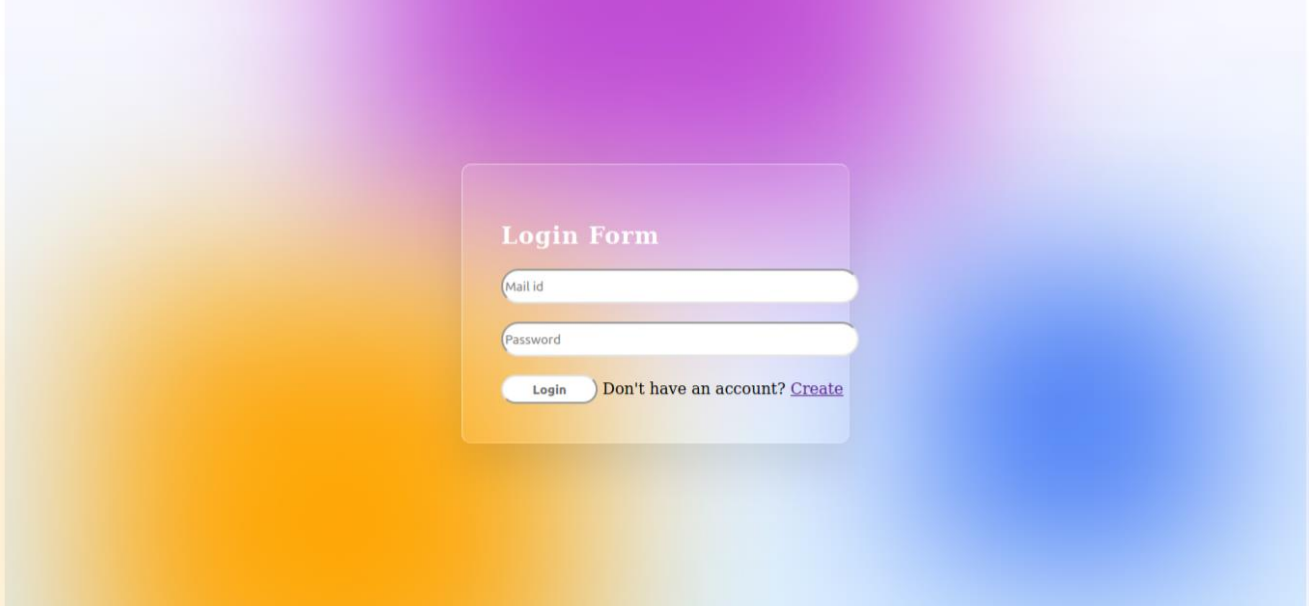


### CHOOSING VEHICLE



localhost:8000/home.html#

## USER LOGIN



The login form is centered on a background with a purple-to-blue gradient. It is enclosed in a light purple rounded rectangle with a subtle shadow. The title 'Login Form' is in a bold, dark font. Below it are two input fields: 'Mail id' and 'Password', both with light blue borders and rounded ends. At the bottom left is a 'Login' button with a light blue gradient. To its right is a link 'Don't have an account? [Create](#)' in a dark font.

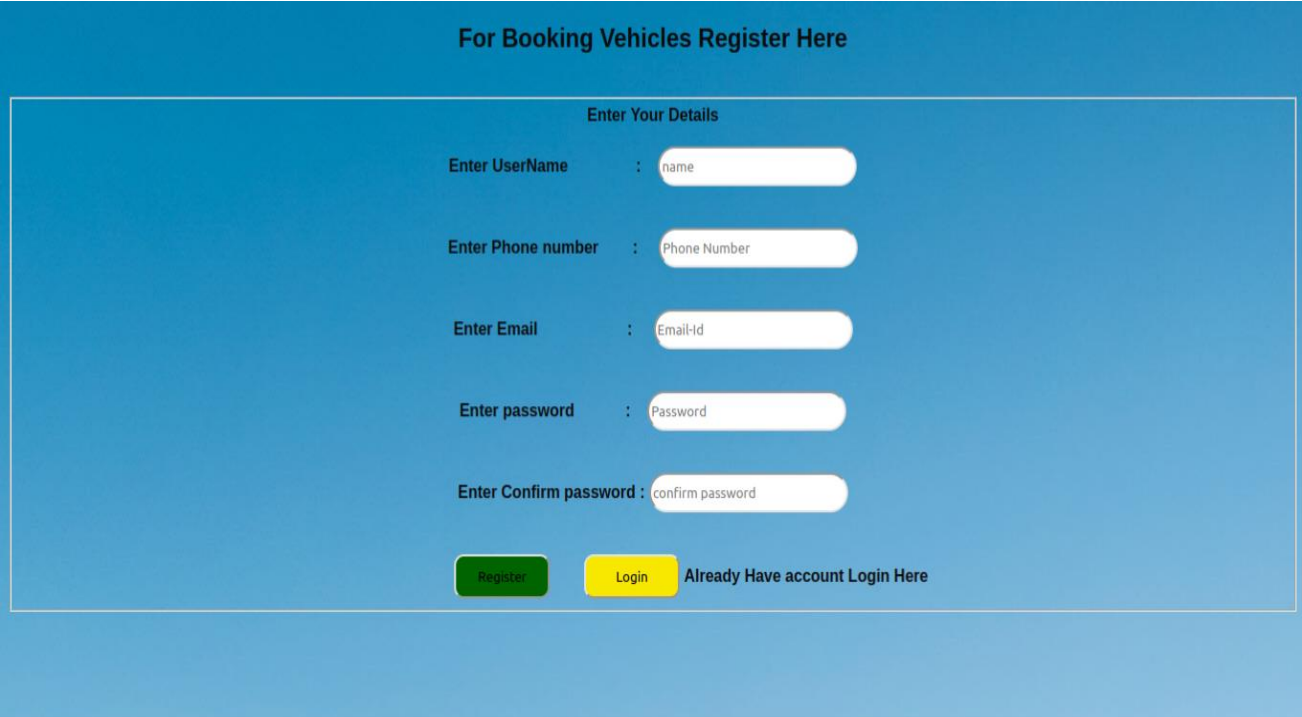
**Login Form**

Mail id

Password

Login Don't have an account? [Create](#)

## USER REGISTRATION



The registration form is set against a solid blue background. The title 'For Booking Vehicles Register Here' is centered at the top in a bold, dark font. Below the title is a white rounded rectangle containing the form fields. The section is titled 'Enter Your Details' in a bold, dark font. There are five input fields, each preceded by a label and a colon: 'Enter UserName' (placeholder: name), 'Enter Phone number' (placeholder: Phone Number), 'Enter Email' (placeholder: Email-Id), 'Enter password' (placeholder: Password), and 'Enter Confirm password' (placeholder: confirm password). At the bottom left is a green 'Register' button. To its right is a yellow 'Login' button, followed by the text 'Already Have account Login Here' in a dark font.

**For Booking Vehicles Register Here**

**Enter Your Details**

Enter UserName : name

Enter Phone number : Phone Number

Enter Email : Email-Id

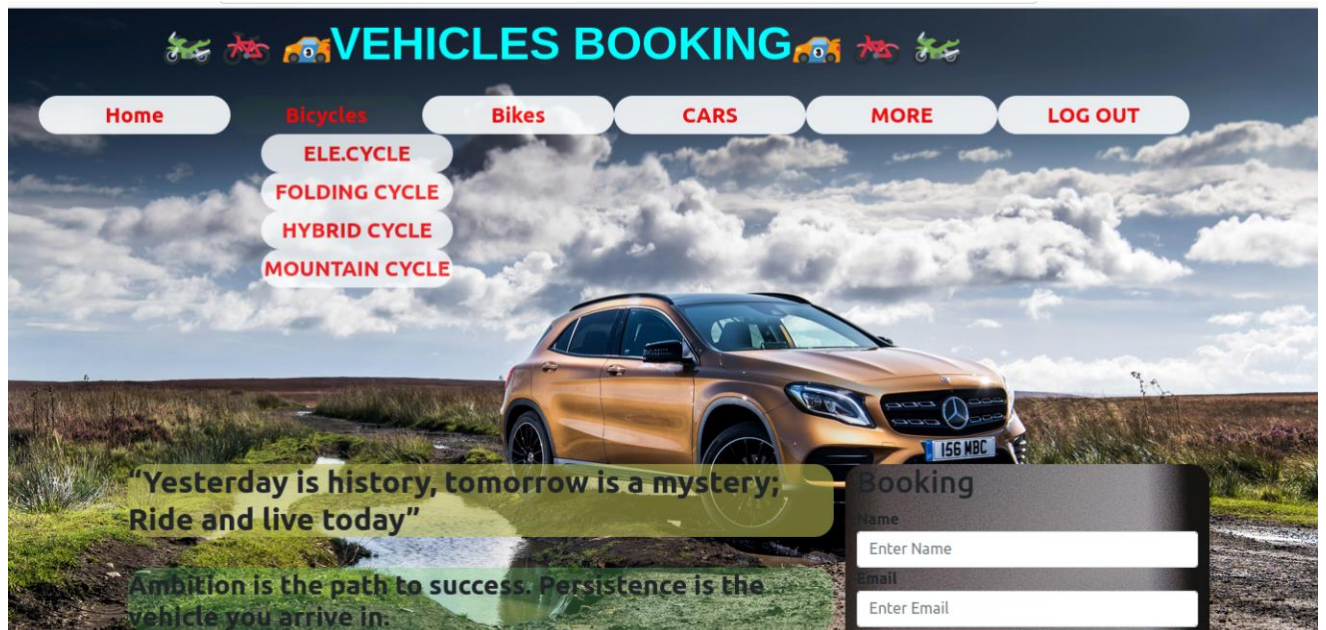
Enter password : Password

Enter Confirm password : confirm password

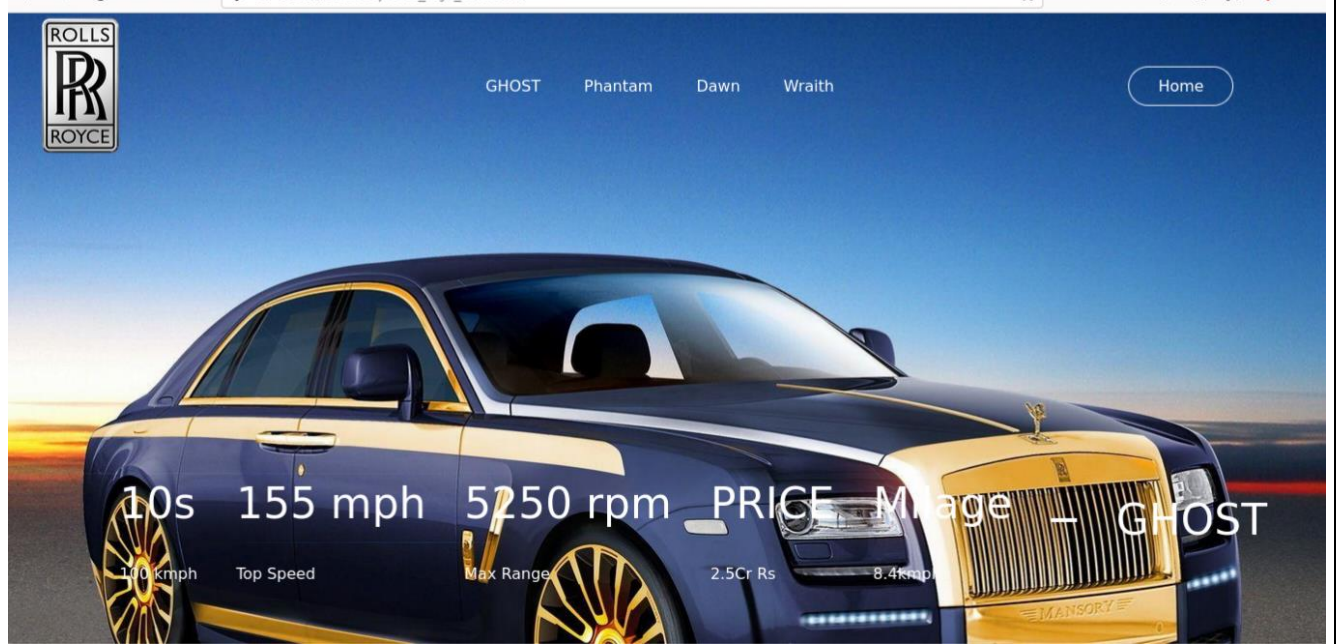
Register Login Already Have account Login Here



## AFTER USER LOGIN

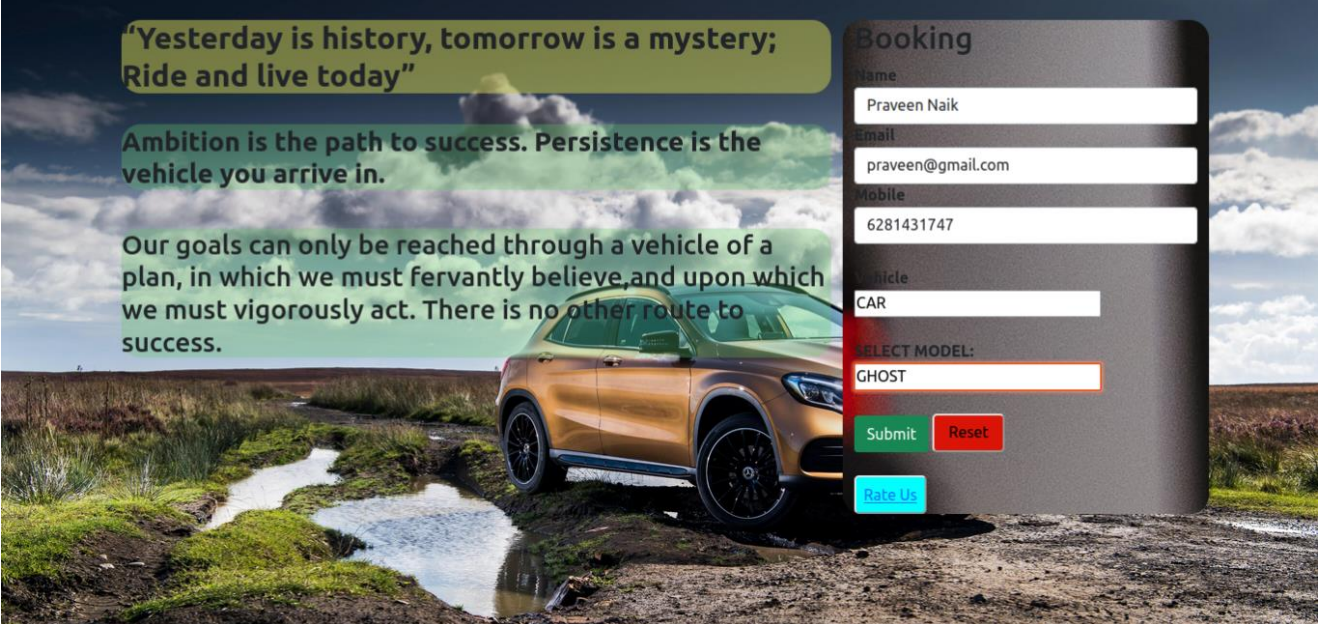


## VIEW VEHICLE DETAILS(Price, Mileage, etc.,)





## VEHICLE BOOKING



**"Yesterday is history, tomorrow is a mystery;  
Ride and live today"**

**Ambition is the path to success. Persistence is the  
vehicle you arrive in.**

Our goals can only be reached through a vehicle of a  
plan, in which we must fervently believe, and upon which  
we must vigorously act. There is no other route to  
success.

### Booking

Name  
Praveen Naik

Email  
praveen@gmail.com

Mobile  
6281431747

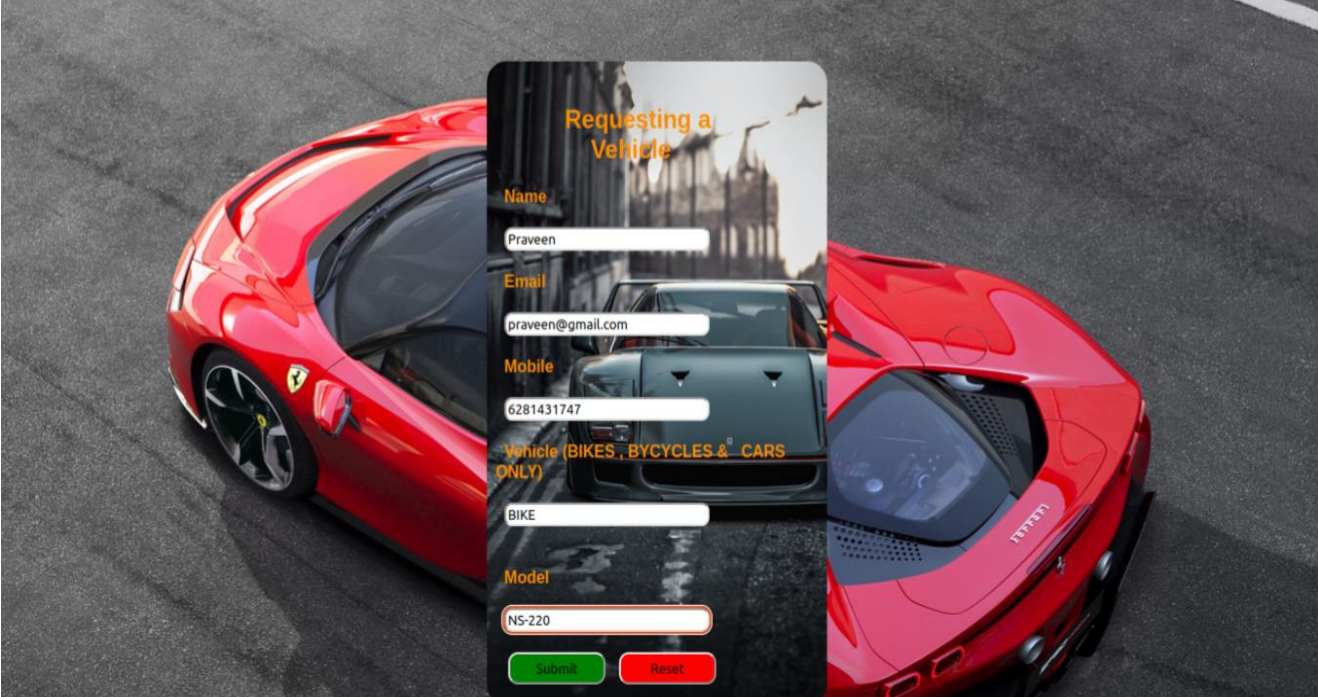
Vehicle  
CAR

SELECT MODEL:  
GHOST

Submit Reset

[Rate Us](#)

## VEHICLE REQUESTING



### Requesting a Vehicle

Name  
Praveen

Email  
praveen@gmail.com

Mobile  
6281431747

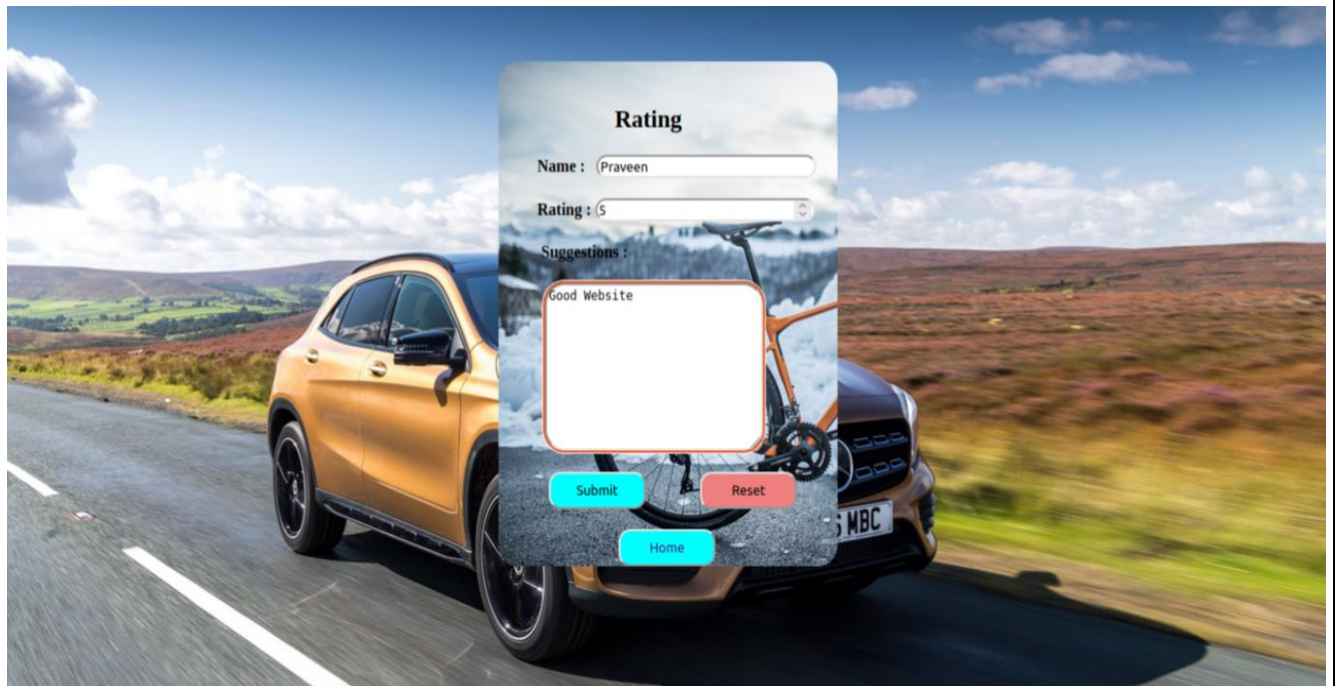
Vehicle (BIKES, BYCYCLES & CARS  
ONLY)  
BIKE

Model  
NS-220

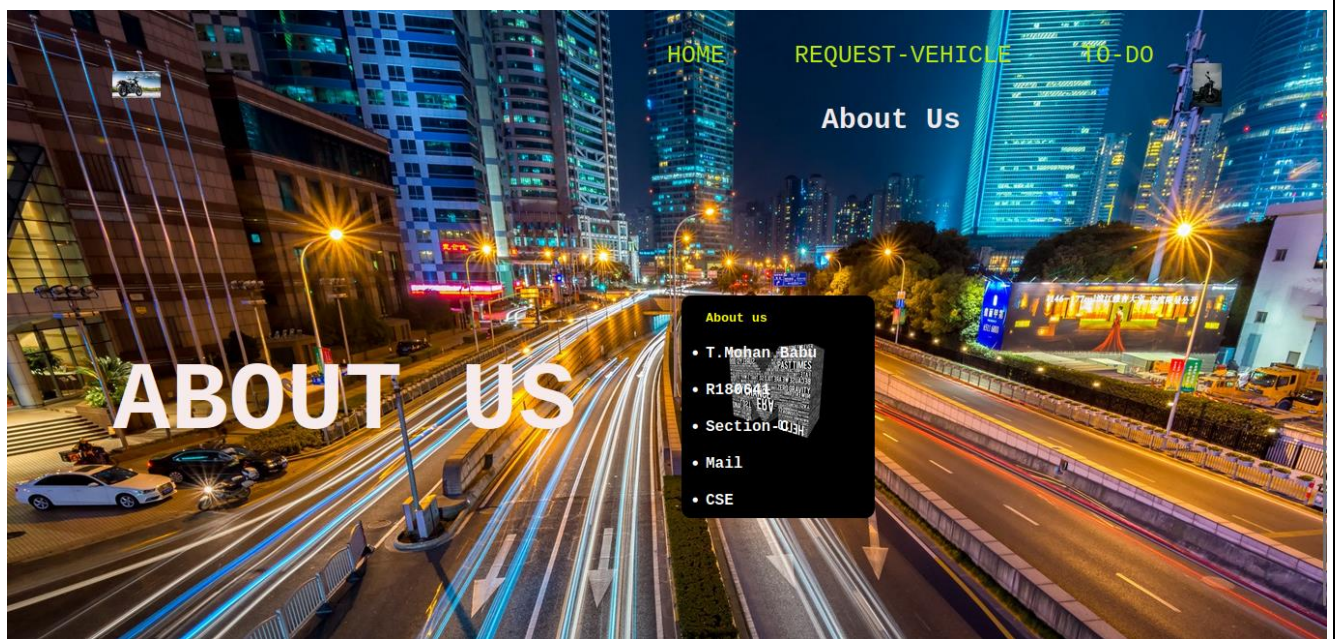
Submit Reset



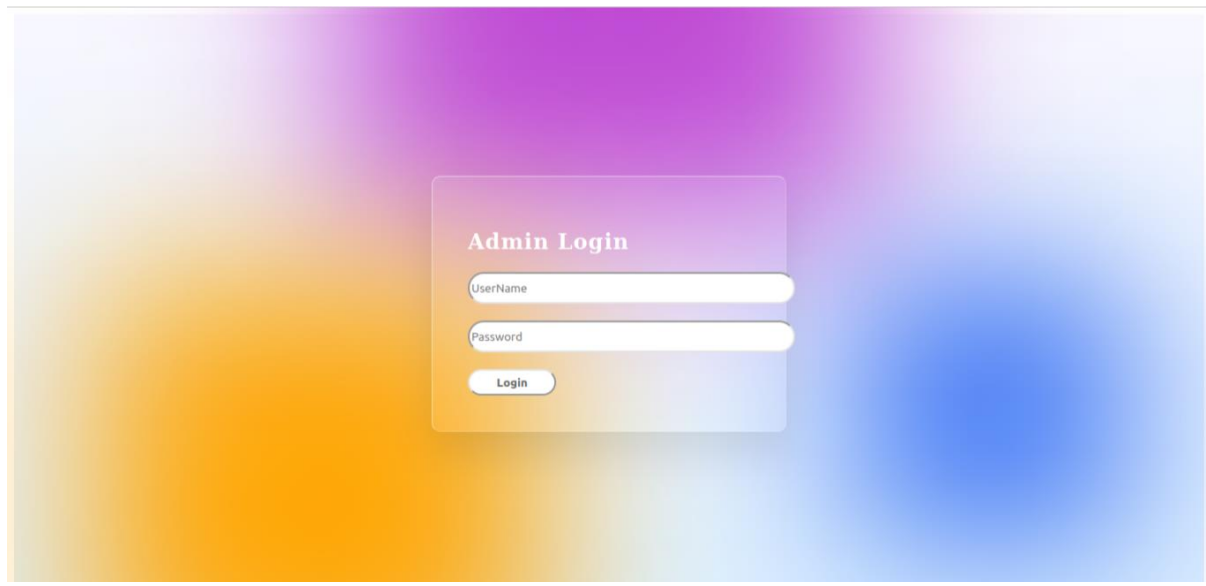
## USER FEEDBACK



## ABOUT PAGE



## ADMIN LOGIN PAGE

The image shows a web page for admin login. The background is a gradient of purple, blue, and orange. In the center, there is a white rounded rectangle containing the text "Admin Login". Below this text are two input fields: "UserName" and "Password". At the bottom of the rectangle is a "Login" button.

Admin Login

UserName

Password

Login

## ADMIN HOME PAGE

The image shows the admin home page. The background is a dark grey asphalt with a red sports car. At the top, there is a navigation bar with icons for a motorcycle, bicycle, and car, followed by the text "VEHICLES BOOKING". Below the navigation bar are five buttons: "BOOKED-VEHICLES", "REQUESTED-VEHICLES", "FEEDBACK", "Client-Details", and "LOG-OUT". Below the buttons, there is a quote: "Yesterday is history, tomorrow is a mystery; Ride and live today". Below the quote, there is a paragraph: "Ambition is the path to success. Persistence is the vehicle you arrive in." Below the paragraph, there is another paragraph: "Our goals can only be reached through a vehicle of a plan, in which we must fervently believe, and upon which we must vigorously act. There is no other route to success.".

VEHICLES BOOKING

BOOKED-VEHICLES REQUESTED-VEHICLES FEEDBACK Client-Details LOG-OUT

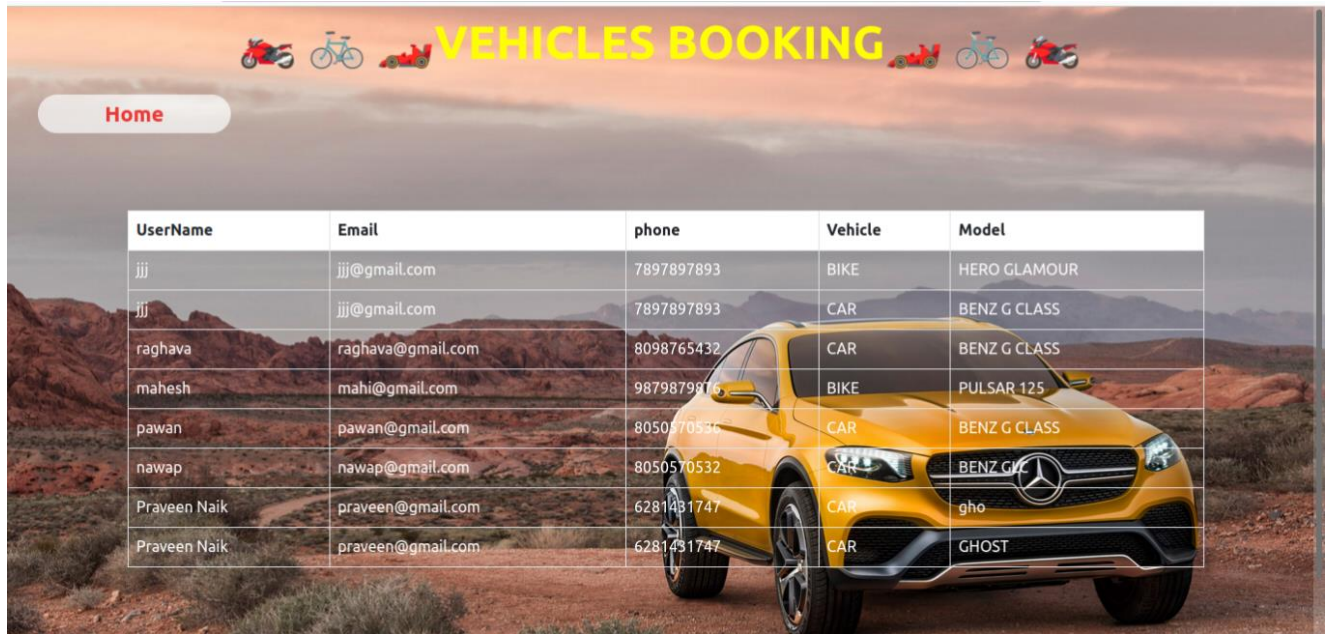
"Yesterday is history, tomorrow is a mystery;  
Ride and live today"

Ambition is the path to success. Persistence is the vehicle you arrive in.

Our goals can only be reached through a vehicle of a plan, in which we must fervently believe, and upon which we must vigorously act. There is no other route to success.



## BOOKING DETAILS

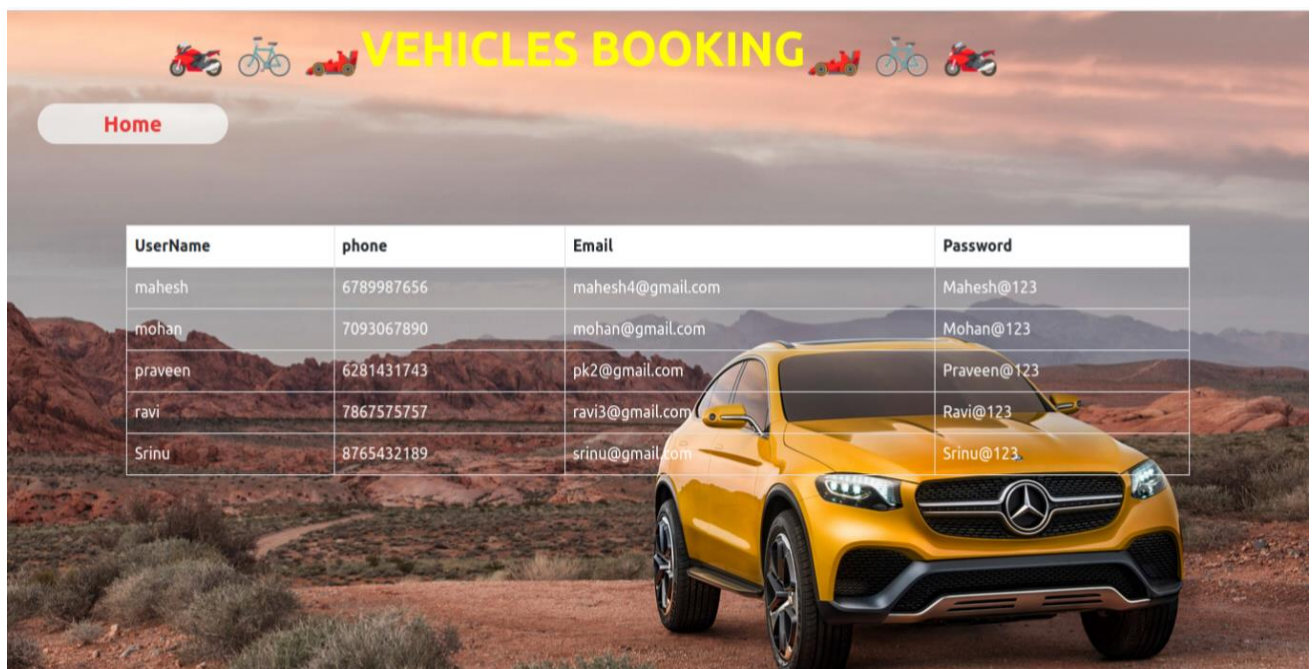


**VEHICLES BOOKING**

Home

UserName	Email	phone	Vehicle	Model
jjj	jjj@gmail.com	7897897893	BIKE	HERO GLAMOUR
jjj	jjj@gmail.com	7897897893	CAR	BENZ G CLASS
raghava	raghava@gmail.com	8098765432	CAR	BENZ G CLASS
mahesh	mahi@gmail.com	9879879876	BIKE	PULSAR 125
pawan	pawan@gmail.com	8050570536	CAR	BENZ G CLASS
nawap	nawap@gmail.com	8050570532	CAR	BENZ G CLASS
Praveen Naik	praveen@gmail.com	6281431747	CAR	gho
Praveen Naik	praveen@gmail.com	6281431747	CAR	GHOST

## CLIENT/USER DETAILS



**VEHICLES BOOKING**

Home

UserName	phone	Email	Password
mahesh	6789987656	mahesh4@gmail.com	Mahesh@123
mohan	7093067890	mohan@gmail.com	Mohan@123
praveen	6281431743	pk2@gmail.com	Praveen@123
ravi	7867575757	ravi3@gmail.com	Ravi@123
Srinu	8765432189	srinu@gmail.com	Srinu@123

## FEEDBACK INFORMATION

[illegible]

## CONCLUSION

Vehicle Booking System is a web application. It is used to know vehicle details by an user. From this system any user can easily access the vehicle information. The user can easily book, request a vehicle with oneself only.

The user time will be saved for a get vehicle information with this system. The user can access ant brand vehicle details within this system only.

## REFERENCE

### For PHP

- <https://www.w3schools.com/php/default.asp>
- <https://www.sitepoint.com/php/>
- <https://www.php.net/>

### For MySQL

- <https://www.mysql.com/>
- <http://www.mysqltutorial.org>

### For XAMPP

- <https://www.apachefriends.org/download.html>

\*\*\*\*\***THANK YOU**\*\*\*\*\*