A PROJECT REPORT ON

CAR RENTAL MANAGEMENT SYSTEM

Submitted in partial fulfillment of the

BACHELOR OF COMPUTER APPLICATIONS

AT

JAMSHEDPUR CO-OPERATIVE COLLEGE

DEPARTMENT OF VOCATIONAL STUDIES

Under the guidance of:

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CLASS ROLL: 31

REGISTRATION NUMBER: KU2021033364

UNIVERSITY ROLL NO.: 220604153528

SEMESTER: VI

SESSION: 2021-24

JAMSHEDPUR CO-OPERATIVE COLLEGE, JAMSHEDPUR

DEPARTMENT OF VOCATIONAL STUDIES

Estd : 1954

CERTIFICATE OF INTERNAL GUIDE

This is to certify that Mr. Raunak Kumar, bearing university Roll No. 220604153528 and registration no. KU2021033364 of 2021-24 batch, has completed and submitted this project report under my guidance in partial fulfilment of the requirements for award of the degree of Bachelor of Computer Application at Jamshedpur Co-operative College, Jamshedpur. To the best of my knowledge and belief, this project report has been prepared by the student and has not been submitted to any other institute or university for the award of any degree or diploma.

Date:

Place: Jamshedpur

Signature of the Internal Guide

Name: Mr. Subodh Kumar
Designation: Asst. Prof., Dept. of Computer Application

JAMSHEDPUR CO-OPERATIVE COLLEGE, JAMSHEDPUR

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CERTIFICATE

This is to certify that the project entitled, **"CAR RENTAL MANAGMENT SYSTEM",** is work of **Raunak Kumar** bearing **Registration No. – KU2021033364 & University Roll No. - 220604153528** submitted in partial fulfillment of the requirements for the award of degree of **BACHELOR OF COMPUTER APPLICATIONS (BCA)** from **JAMSHEDPUR CO-OPERATIVE COLLEGE, JAMSHEDPUR.**

Signature of Internal Examiner	**Signature of External Examiner**
Name:	**Name:**
Designation:	**Designation:**

DECLARATION

I Raunak Kumar student of Jamshedpur Co-operative College of BCA 2021-2024, hereby declare that we have completed our Internship project training on CAR RENTAL MANAGEMENT SYSTEM.

The information submitted is true & original to the best of our knowledge.

Thanks and Regards.

-RAUNAK KUMAR

ABSTRACT

The Car Rental System is being developed for customers so that they can book their vehicles from any part of the world. This application takes information from the customers through filling their details. A customer being registered in the website has the facility to book a vehicle which he requires. It is an online system through which customers can view available cars, register and book car. We developed this project to book a car on rent at the fare charges. In present system all booking work done manually and it takes very hard work to maintain the information of booking and cars. if you want to find which vehicle is available for booking then it takes a lot of time. It only makes the process more difficult and hard. This aim of the project is to automate the work performed in the car rental management system like records of cab, cabs available for booking, rental charges for cars, store records of the customer. CaRs is a car booking software that provides a complete solution to all your day-to-day car booking office running needs. This system helps you to keep the information of customer online. You can check your customer information any time by using this system. Online car rental management system is a unique and innovative product. Based on this information you can take decision regarding your business development.

ACKNOWLEDGEMENT

This project has been made possible through the direct and indirect Corporation of various persons, who have inspired me at every step of my work. It is a matter of pride for me to acknowledge my profound gratitude to my esteemed project guide Mr. Subodh Kumar, Asst. Prof., Dept. of Computer Application for his valuable corporation and guidance.

We are thankful to respected DR. AMAR SINGH (Principal of Jamshedpur Co-Operative College, Jamshedpur) for giving us opportunity to do this project.

We also thankful to respected Dr. Prabhat Kumar Singh (Coordinator , Department of Vocational Studies) whose energetic support, guidance and inspiration gave us a path to the success of this project.

Only the expression of ‘THANKS’ can’t appreciate these wonderful and kindly natured who contributed their best efforts to help us.

Thank you to all with honour.

- RAUNAK KUMAR

CONTENTS

Chapter 1

INTRODUCTION

A database management system (DBMS) refers to the technology for creating and managing databases. DBMS is a software tool to organize (create, retrieve, update and manage) data in a database. The main aim of a DBMS is to supply a way to store up and retrieve database information that is both convenient and efficient. By data, we mean known facts that can be recorded and that have embedded meaning. Normally people use software such as DBASE IV or V, Microsoft ACCESS, or EXCEL to store data in the form of a database. Database systems are meant to handle a large collection of information. Management of data involves both defining structures for the storage of information and providing mechanisms that can do the manipulation that stored information. Moreover, the database system must ensure the safety of the information stored, despite system crashes or attempts at unauthorized access.

1.0.1 Problem statement

In real world, not every person can afford their own personal car . A car rental is a vehicle that can be used temporarily for a fee during a specified period. Getting a rental car helps people get around despite the fact they do not have access to their own personal vehicle or don't own a vehicle at all. The individual who needs a car must contact a rental car company and contract out for a vehicle. This system increases customer retention and simplify vehicle and staff management.

1.0.2 Objective

- To produce a web-based system that allow customer to register and reserve car online
- and for the company to effectively manage their car rental business.
- To ease customer’s task whenever they need to rent a car.
- As all the system is computerized, there is no need to fill any application form for
- renting purpose. So, the paperwork will be very less.
- To make sure a user gets his desire car as early as possible. The car rental system
- will provide a faster response to complete the process.

1.0.3 SQL

SQL (Structured Query Language) is a standardized programming language that's used to manage relational databases and perform various operations on the data in them. The uses of SQL include modifying database table and index structures; adding, updating and deleting rows of data; and retrieving subsets of information from within a database for transaction processing and analytics applications. Queries and other SQL operations take the form of commands written as statements -- commonly used SQL statements include select, add, insert, update, delete, create, alter and truncate. MySQL is a popular choice of database for use in web applications, and is a central component of the widely used LAMP open source web application software stack (and other 'AMP' stacks).

1.0.4 PHP

PHP is a server-side scripting language designed for web development but also used as a general-purpose programming language. PHP is now installed on more than 244 million websites and 2.1 million web servers. Originally created by Rasmus Lerdorf in 1995, the reference implementation of PHP is now produced by The PHP Group. While PHP originally stood for Personal Home Page, it now stands for PHP: Hyper Text Preprocess .PHP code is interpreted by a webserver with a PHP processor module, which generates the resulting web page PHP commands can be embedded directly into an HTML source document rather than calling an external file to process data. It has also evolved to include a command-line interface capability and can be used in standalone graphical applications. PHP is free software released under the PHP License.

1.0.5 HTML5

HTML5 is a markup language used for structuring and presenting content on the World Wide Web. It is the fifth and last major HTML version that is a World Wide Web Consortium (W3C) recommendation. The current specification is known as the HTML Living Standard. It is maintained by the Web Hypertext Application Technology Working Group (WHATWG), a consortium of the major browser vendors (Apple, Google, Mozilla, and Microsoft).

1.0.6 CSS3

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility; provide more flexibility and control in the specification of presentation characteristics; enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, which reduces complexity and repetition in the structural content; and enable the .css file to be cached to improve the page load speed between the pages that share the file and its formatting.

1.0.7 JAVASCRIPT

JavaScript(JS) is a dynamic computer programming language. It is most commonly used as part of web browsers, whose implementations allow client side scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. It is also being used in server-side programming, game development and the creation of desktop and mobile applications. JavaScript is a prototype-based scripting language with dynamic typing and has first-class functions. Its syntax was influenced by C. The key design principles within JavaScript are taken from the Self and Scheme programming languages. It is a multiparadigm language, supporting object-oriented, imperative, and functional programming styles.

1.0.7 APACHE WEB SERVER

In this project apache server is used to parse and execute PHP pages, before deploying websites on the server, the website should be tested at the developer side to get a feel of how the website will work on actual server. Therefore apache server is like a local server on the developer side, apache server should be informed about the environment on which it should work. In our project apache server is configured to work with PHP, in this way all the PHP pages are parsed and executed by the server.

Chapter 2

REQUIREMENT ANALYSIS AND SPECIFICATION

2.1 Functional Requirements of Car Rental System

These are statements of services the system should provide, how the system should react to particular inputs and how the system should behave in particular situations. In some cases, the functional requirements may also explicitly state what the system should not do. The functional requirements for a system describe what the system should do. These requirements depend on the type of software being developed, the expected users of the software and the general approach taken by the organization when writing requirements. When expressed as user requirements, the requirements are usually described abstractly. However, functional system requirements describe the system function in detail, its inputs and outputs, exceptions, and so on. Functional requirements for a software system may be expressed in several ways.

The functional requirements of CAR RENTAL SYSTEM is as follow:

Register Module:

- The user needs to provide their first name, last name, email, license number, phone number, password, confirm password, gender for registration.
- These details will be stored in database.

Login Module:

- For login user will input their email and password .
- Admin will provide their admin id and password which will compared with a
- database content.

Booking Module:

- User can view the list of cars. The booking details of cars are provided by the admin.
- User can select their preferred car and book for the same.

Payment Module:

- User should able to make payment by filling card number, expiry date and CVV are
- provided by the admin.
- After payment user will get the payment successful popup window.

Logout Module:

- The system should allow user to logout .
- The system should also allow admin to logout.

Hardware Requirements

- Processor : Intel i3/i5/1.8GHz machine or above
- Primary memory : 4 GB RAM or above
- Hard disk drive : 1 TB or greater

Software Requirements

- Operating System : Windows 7 or higher
- Front End : HTML5,CSS3,JavaScript
- Back End : PHP, SQL
- Frame work : Bootstrap
- Software : Visual Studio Code, XAMPP

2.2 Non-Functional Requirements of Car Rental System

Non-functional requirements are requirements that are not directly concerned with the specific functions delivered by the system. They may relate to emergent system properties such as reliability, response time and store occupancy. Alternatively, they may define constraints on the system such as the capabilities of I/O devices and the data representations used in system interfaces. The plan for implementing functional requirements is detailed in the system design. The plan for implementing non-functional requirements is detailed in the system architecture. Non-functional requirements are often called qualities of a system. Other terms for non-functional requirements are "constraints", "quality attributes", "quality goals", "quality of service requirements" and "non-behavioral requirements". Qualities, that are non-functional requirements, can be divided into two main categories: Execution qualities, such as security and usability, which are observable at run time.

Security:

- The system should provide a high level of security and integrity of the data held by
- the system , only authorized personnel of the company can gain access to the
- company's secured page on the system.
- System provides security for the admin by allowing them to enter into the account
- with their respective ID and password.
- A user can only enter to their account by using their email and password. Only admin
- have privileges to update database contents which are used by the user.

Performance:

- The system should have high performance rate when executing user's input and
- should be able to provide feedback or response within a short time span usually 50
- seconds for highly complicated task and 20 to 25 seconds for less complicated task.
- The system provides user friendly interface, any common people with little
- knowledge can use the system.
- System is robust, reliable and fast, provides more efficiency.

Reliability:

- It is the probability and percentage of the system performing without any failure for
- a specific number of uses or amount of time.
- Car rental system provides reliable interface as it provides data security and data
- safety.
- User can rely on the details present in the system, since it is provided by the admin.

Consistency:

- The car rental system provides consistency services, by retaining the data present in the database.
- The user gets the details that are only provided by the admin, thus achieving
- correctness of data in the database.

2.3 Validation

Requirements validation examines the specification to ensure that all software requirements have been stated unambiguously, so that inconsistencies, omissions, and errors have been detected and corrected.

This checklist is a list of questions that helps us to validate our requirements. They are as follows

• Are requirements stated clearly? Can they be misinterpreted?

A:There will be a chance of misinterpreting the requirements specified by the stakeholders. but we have collected requirements from many sources and those requirements are understood correctly.

• Is the source (e.g., a person, a regulation, a document) of the requirement identified? Has the final statement of the requirement been examined by or against the original source?

A:Yes all the sources of the requirements are correctly identified. And all the requirements are verified.

•Does the requirement violate any system domain constraints?

A:Those requirements violating the system domain constraints were omitted during the negotiation of requirements. So no requirements are violating the system domain constraint.

• Is the requirement testable?

A:All the requirements collected are unambiguous, clear and precise. This makes the requirements testable.

• Is the requirement traceable to any system model that has been created?

A:Yes the requirement is traceable i.e.,the ability to describe and follow the life of a requirement in both a forwards and backwards direction (i.e., from its origins, through its development and specification, to its subsequent deployment and use, and through periods of ongoing refinement and iteration in any of these phases).

Chapter 3

SYSTEM DESIGN

System Design process partitions the system into subsystems based on the requirements. It establishes overall system architecture and is concerned with identifying various components, specifying relationships among components, specifying software structure, maintaining a record of design decisions and providing a blue print for the implementation phase.

3.1 ER DIAGRAM

ER Diagram stands for Entity Relationship Diagram, also known as ERD is a diagram that displays the relationship of entity sets stored in a database. In other words, ER diagrams help to explain the logical structure of databases. ER diagrams are created based on three basic concepts: entities, attributes and relationships.ER Diagrams contain different symbols that use rectangles to represent entities, ovals to define attributes and diamond shapes to represent relationships.

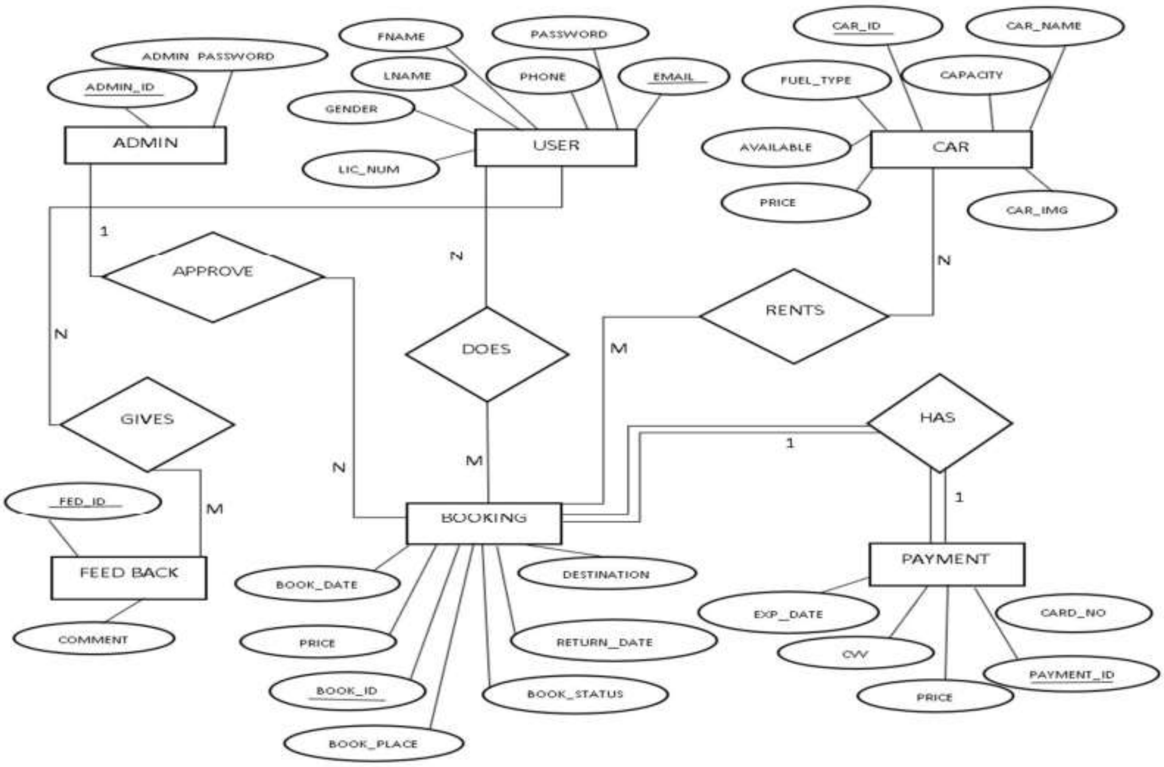


Figure 3.1 ER Diagram of Car Rental System

In the Figure 3.1, there are total 6 entities namely Admin, User, Car, Booking, Payment and Feedback Details. We took a relation APPROVE as a relationship between Admin and Booking entity with 1:N cardinality ratio because One admin can approve many booking. User entity has relationship DOES with Booking entity with N:M cardinality ratio since many users can does many bookings. The relation User has M:N relationship named GIVES with Feedback because Many user can give many feedbacks. Car has N:M relationship with Booking entity as RENTS. Since car can have N bookings. Booking Details has 1:1 relationship between Payment .In our ER diagram the relation Booking and Payment is total participation and relation admin and booking, relation user and booking, relation user and feedback, relation car and booking are partial participation.

3.2 SCHEMA DIAGRAM

The design of the database is called a schema. This tells us about the structural view of the database. It gives us an overall description of the database. A database schema defines how the data is organized using the schema diagram. A schema diagram is a diagram which contains entities and the attributes that will define that schema. A schema diagram only shows us the database design. It does not show the actual data of the database. Schema can be a single table or it can have more than one table which is related. The schema represents the relationship between these tables.

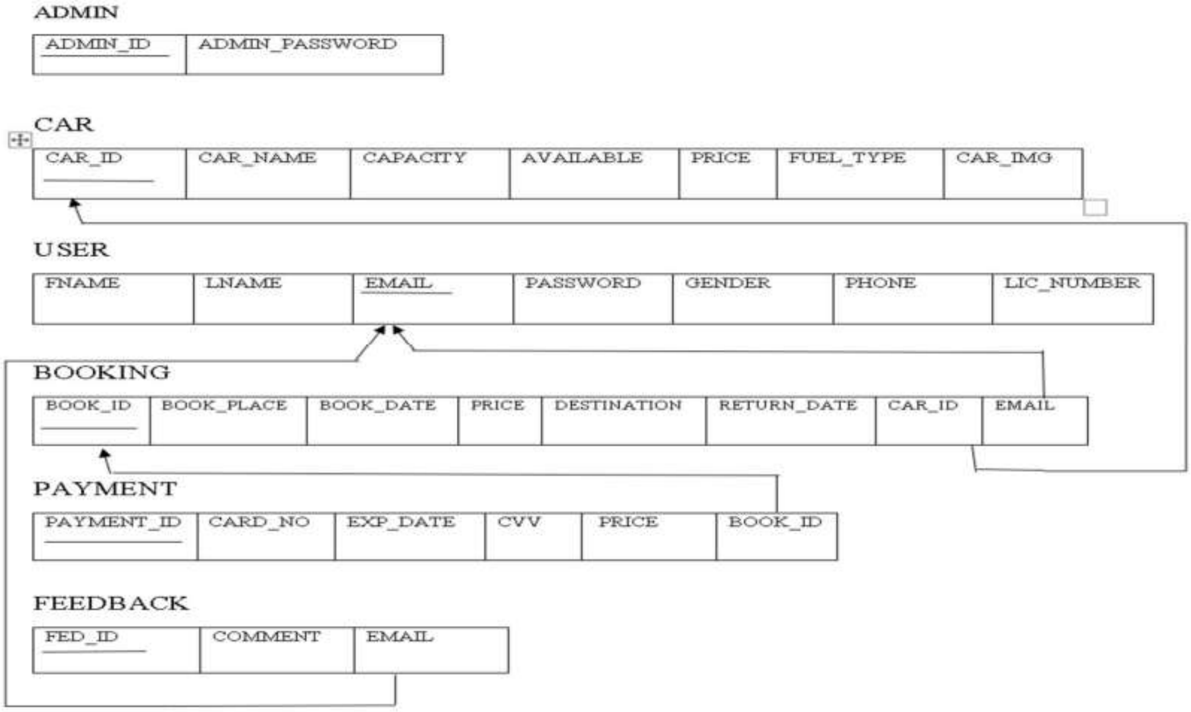


Figure 3.2 Schema Diagram of Car Rental System

3.2.1 DESCRIPTION OF TABLES

The database consists of six tables:

1. ADMIN: It stores the details of admin.

- ADMIN_ID : User name of the admin.
- ADMIN_PASSWORD: Password of the Admin.

2. CAR: It gives the details about the car.

- CAR_ID : Id given to car done by auto increment.
- CAR_NAME: Name of the car.
- CAPACITY: Seat capacity.
- AVAILABLE: Availability of car.
- PRICE: Price of the car.
- FUEL_TYPE: Car fuel type.
- CAR_IMG: Image of car.

3. USER: It stores the details of user.

- FNAME: first name of user.
- LNAME: Last name of user.
- EMAIL: Email of user.
- PASSWORD: Password of user.
- GENDER: Gender of user.
- PHONE: Phone number of user.
- LIC_NUMBER: License no of user.

4. BOOKING: It give the booking details for user.

- BOOK_ID: Booking id done by auto increment.
- BOOK_PLACE: Place of booking.
- BOOK_DATE: Date of booking.
- PRICE: Price of car.
- DESTINATION: Destination.
- RETURN_DATE: Return date.
- CAR_ID: Id given to car and foreign key car associated with booking.
- EMAIL: Email of user and foreign key of user associated with booking

5. PAYMENT: It provides payment option for users.

- PAYMENT_ID: Id given to payment and done by auto increment.
- CARD_NO: Card number.
- EXP_DATE: Expiry Date of card.
- CVV: CVV of card.

- PRICE: Price of car.
- BOOK_ID: Id given to booking and foreign key of booking associated with payment.

6. FEEDBACK: It provides user to give their feedback.

- FEED_ID: id given to the feedback done by auto increment.
- COMMENT: Message about their experience.
- EMAIL: Email of user and foreign key of user associated with feedback.

3.3 BLOCK DIAGRAM

A Block diagram is a diagram of a system in which the principal parts or functions are represented by blocks connected by lines that show the relationships of the blocks. They are heavily used in engineering in hardware design, electronic design, software design, and diagrams. Block diagrams are typically used for higher level, less detailed descriptions that are intended to clarify overall concepts without concern for the details of implementation. Contrast this with the schematic diagrams and layout diagrams used in electrical engineering, which show the implementation details of electrical components and physical construction.

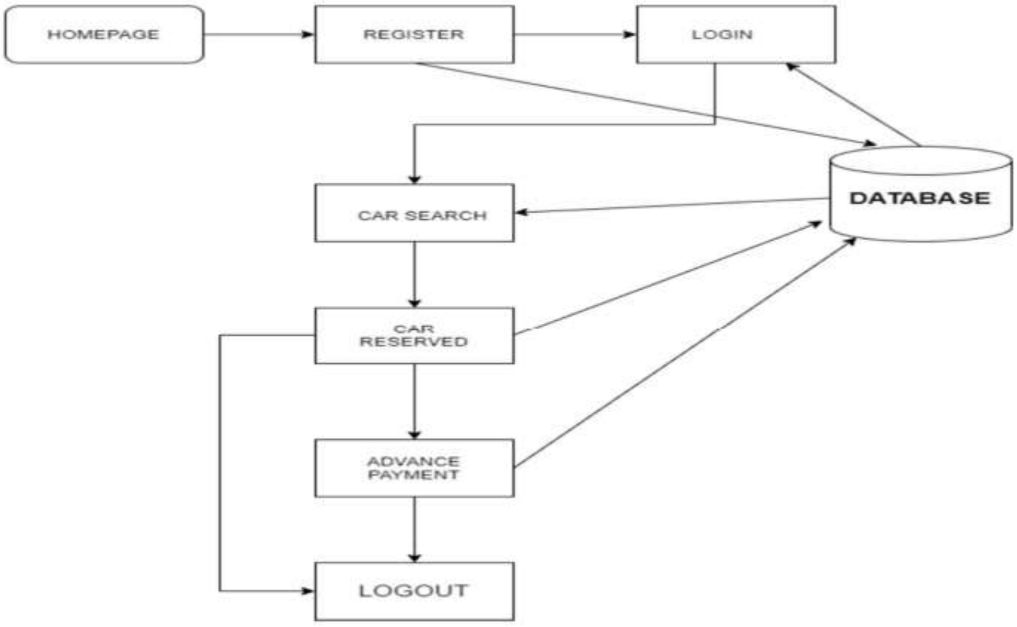


Figure 3.3 Block Diagram of Car Rental System

In the Figure 3.3, the user and admin register themselves by providing their credentials. These credentials are stored in the database. During the login phase, the user and admin details are verified with the data present in the database. After verification, the authentic user can only be allowed to enter and perform necessary operations. These operations include fetching data from the database like adding/updating the car and booking details. The users are allowed to see available cars and can done booking of cars and payment for their booked cars. All these operations are performed on the database and are updated accordingly. After all the intended operations are completed, the user can log out. The details will be present in the database for the next time the user logs in.

3.4 FLOWCHART

A flowchart is a diagram that depicts a process, system or computer algorithm. They are widely used in multiple fields to document, study, plan, improve and communicate often complex processes in clear, easy-to-understand diagrams. Flowcharts, sometimes spelled as flow charts, use rectangles, ovals, diamonds and potentially numerous other shapes to define the type of step, along with connecting arrows to define flow and sequence. They can range from simple, hand drawn charts to comprehensive computer-drawn diagrams depicting multiple steps and routes.

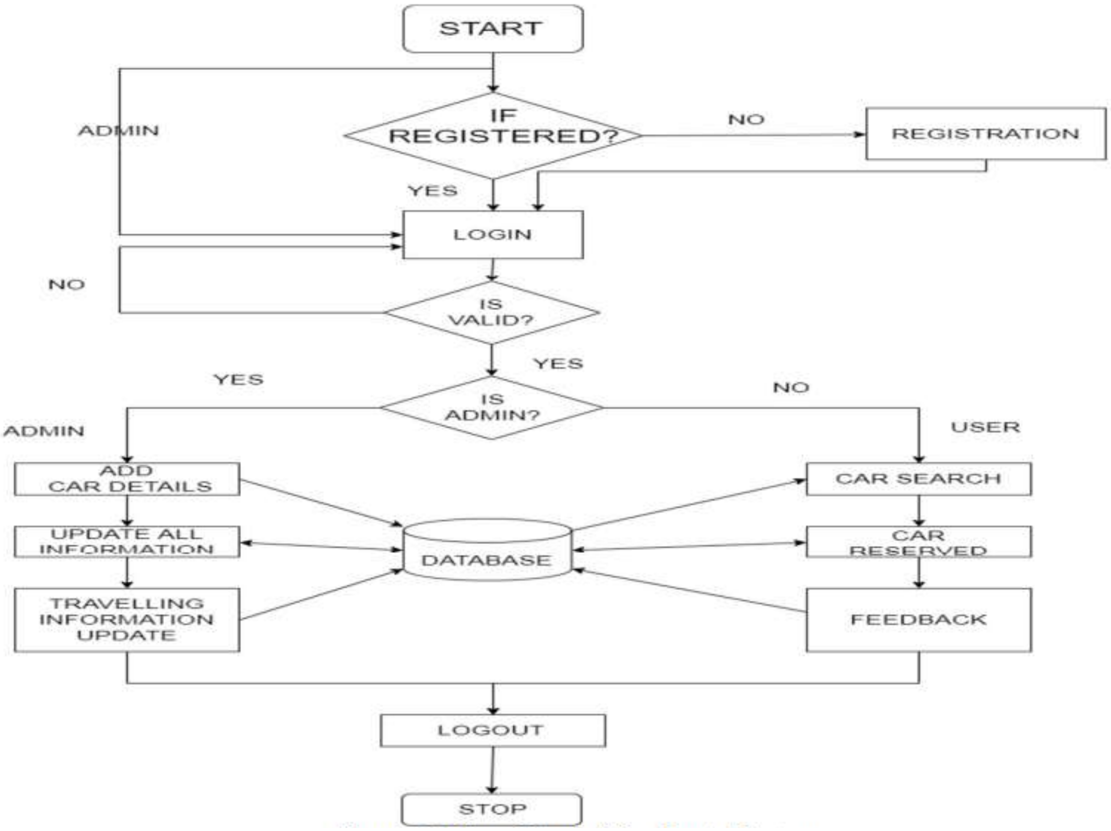


Figure 3.4 Flow Chart of Car Rental System

In the Figure 3.4 the user/admin enters his credentials for registration and later logins. If the login credentials are correct and authentic, he is redirected to his web page. If an admin is an authorized user, he is given the privilege of adding, updating the car, booking, payment details. If an authentic user logs in, he gets the details of car and other related details, then he can view list of cars then he can book car by providing valid details then he can get the booking status of booked status of after making payment. After performing all the operations, the user and admin can save and log out.

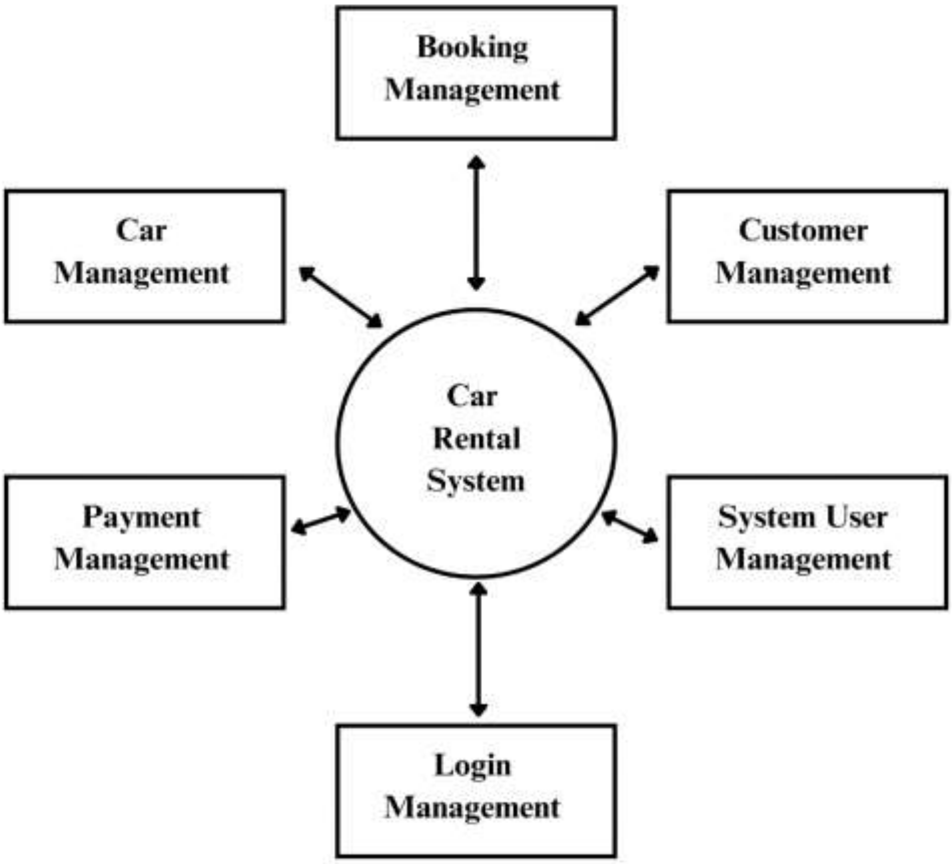
3.5 Data Flow Diagram

Zero Level Data Flow Diagram :

This is the Zero Level DFD of Car Rental System, where we have eloborated the high level process of Car Rental. It's a basic overview of the whole Car Rental System or process being analyzed or modeled. It's designed to be an at-a-glance view of Insurance, Rent and Bill showing the system as a single high-level process, with its relationship to external entities of Car, Customer and Booking. It should be easily understood by a wide audience, including Car, Booking and Insurance In zero leve DFD of Car Rental System, we have described the high level flow of the Car Rental system.

High Level Entities and process flow of Car Rental System:

- Managing all the Car
- Managing all the Customer
- Managing all the Booking
- Managing all the Payment
- Managing all the Insurance
- Managing all the Rent
- Managing all the Bill



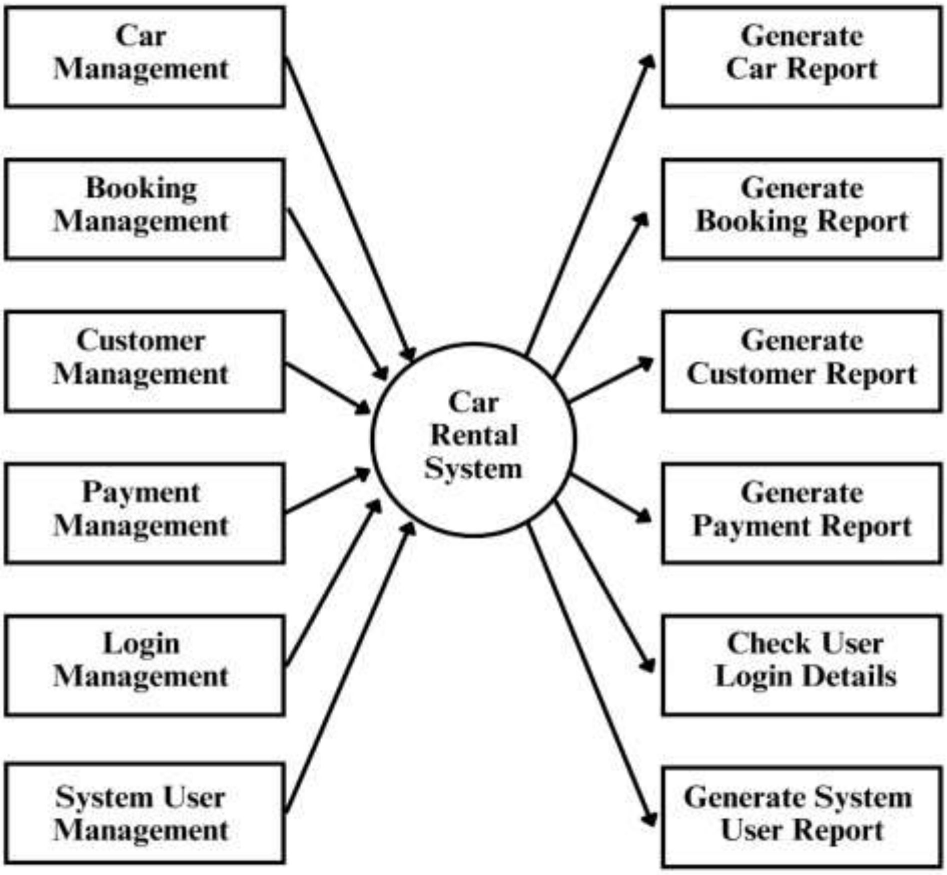
Zero Level DFD - Car Rental System

First Level Data Flow Diagram(1st Level DFD):

First Level DFD (1st Level) of Car Rental System shows how the system is divided into sub-systems (processes), each of which deals with one or more of the data flows to or from an external agent, and which together provide all of the functionality of the Car Rental System system as a whole. It also identifies internal data stores of Bill, Rent, Insurance, Payment, Booking that must be present in order for the Car Rental system to do its job, and shows the flow of data between the various parts of Car, Booking, Rent, Bill, Insurance of the system. DFD Level 1 provides a more detailed breakout of pieces of the 1st level DFD. You will highlight the main functionalities of Car Rental.

Main entities and output of First Level DFD (Ist Level DFD):

- Processing Car records and generate report of all Car
- Processing Customer records and generate report of all Customer
- Processing Booking records and generate report of all Booking
- Processing Payment records and generate report of all Payment
- Processing Insurance records and generate report of all Insurance
- Processing Rent records and generate report of all Rent
- Processing Bill records and generate report of all Bill



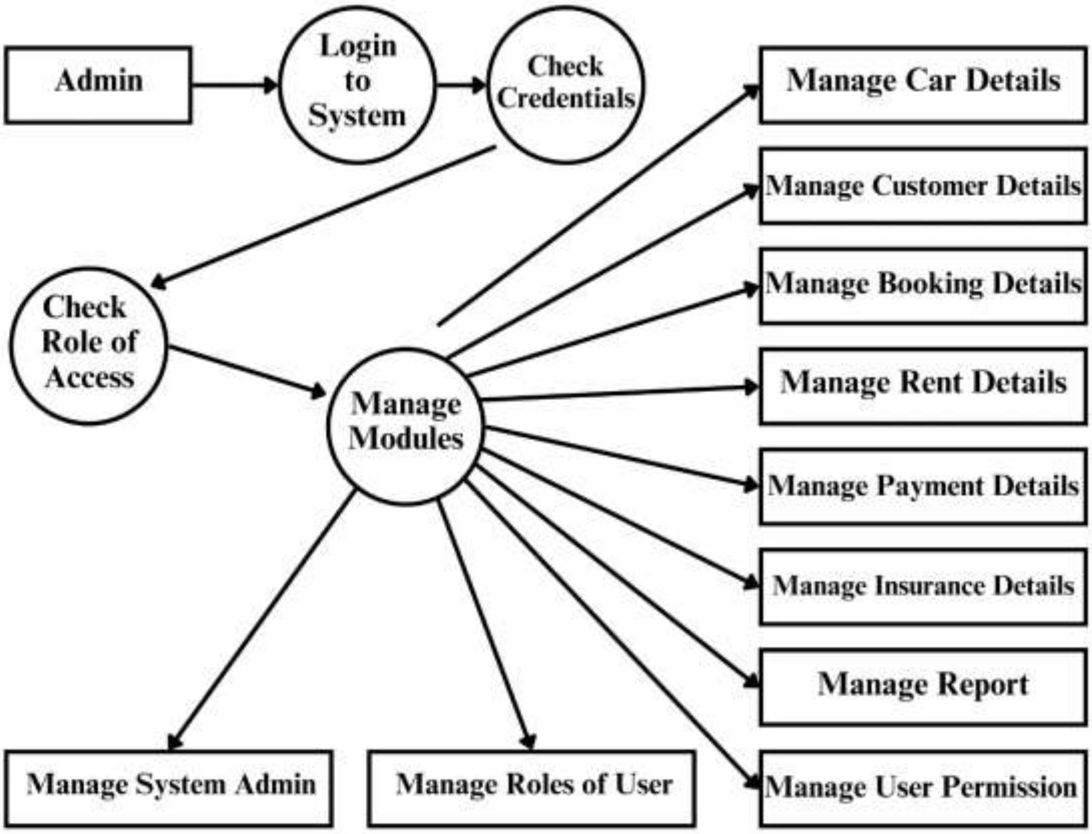
First Level DFD - Car Rental System

Second Level Data Flow Diagram(2nd Level DFD) :

DFD Level 2 then goes one step deeper into parts of Level 1 of Car Rental. It may require more functionalities of Car Rental to reach the necessary level of detail about the Car Rental functioning. First Level DFD (1st Level) of Car Rental System shows how the system is divided into sub-systems (processes). The 2nd Level DFD contains more details of Bill, Rent, Insurance, Payment, Booking, Customer, Car.

Low level functionalities of Car Rental System:

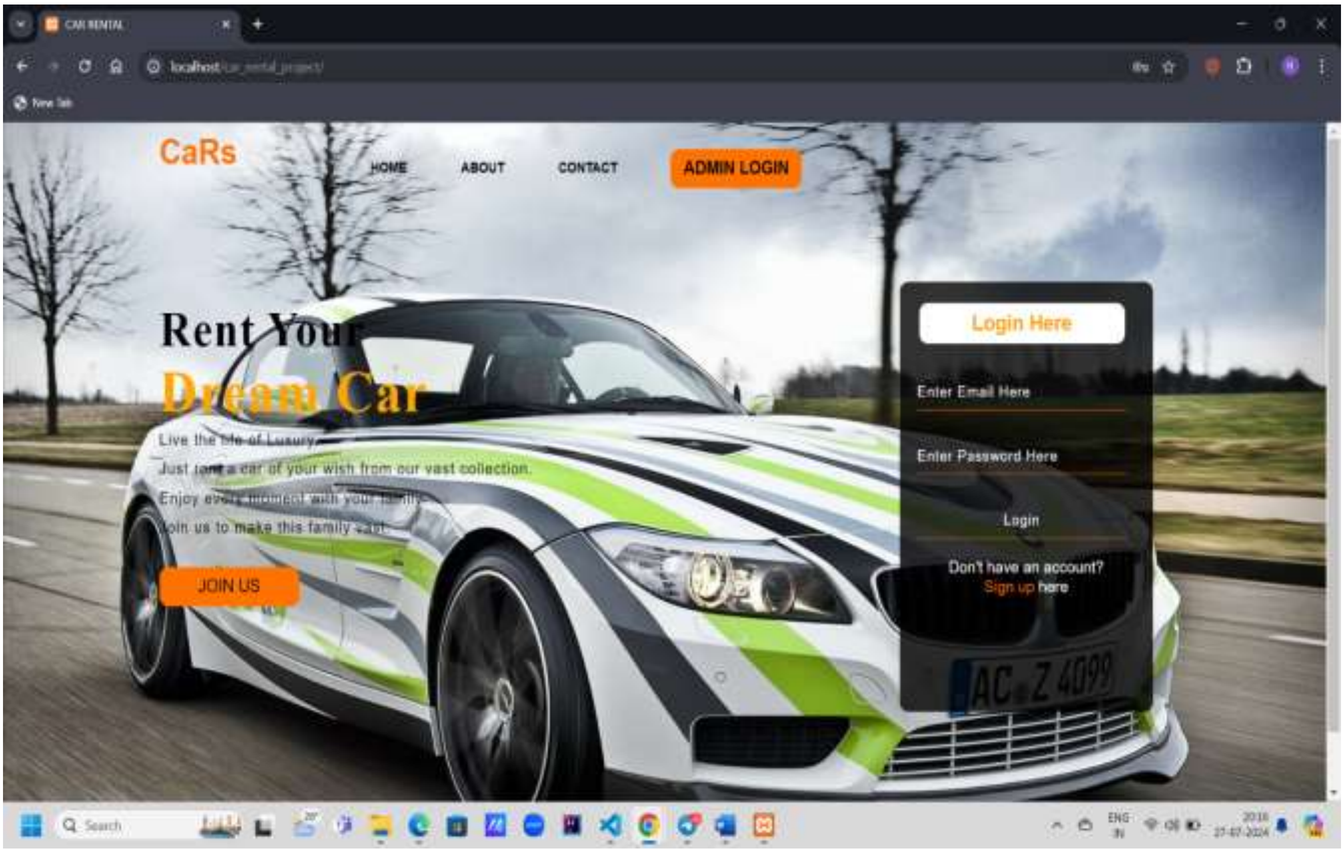
- Admin logins to the system and manage all the functionalities of Car Rental System
- Admin can add, edit, delete and view the records of Car, Booking, Insurance, Bill
- Admin can manage all the details of Customer, Payment, Rent
- Admin can also generate reports of Car, Customer, Booking, Payment, Insurance, Rent
- Admin can search the details of Customer, Insurance, Rent
- Admin can apply different level of filters on report of Car, Payment, Insurance
- Admin can tracks the detailed information of Customer, Booking, Payment,, Insurance



Second Level DFD - Car Rental System

Chapter 4

System Implementation



Rent Your Dream Car

Live the life of Luxury.
Just rent a car of your wish from our vast collection.
Enjoy every moment with your family.
Join us to make this family vast.

4.1 Login page

This screenshot shows the homepage of a car rental website. Here are the key details and elements visible in the screenshot:

Header

The header of the website prominently features the brand name "CaRs," indicating the site's focus on car rentals. The logo is simple yet effective, positioned at the top left corner for immediate brand recognition. Adjacent to the logo are three navigation links labeled "HOME," "ABOUT," and "CONTACT." These links provide easy access to essential sections of the website, allowing users to quickly navigate to the homepage, learn more about the company, or get in touch with customer service. On the top right corner, there's a clearly visible "ADMIN LOGIN" button highlighted in orange, distinguishing it from other elements and making it easy for administrators to access the backend of the site.

Logo

The logo or brand name "CaRs" is displayed prominently at the top left corner.

Home

The "HOME" section of the website serves as the central hub where users first land. It features a visually appealing background image of a luxury car, alongside enticing promotional text such as "Rent Your Dream Car" and "Live the life of Luxury." This section aims to captivate visitors and encourage them to explore the car rental options available. It provides a quick overview of the service, emphasizing the ease and luxury of renting a car from their vast collection.

About

The "ABOUT" section is designed to provide users with information about the company's mission, values, and history. It typically includes details about the company's background, its commitment to customer satisfaction, and the quality of the cars in their fleet. This section helps build trust with potential customers by sharing the story behind the brand and highlighting what sets them apart from competitors.

Contact Us

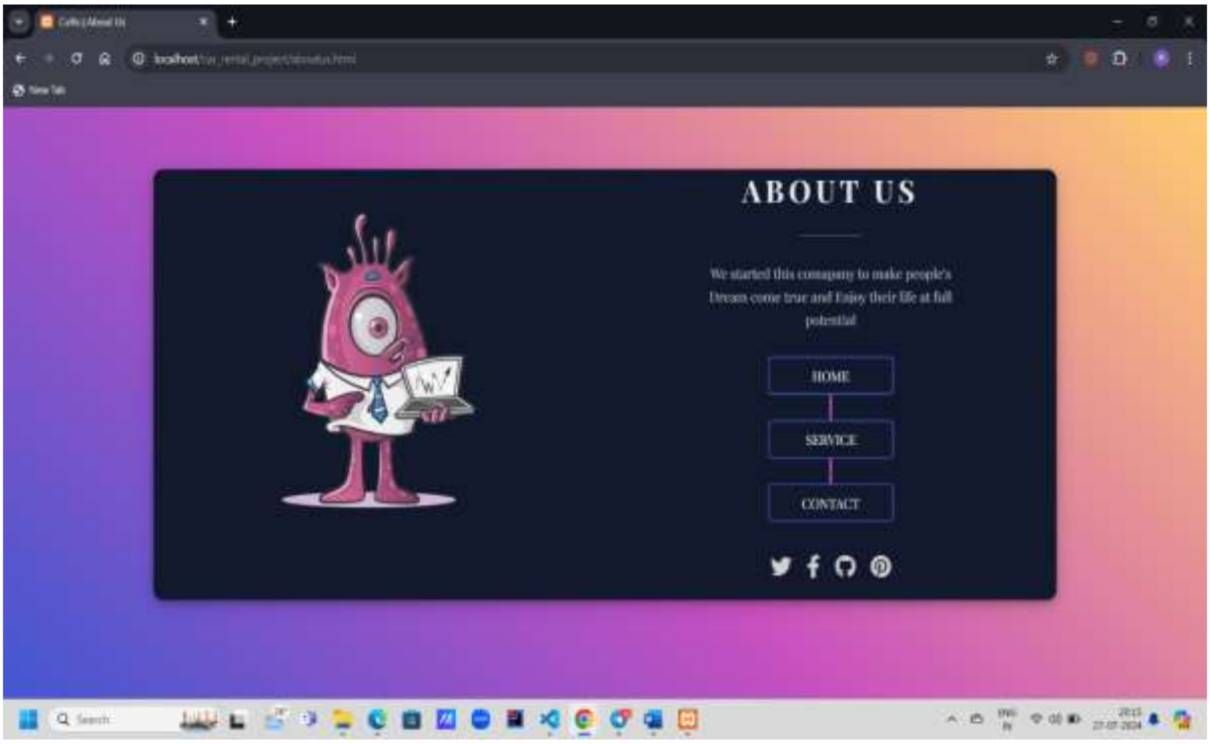
The "CONTACT" section is crucial for customer support and inquiries. It usually contains a form where users can send messages directly to the company's support team, as well as essential contact details like email addresses, phone numbers, and physical addresses. This section ensures that customers can easily reach out for assistance, feedback, or any other questions they might have, fostering good communication and customer service.

Admin Login

The "ADMIN LOGIN" button, prominently displayed in the top right corner, provides a secure entry point for website administrators. This section is crucial for backend management, allowing authorized personnel to log in and perform administrative tasks such as updating content, managing user accounts, and overseeing site functionality. The distinct orange color makes it easily identifiable and accessible for admins.

Join Us

The "JOIN US" button, located prominently in the main content area, invites users to become part of the car rental service community. By clicking this button, users can sign up for an account, gaining access to personalized services, exclusive deals, and streamlined booking processes. This call to action is designed to convert visitors into registered users, enhancing customer engagement and loyalty.



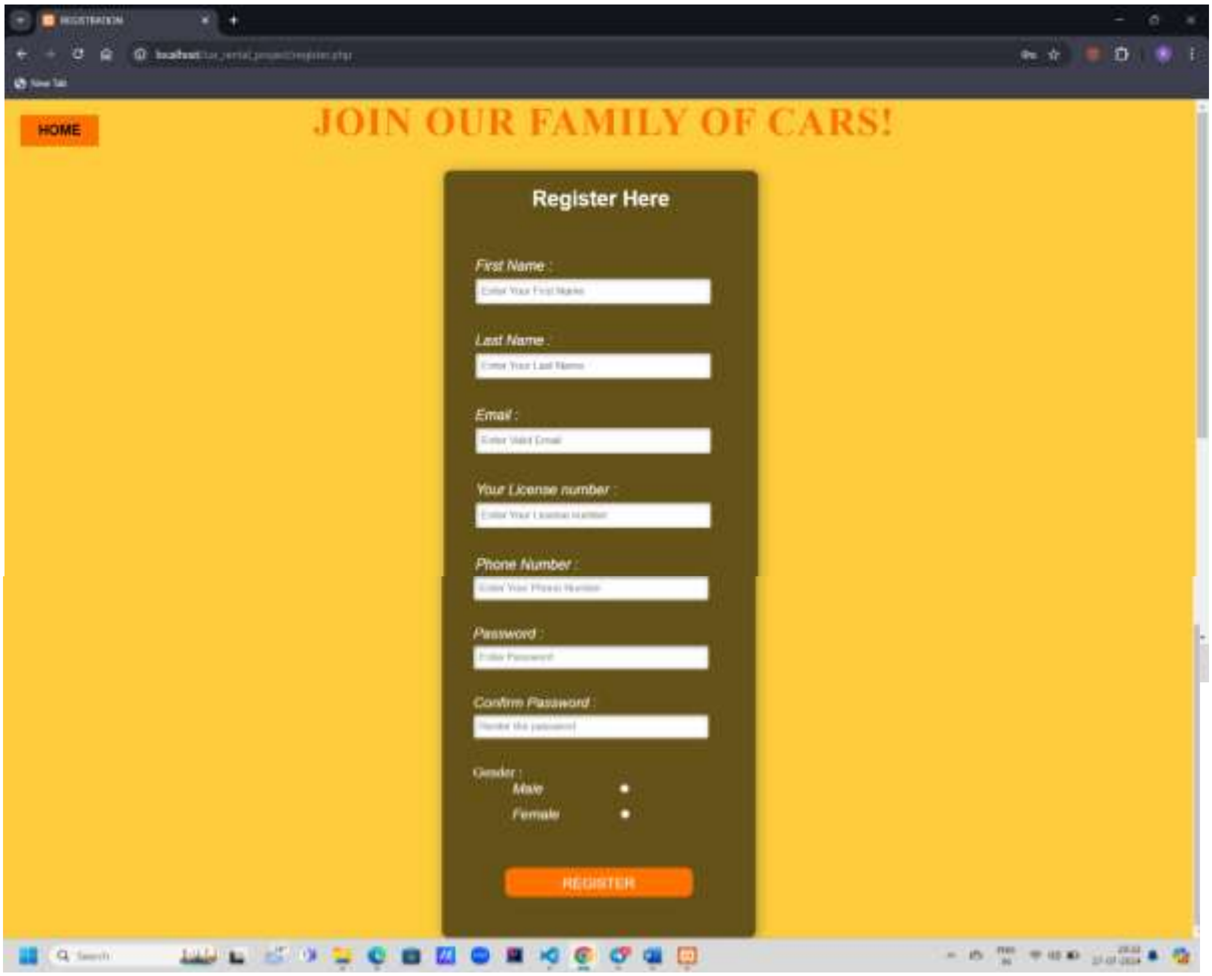
ABOUT US

We started this comapany to make people's Dream come true and Enjoy their life at full potential

4.2 About Us

This screenshot depicts the "About Us" page of the car rental website, "CaRs." The page is designed to provide visitors with insights into the company's mission and values. The visual design combines a gradient background with a dark central panel, ensuring that the content stands out

Navigation buttons labeled "HOME," "SERVICE," and "CONTACT" are neatly organized and easily accessible, allowing users to explore other parts of the website effortlessly. At the bottom of the panel, social media icons for Twitter, Facebook, GitHub, and Pinterest encourage users to connect with the company on various platform.



JOIN OUR FAMILY OF CARS!

Register Here

First Name : Enter Your First Name

Last Name : Enter Your Last Name

Email : Enter Valid Email

Your License number : Enter Your License number

Phone Number : Enter Your Phone Number

Password : Enter Password

Confirm Password : Reenter the password

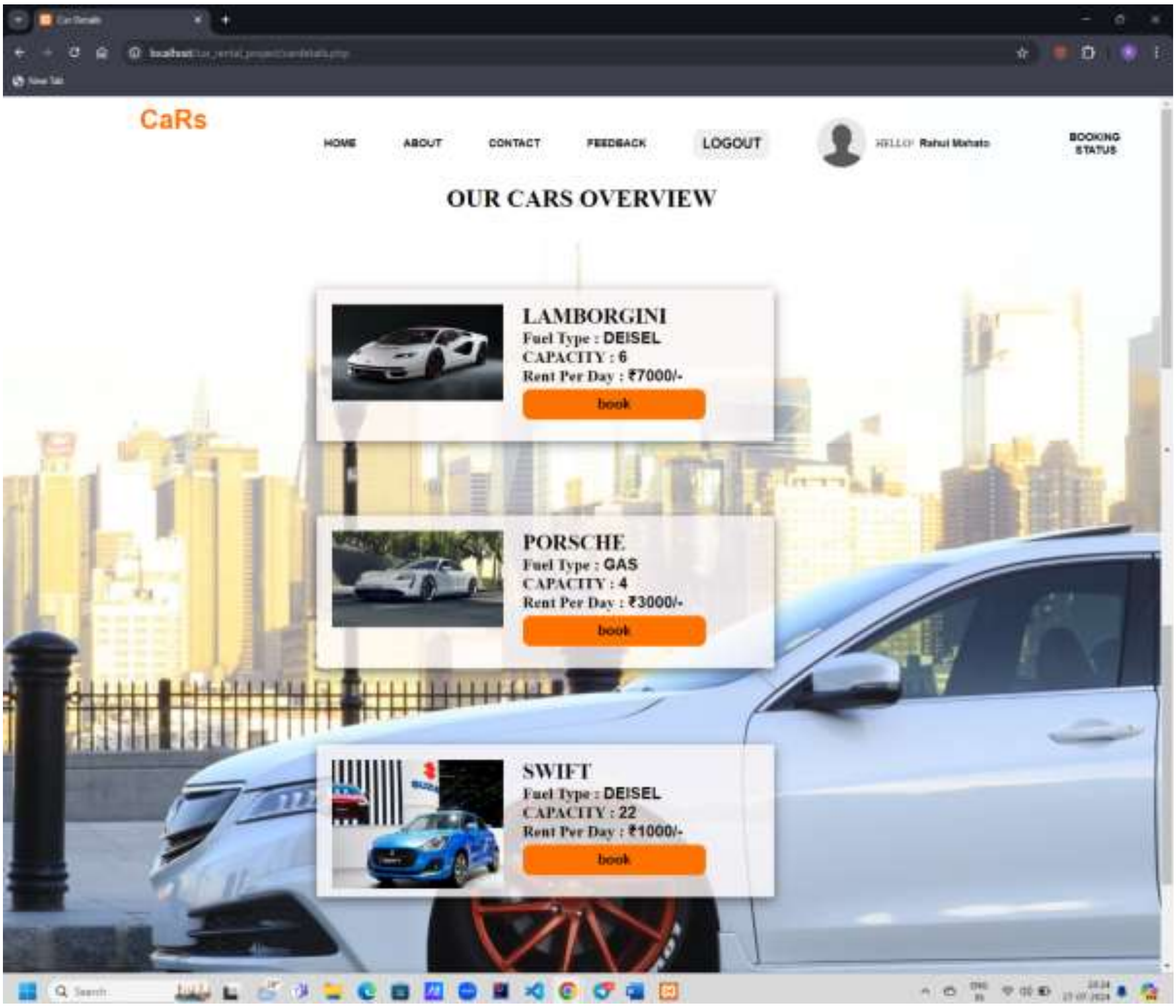
Gender :
Male ●
Female ●

4.3 Registration Page

The image shows a web page for registration in a car rental project. The registration form includes the following fields:

1. **First Name: A field to enter the user's first name.**
2. **Last Name: A field to enter the user's last name**
3. **Email**: A field to enter a valid email address.
4. **License Number**: A field for entering the user's driving license number.
5. **Phone Number**: A field to enter the user's phone number.
6. **Password**: A field to set a password for the account.
7. **Confirm Password**: A field to re-enter the password to confirm it.
8. **Gender**: Options for selecting the user's gender (Male or Female).

At the bottom, there is a "REGISTER" button to submit the form. The form is styled with a yellow and brown color scheme.



OUR CARS OVERVIEW

LAMBORGINI
Fuel Type : DEISEL
CAPACITY : 6
Rent Per Day : ₹7000/-

PORSCHE
Fuel Type : GAS
CAPACITY : 4
Rent Per Day : ₹3000/-

SWIFT
Fuel Type : DEISEL
CAPACITY : 22
Rent Per Day : ₹1000/-

4.4 Car Details

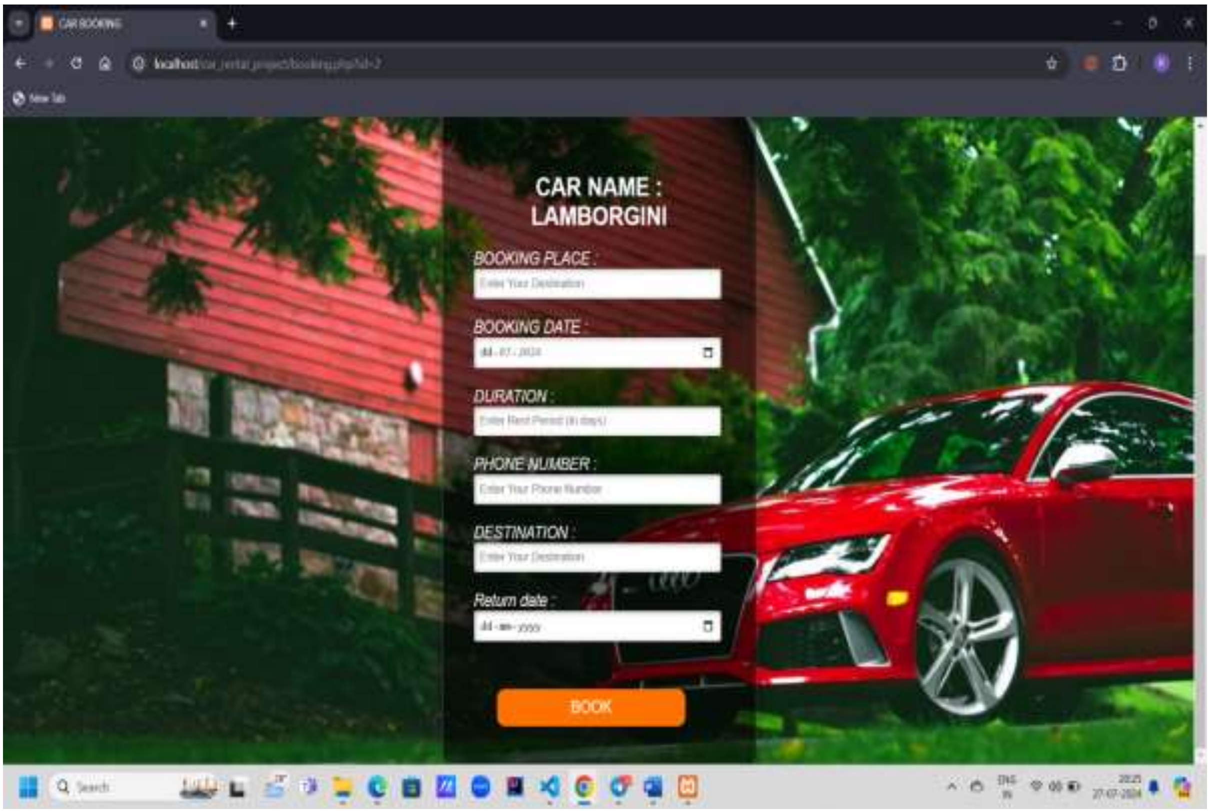
The image shows a webpage titled "Car Details" from a car rental project. The page features an overview of available cars for rent, each with specific details and a booking option.

Car Listings:

Each car listing includes:

- **Car Name**: The first car listed is a "LAMBORGINI."
- **Fuel Type**: The Lamborghini has "DIESEL" as its fuel type.
- **Capacity**: The car has a capacity of 6 people.
- **Rent Per Day**: The rental price for the Lamborghini is ₹7000 per day.
- A "**Book**" button allows users to proceed with booking the car.

The webpage provides an interface for users to view car options and details, and proceed with booking a vehicle.



CAR NAME : LAMBORGINI

BOOKING PLACE : Enter Your Destination

BOOKING DATE : dd-07-2024

DURATION : Enter Rent Period (in days)

PHONE NUMBER : Enter Your Phone Number

DESTINATION : Enter Your Destination

Return date : dd-mm-yyyy

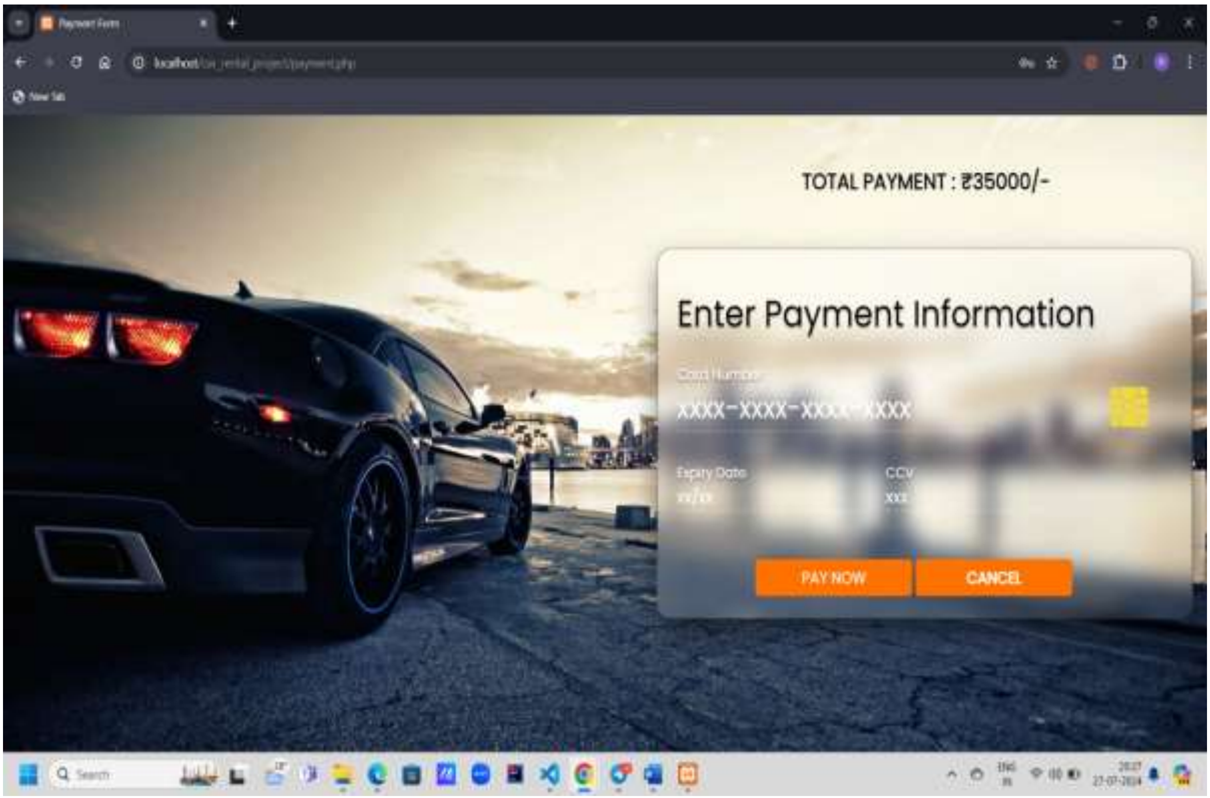
4.5 Booking page

The image shows a car booking page for a car rental project, specifically for a Lamborghini. The page includes a form that users must fill out to book the car.

Booking Form Fields:

- **Booking Place**: A field to enter the user's destination.
- **Booking Date**: A date picker field for selecting the booking date, with the format "dd-mm-yyyy."
- **Duration**: A field to enter the rental period in days.
- **Phone Number**: A field for the user to provide their phone number.
- **Destination**: Another field to specify the destination for the car rental.
- **Return Date**: A date picker for selecting the return date, also in the "dd-mm-yyyy" format.
- A "**Book**" button allows users to proceed with booking the car.

This page provides a detailed form for users to input necessary information for booking a Lamborghini, including dates, duration, and contact details.



TOTAL PAYMENT : ₹35000/-

Enter Payment Information

Card Number

XXXX-XXXX-XXXX-XXXX

Expiry Date

xx/xx

CCV

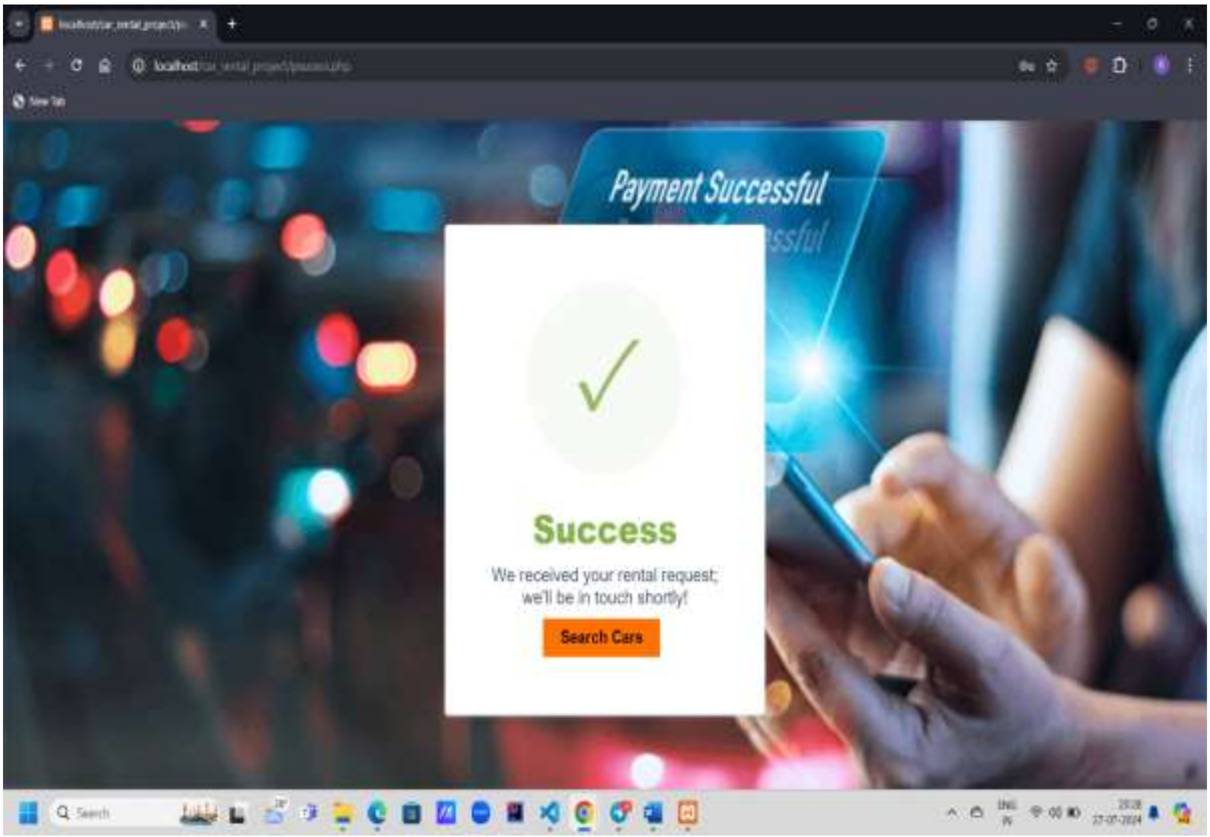
xxx

4.6 Payment Page

The image shows a payment page for a car rental project. Here are the details:

1. **Total Payment**: The amount to be paid is displayed as ₹35,000.
2. **Payment Information Form**:
   - **Card Number**: A field for entering the credit or debit card number.
   - **Expiry Date**: A field for entering the card's expiry date in the format "xx/xx."
   - **CCV**: A field for the card's security code (CCV or CVV), typically a three-digit number.
3. **Buttons**:
   - **Pay Now**: A button to submit the payment information and process the transaction.
   - **Cancel**: A button to cancel the payment process.

This page is designed for users to complete their payment for a car rental, entering their card details and submitting them to finalize the booking.



Success

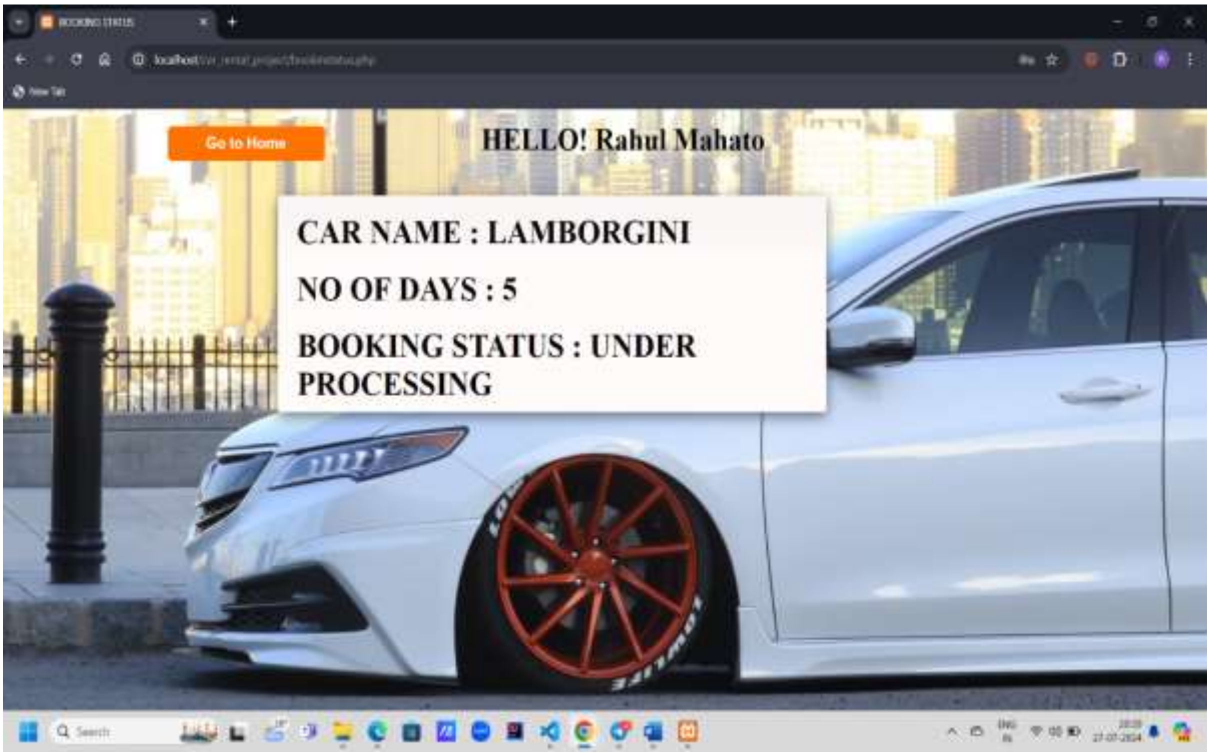
We received your rental request; we'll be in touch shortly!

4.7 Payment Successful page

The image shows a confirmation page for a successful car rental payment on a website.

1. **Confirmation Message**:
   - This assures the user that the company has acknowledged their request and will follow up.
2. **Button**:
   - There is a "Search Cars" button, allowing the user to explore more vehicles or make another rental booking.

This page serves to confirm the completion of the rental transaction and provide the user with a next step, such as browsing more cars.



HELLO! Rahul Mahato

CAR NAME : LAMBORGINI

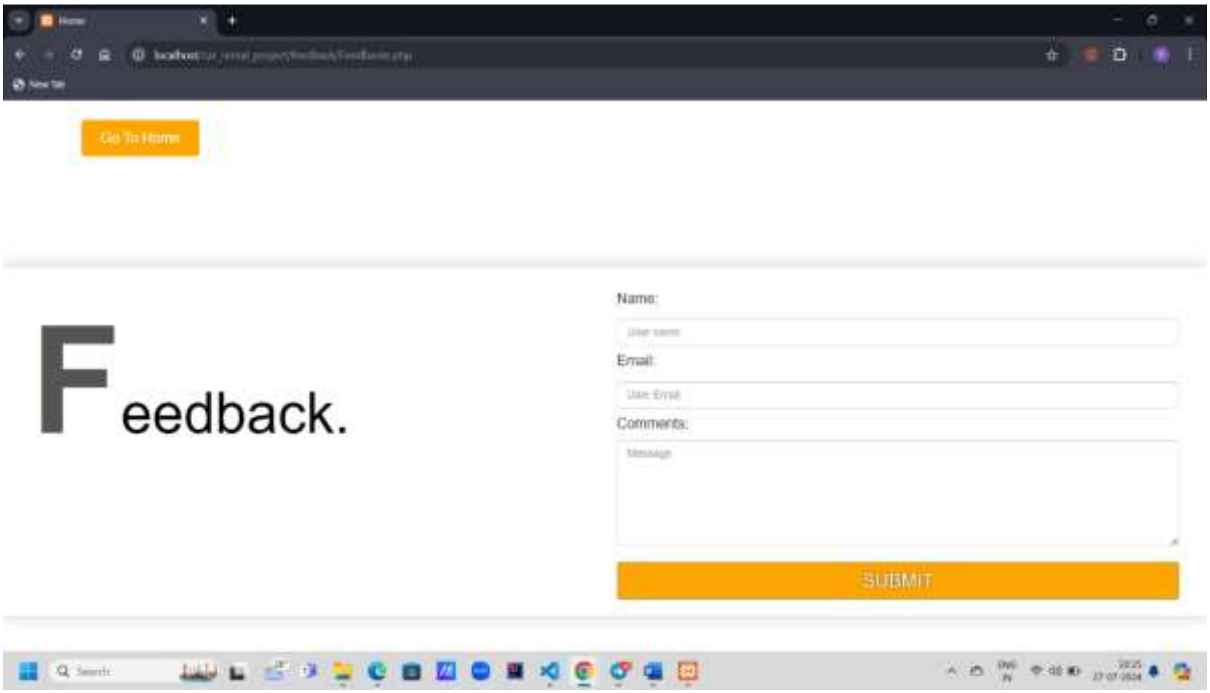
NO OF DAYS : 5

BOOKING STATUS : UNDER PROCESSING

4.8 Booking Status

The screenshot shows a "Booking Status" page for a car rental service.It includes:

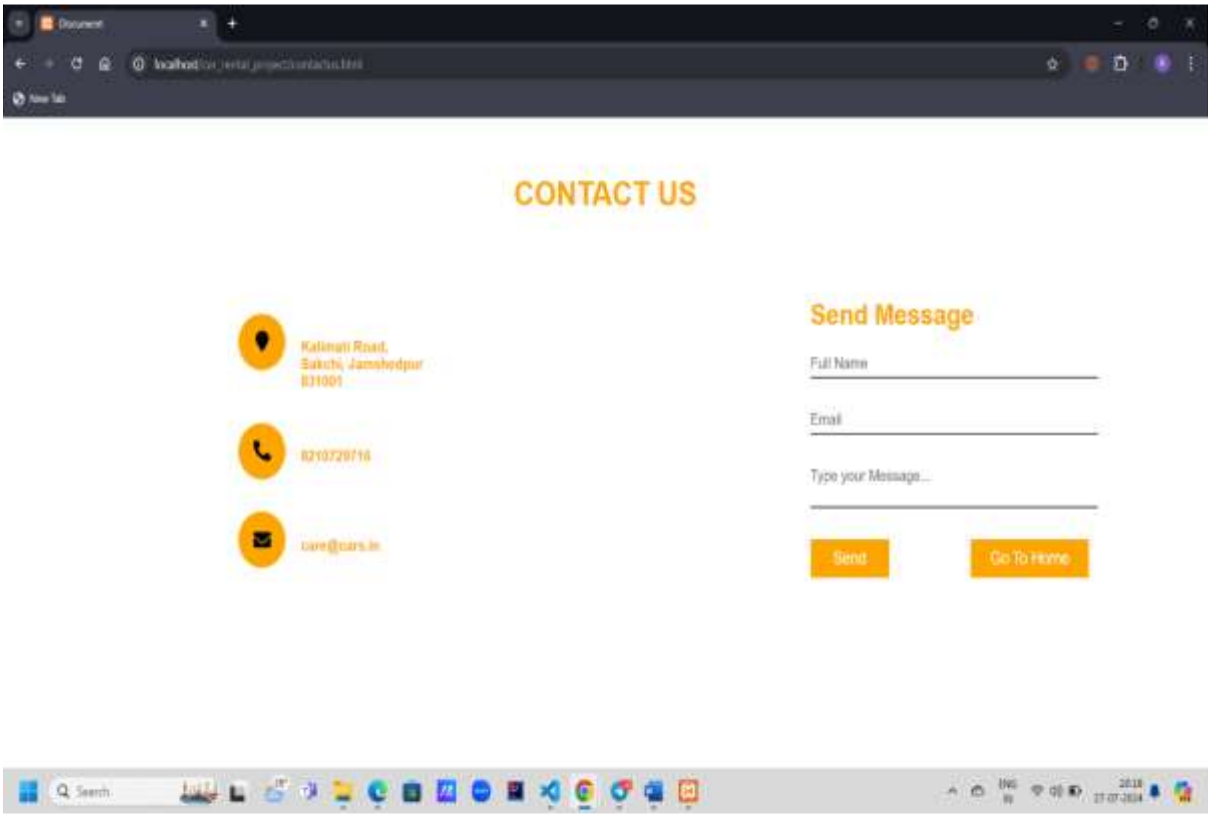
1. **User Greeting**:
   - The page greets the user with "HELLO! Rahul Mahato," indicating that the user is logged in and the system recognizes them.
2. **Car Rental Details**:
   - **Car Name**: The rented car is a "Lamborghini."
   - **Number of Days**: The car is booked for "5" days.
   - **Booking Status**: The status of the booking is "Under Processing," indicating that the request is being handled but is not yet finalized.
3. **Navigation**:
   - There is a prominent "Go to Home" button at the top, allowing the user to return to the homepage of the website.



4.9 Feedback Page

The screenshot displays a "Feedback" page for a car rental service. Here are the details of the page:

1. **Page Title and Header**:
   - The page is titled "Feedback," prominently displayed with a large "F" and the word "Feedback." This indicates that the purpose of this page is to collect user feedback.
2. **Feedback Form**:
   - The form allows users to provide their feedback by entering the following details:
     - **Name**: A text box where the user can enter their name.
     - **Email**: A text box for entering the user's email address.
     - **Comments**: A larger text area for the user to write their feedback, comments, or suggestions.
3. **Submit Button**:
   - There is a "SUBMIT" button in bright orange at the bottom of the form. Users can click this button to submit their feedback.
4. **Navigation**:
   - At the top left, there is a "Go To Home" button, which allows users to return to the homepage of the website.



CONTACT US

Kalimati Road,
Bakchi, Jamshedpur
831001

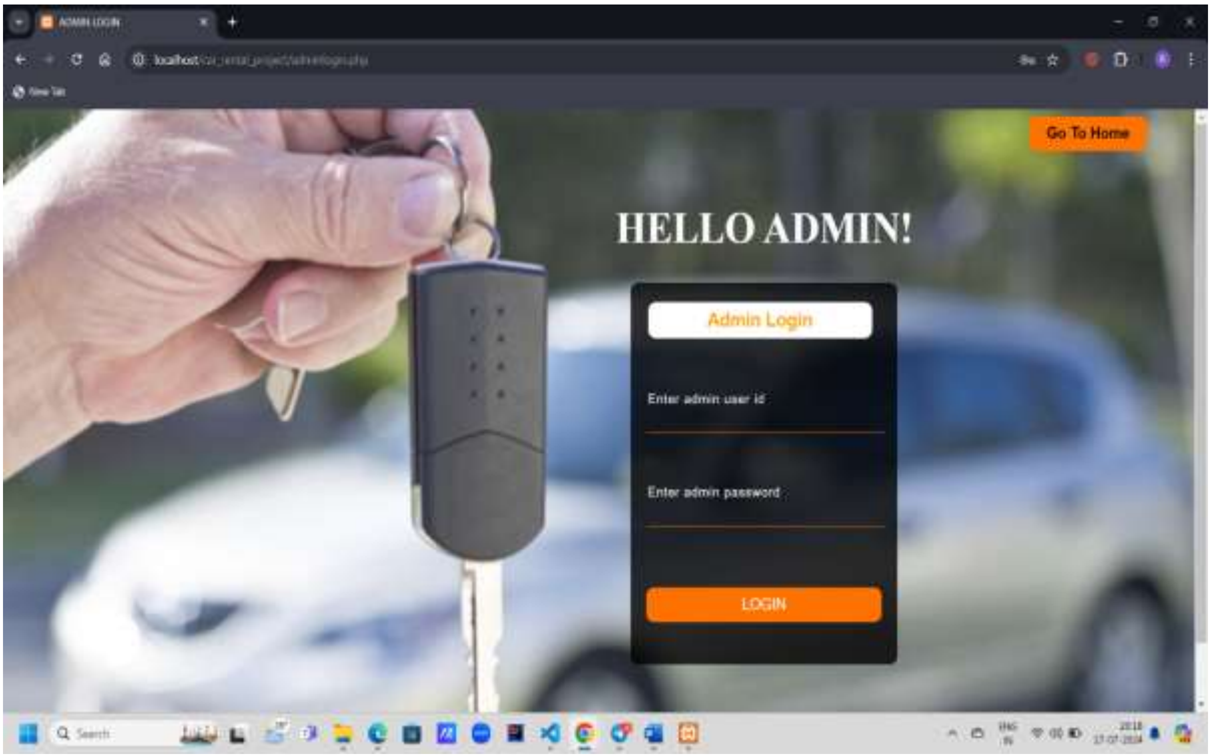
8210729716

care@cars.in

Send Message

4.10 Contact Us

A "Contact Us" page serves as a vital communication bridge between a website and its visitors. It typically provides essential contact information such as the company's address, phone number, and email, allowing customers to easily reach out for inquiries, support, or feedback. Additionally, a contact form is often included, enabling users to send messages directly through the website by providing their name, email, and a detailed message. This page is crucial for fostering customer relationships, enhancing user experience, and providing a direct line of communication with the business.



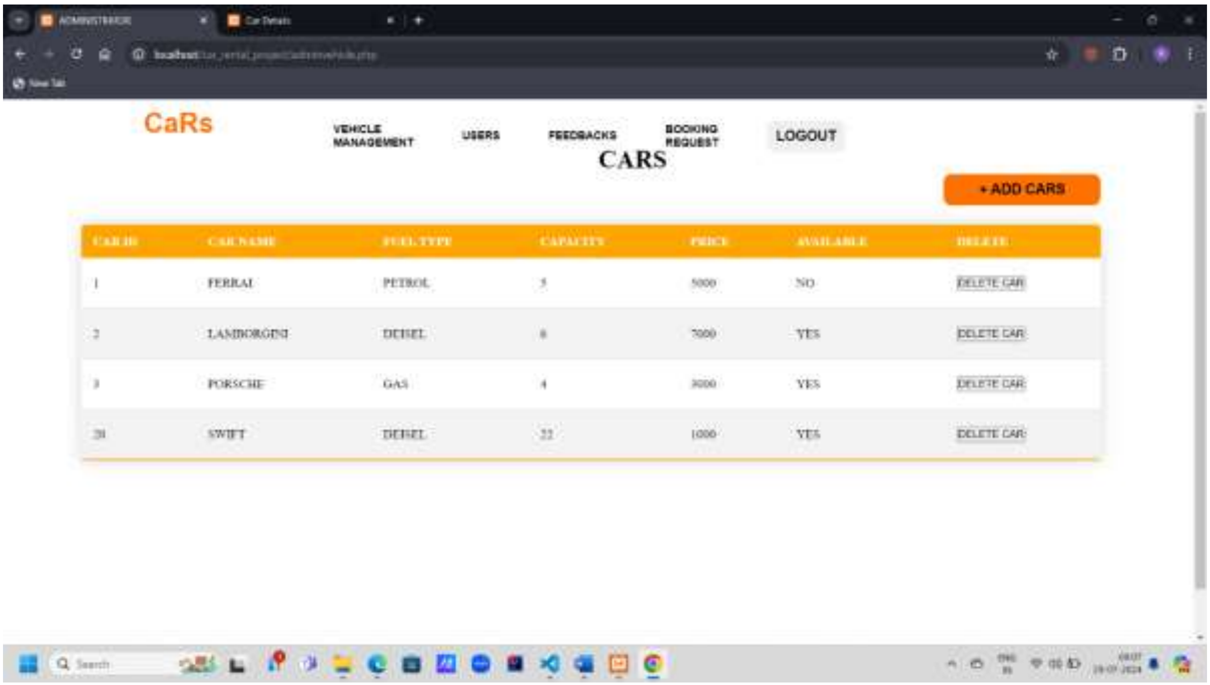
4.11 Admin Login

This webpage appears to be an "Admin Login" page for a car rental management system.

Login Form:

- **Username Field**: For entering the admin user ID.
- **Password Field**: For entering the admin password.
- **Login Button**: A button labeled "LOGIN" to submit the credentials.

The "ADMIN LOGIN" button, prominently displayed in the top right corner, provides a secure entry point for website administrators. This section is crucial for backend management, allowing authorized personnel to log in and perform administrative tasks such as updating content, managing user accounts, and overseeing site functionality. The distinct orange color makes it easily identifiable and accessible for admins.

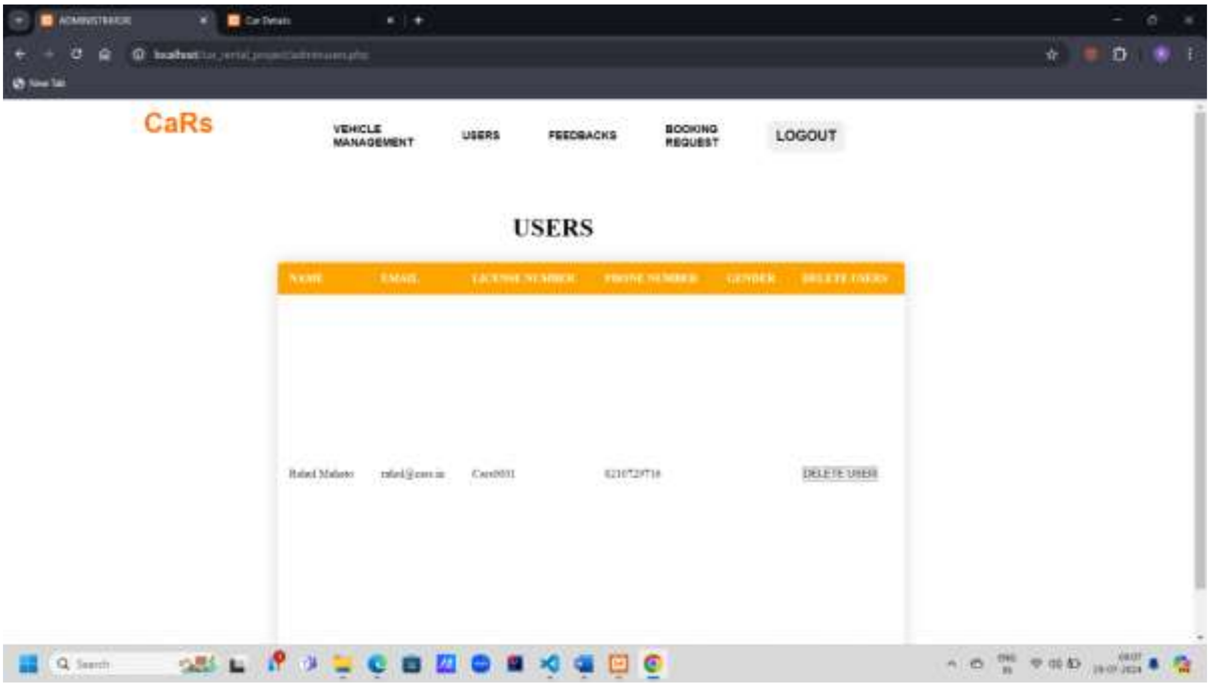


CARS

CAR ID	CAR NAME	FUEL TYPE	CAPACITY	PRICE	AVAILABLE	DELETE
1	FERRAI	PETROL	5	5000	NO	DELETE CAR
2	LAMBORGINI	DEISEL	6	7000	YES	DELETE CAR
3	PORSCHE	GAS	4	3000	YES	DELETE CAR
20	SWIFT	DEISEL	22	1000	YES	DELETE CAR

4.12 Vehicle Management Page

This screenshot indicates vehicle management page. It contains the details like car id, car name, fuel type, capacity, price, available, delete where admin can see the car availability status and delete the car details.

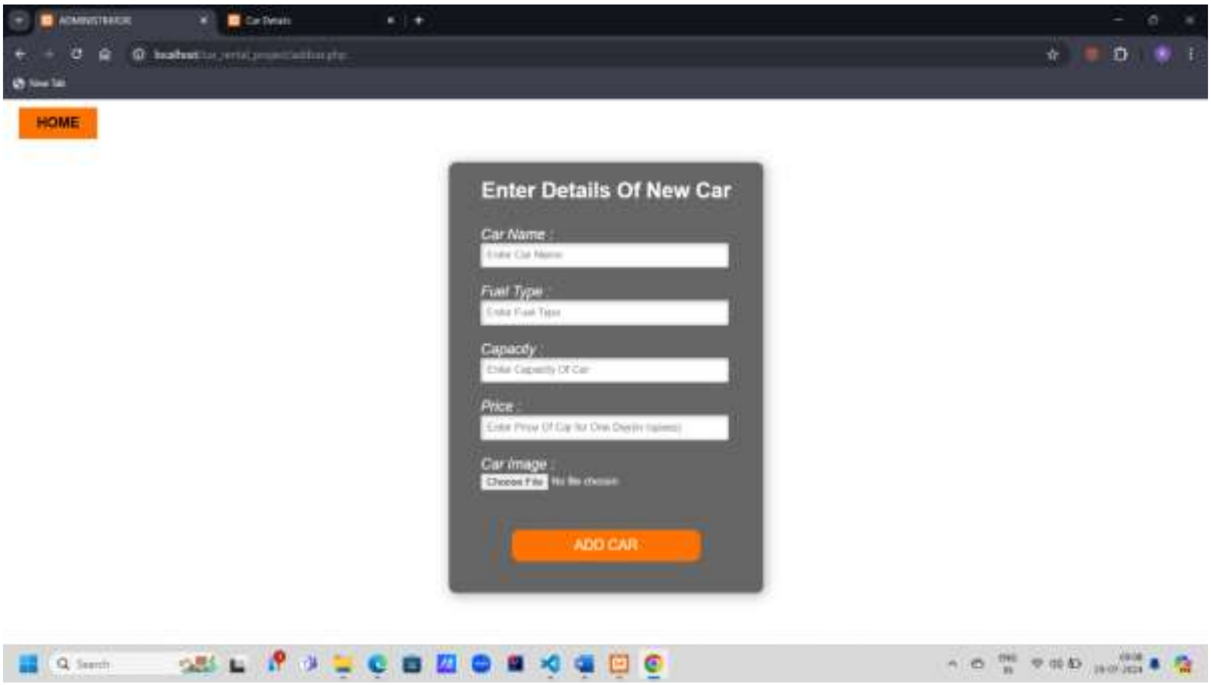


USERS

NAME	EMAIL	LICENSE NUMBER	PHONE NUMBER	GENDER	DELETE USERS
Rahul Mahato	rahul@cars.in	Cars0031	8210729718		DELETE USER

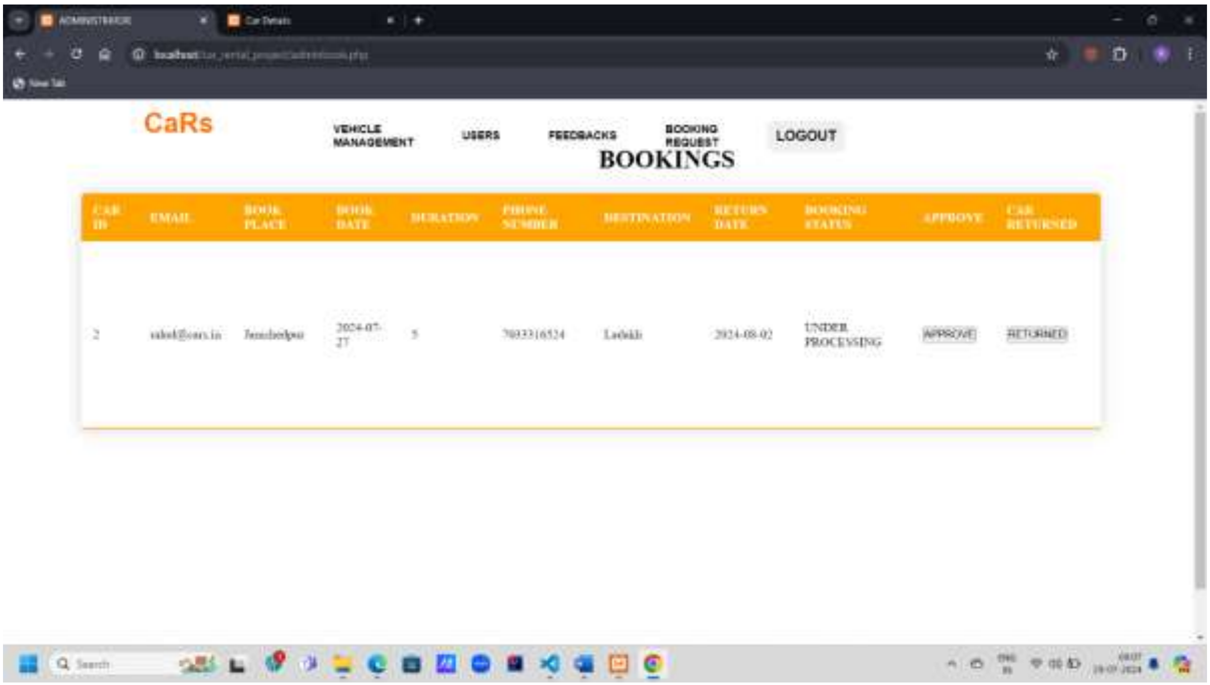
4.13 Users Page

This screenshot indicates User page.It includes details like name,email,license no,phone number,gender,delete user where admin can delete the user details.



4.14 Add Cars Page

This screenshot indicates add car page. It includes details like car name, fuel type, capacity, price, car image where admin can add the new car details by specifying it’s details.



BOOKINGS

CAR ID	EMAIL	BOOK PLACE	BOOK DATE	DURATION	PHONE NUMBER	DESTINATION	RETURN DATE	BOOKING STATUS	APPROVE	CAR RETURNED
2	rahul@cars.in	Jamshedpur	2024-07-27	5	7033316524	Ladakh	2024-08-02	UNDER PROCESSING	APPROVE	RETURNED

4.15 Bookings Page

This screenshot indicates booking page. It includes the details like car id, email, book place, book date, phone number, destination, return date, booking status, approve, car returned where admin can give approve to the bookings done by the user and can also check the returned status of the car.

Chapter 5

TESTING

Software testing is the process of used to identify the correctness, security, completeness and quality of developed computer software. This includes the process of executing the program or applications with the intent of finding errors. An individual unit, functions or procedures of developed project is verified and validated and these units are fit for use.

5.1 Testing process

Best testing process is to test each subsystem separately, as we have done in project. Best done during implementation. Best done after small sub-steps of the implementation rather than large chunks. Once each lowest level unit has been tested, units are combined with related units and retested in combination. This proceeds hierarchically bottom-up until the entire system is tested as a whole.

5.1.1 Unit testing

Unit testing is the process of testing individual software components unit or modules. Since it needs the detailed knowledge of the internal program design and code this task is done by the programmer and not by testers.

5.1.2 Integration Testing

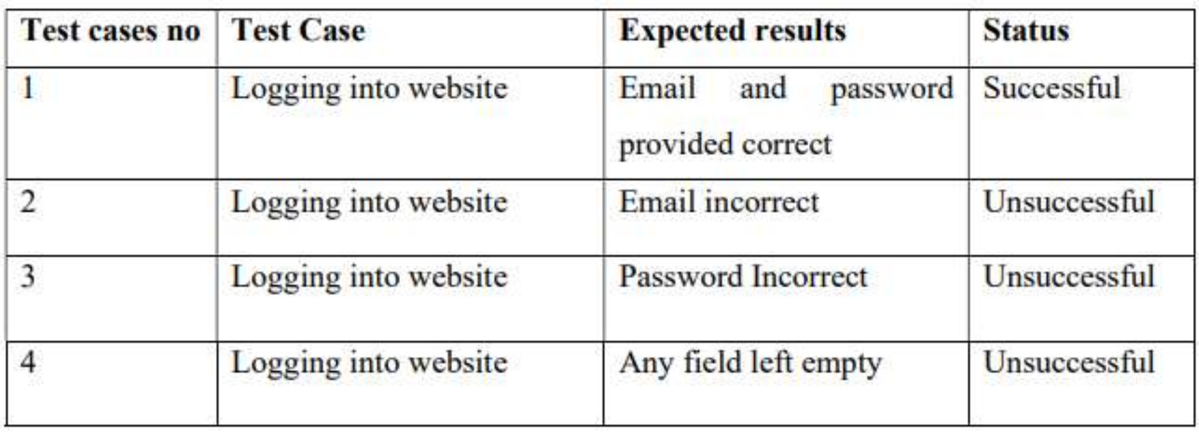
Integration testing is another aspect of testing that is generally done in order to uncover errors associated with the flow of data across interfaces. The unit-tested modules are grouped together and tested in small segment, which makes it easier to isolate and correct errors. This approach is continued until we have integrated all modules to form the system as a whole. After the completion of each module it has been combined with the remaining module to ensure that the project is working properly as expected.

5.1.3 System Testing

System testing tests a completely integrated system to verify that it meets its requirements. After the completion of the entire module they are combined together to test whether the entire project is working properly.

5.2 Test Cases

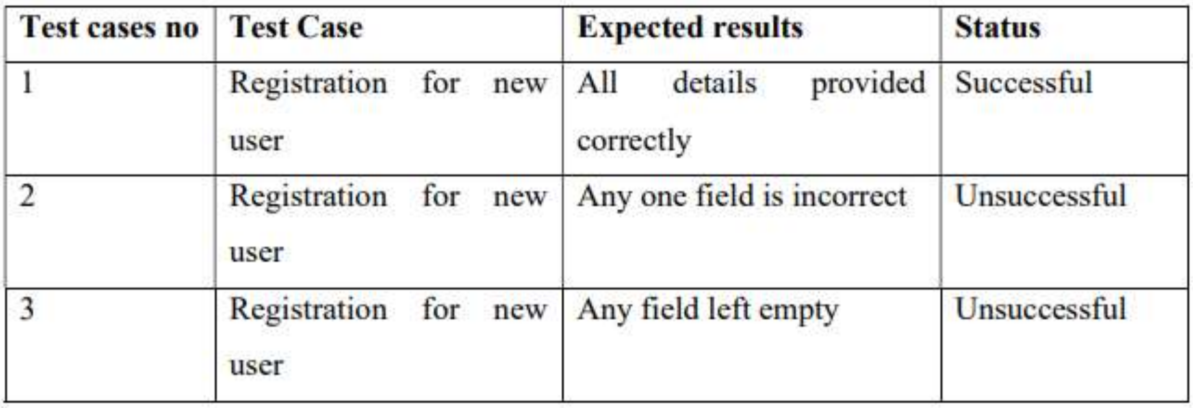
A Test Case is a software testing document, which consists of events, action, input, output, expected result and actual result. Technically a test case includes test description, procedure, expected result and remarks. Test cases should be based primarily on the software requirements and developed to verify correct functionality and to establish conditions that reveal potential errors.



Test cases no	Test Case	Expected results	Status
1	Logging into website	Email and password provided correct	Successful
2	Logging into website	Email incorrect	Unsuccessful
3	Logging into website	Password Incorrect	Unsuccessful
4	Logging into website	Any field left empty	Unsuccessful

Table 5.1 Test Case for Login

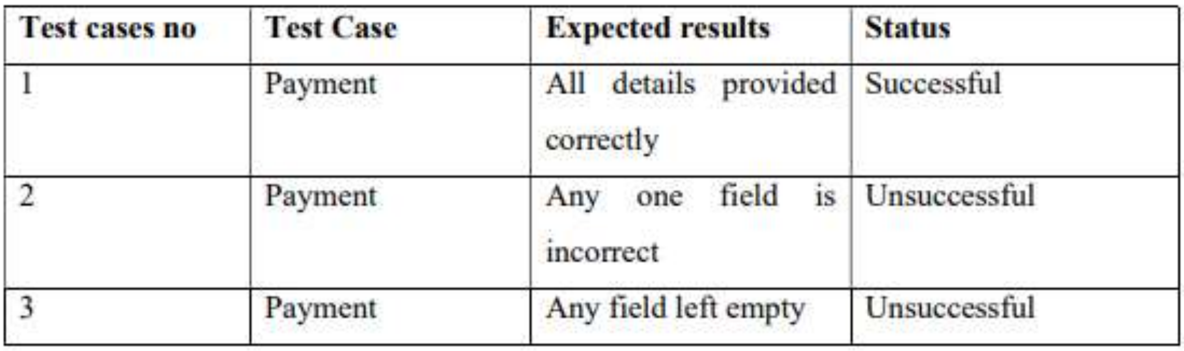
Table 5.1 represents the test case for login module. It shows both successful and unsuccessful results for the test cases.



Test cases no	Test Case	Expected results	Status
1	Registration for new user	All details provided correctly	Successful
2	Registration for new user	Any one field is incorrect	Unsuccessful
3	Registration for new user	Any field left empty	Unsuccessful

Table 5.2 Test Case for Signup

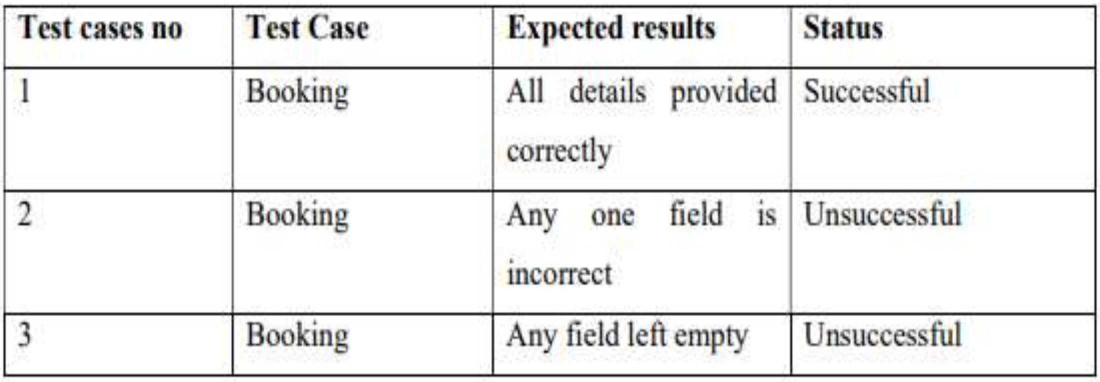
Table 5.2 represents the test case for sign up module. It shows both successful and unsuccessful results for the test cases.



Test cases no	Test Case	Expected results	Status
1	Payment	All details provided correctly	Successful
2	Payment	Any one field is incorrect	Unsuccessful
3	Payment	Any field left empty	Unsuccessful

Table 5.3 Test Case for Payment

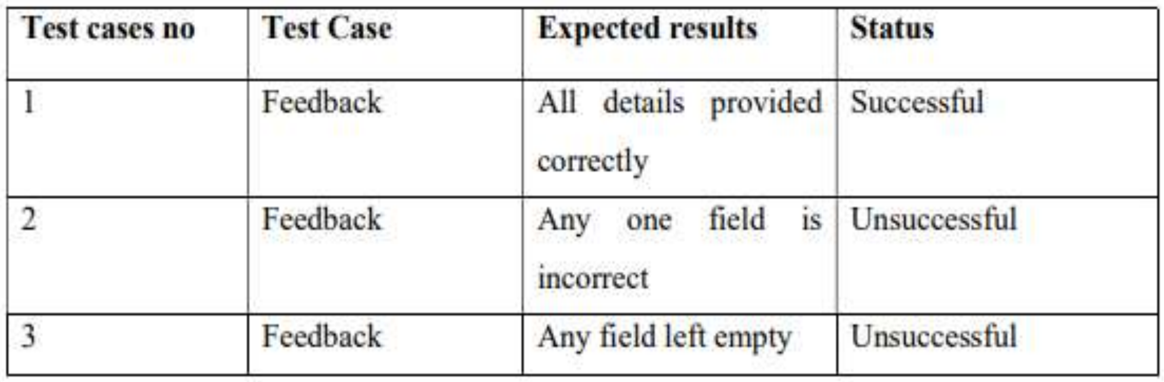
Table 5.3 represents the test case for Payment module. It shows both successful and unsuccessful results for the test cases.



Test cases no	Test Case	Expected results	Status
1	Booking	All details provided correctly	Successful
2	Booking	Any one field is incorrect	Unsuccessful
3	Booking	Any field left empty	Unsuccessful

Table 5.4 Test Case for Booking

Table 5.4 represents the test case for Booking module. It shows both successful and unsuccessful results for the test cases.



Test cases no	Test Case	Expected results	Status
1	Feedback	All details provided correctly	Successful
2	Feedback	Any one field is incorrect	Unsuccessful
3	Feedback	Any field left empty	Unsuccessful

Table 5.5 Test Case for Feedback

Table 5.5 represents the test case for Feedback module. It shows both successful and unsuccessful results for the test cases.

5.3 Code Snippet

Snippet is a programming term for a small region of re-usable code, machine code or text. Ordinarily, these are formally defined operative units to incorporate into large programming modules.

These are the HTML and PHP codes for each webpage:

First web page (index.php)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>CAR RENTAL</title>
    <script type="text/javascript">
        window.history.forward();
        function noBack() {
            window.history.forward();
        }
    </script>
    <link  rel="stylesheet" href="css/style.css">
    <script type="text/javascript">
        function preventBack() {
            window.history.forward();
        }
        setTimeout("preventBack()", 0);
        window.onunload = function () { null };
    </script>
</head>
<body>
<?php
require_once('connection.php');
    if(isset($_POST['login']))
    {
        $email=$_POST['email'];
        $pass=$_POST['pass'];
        if(empty($email)|| empty($pass))
        {
            echo '<script>alert("please fill the blanks")</script>';
        }
        else{
            $query="select *from users where EMAIL='$email'";
            $res=mysqli_query($con,$query);
            if($row=mysqli_fetch_assoc($res)){
                $db_password = $row['PASSWORD'];
                if(md5($pass)  == $db_password)
                {
                    header("location: cardetails.php");
                    session_start();
                    $_SESSION['email'] = $email;
                }
                else{
                    echo '<script>alert("Enter a proper password")</script>';
                }
            }
            else{
                echo '<script>alert("enter a proper email")</script>';
            }
        }
    }
?>
    <div class="hai">
        <div class="navbar">
            <div class="icon">
                <h2 class="logo">CaRs</h2>
            </div>
            <div class="menu">
                <ul>
                    <li><a href="#">HOME</a></li>
                    <li><a href="aboutus.html">ABOUT</a></li>
                    <!-- <li><a href="#">SERVICES</a></li> -->


                    <li><a href="contactus.html">CONTACT</a></li>
                  <li> <button class="adminbtn"><a href="adminlogin.php">ADMIN LOGIN</a></button></li>
                </ul>
            </div>
        </div>
        <div class="content">
            <h1>Rent Your <br><span>Dream Car</span></h1>
            <p class="par">Live the life of Luxury.<br>
                Just rent a car of your wish from our vast collection.<br>Enjoy every moment with your family<br>
                 Join us to make this family vast.  </p>
            <button class="cn"><a href="register.php">JOIN US</a></button>
            <div class="form">
                <h2>Login Here</h2>
                <form method="POST">
                <input type="email" name="email" placeholder="Enter Email Here">
                <input type="password" name="pass" placeholder="Enter Password Here">
                <input class="btnn" type="submit" value="Login" name="login"></input>
                </form>
                <p class="link">Don't have an account?<br>
                <a href="register.php">Sign up</a> here</a></p>
            </div>
        </div>
    </div>
    <script src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></script>
</body>
</html>
```

About Us

```
<!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <title>CaRs | About Us</title>
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link rel="stylesheet" href="style.css">
        <script src="https://kit.fontawesome.com/dbed6b6114.js" crossorigin="anonymous"></script>
    </head>
    <body>
        <section>
            <div class = "image">
               <img src="https://cdn.pixabay.com/photo/2017/08/26/23/37/business-2684758__340.png">
            </div>

            <div class = "content">
                <h2>About Us</h2>
                <span><!-- line here --></span>
                <p>We started  this comapany to make people's Dream come true and Enjoy their life at full
potential</p>
                <ul class = "links">
                    <li><a href = "index.php">home</a></li>
                    <div class = "vertical-line"></div>
                    <li><a href = "#">service</a></li>
                    <div class = "vertical-line"></div>
                    <li><a href = "#">contact</a></li>
                </ul>
                <ul class = "icons">
                    <li>
                        <i class = "fa fa-twitter"></i>
                    </li>
                    <li>
                        <i class = "fa fa-facebook"></i>
                    </li>
                    <li>
                        <i class = "fa fa-github"></i>
                    </li>
                    <li>
                        <i class = "fa fa-pinterest"></i>
                    </li>
                </ul>
            </div>
        </section><br><br>
    </body>
```

```
</html>
```

Add Car

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>ADMINISTRATOR</title>
</head>
<body>
<button id="back"><a href="adminvehicle.php">HOME</a></button>
 <div class="main">
        <div class="register">
        <h2>Enter Details Of New Car</h2>
        <form id="register"  action="upload.php" method="POST" enctype="multipart/form-data">
            <label>Car Name : </label>
            <br>
            <input type ="text" name="carname"
            id="name" placeholder="Enter Car Name" required>
            <br><br>
            <label>Fuel Type : </label>
            <br>
            <input type ="text" name="ftype"
            id="name" placeholder="Enter Fuel Type" required>
            <br><br>
            <label>Capacity : </label>
            <br>
            <input type="number" name="capacity" min="1"
            id="name" placeholder="Enter Capacity Of Car" required>
            <br><br>
            <label>Price : </label>
            <br>
            <input type="number" name="price" min="1"
            id="name" placeholder="Enter Price Of Car for One Day(in rupees)" required>
            <br><br>
            <label>Car Image : </label>
            <br>
            <input type="file" name="image" required>
           <br><br>
            <input type="submit" class="btnn"  value="ADD CAR" name="addcar">
        </input>
        </form>
        </div>
    </div.main>
</body>
</html>
```

Admin Book

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>ADMINISTRATOR</title>
</head>
<body>
<?php
require_once('connection.php');
$query="SELECT *from booking ORDER BY BOOK_ID DESC";
$queryy=mysqli_query($con,$query);
$num=mysqli_num_rows($queryy);
?>
<div class="hai">
        <div class="navbar">
            <div class="icon">
                <h2 class="logo">CaRs</h2>
            </div>
            <div class="menu">
                <ul>
                    <li><a href="adminvehicle.php">VEHICLE MANAGEMENT</a></li>
                    <li><a href="adminusers.php">USERS</a></li>
                    <li><a href="admindash.php">FEEDBACKS</a></li>
                    <li><a href="adminbook.php">BOOKING REQUEST</a></li>
                  <li> <button class="nn"><a href="index.php">LOGOUT</a></button></li>
                </ul>
            </div>
         </div>
         </div>
        <div>
            <h1 class="header">BOOKINGS</h1>
            <div>
                <div>
                    <table class="content-table">
                <thead>
                    <tr>
                        <th>CAR ID</th>
                        <th>EMAIL</th>
                        <th>BOOK PLACE</th>
                        <th>BOOK DATE</th>
                        <th>DURATION</th>
                        <th>PHONE NUMBER</th>
                        <th>DESTINATION</th>
                        <th>RETURN DATE</th>
                        <th>BOOKING STATUS</th>
                        <th>APPROVE</th>
                        <th>CAR RETURNED</th>
                    </tr>
                </thead>
                <tbody>
                <?php
                while($res=mysqli_fetch_array($queryy)){
                ?>
                <tr  class="active-row">
                    <td><?php echo $res['CAR_ID'];?></php></td>
```

```
                    <td><?php echo $res['EMAIL'];?></php></td>
                    <td><?php echo $res['BOOK_PLACE'];?></php></td>
                    <td><?php echo $res['BOOK_DATE'];?></php></td>
                    <td><?php echo $res['DURATION'];?></php></td>
                    <td><?php echo $res['PHONE_NUMBER'];?></php></td>
                    <td><?php echo $res['DESTINATION'];?></php></td>
                    <td><?php echo $res['RETURN_DATE'];?></php></td>
                    <td><?php echo $res['BOOK_STATUS'];?></php></td>
                    <td><button type="submit"  class="but"  name="approve"><a href="approve.php?id=<?php echo
$res['BOOK_ID']?>">APPROVE</a></button></td>
                    <td><button type="submit" class="but" name="approve"><a href="adminreturn.php?id=<?php
echo $res['CAR_ID']?>&bookid=<?php echo $res['BOOK_ID']?>">RETURNED</a></button></td>
                </tr>
               <?php } ?>
                </tbody>
                </table>
                </div>
            </div>
        </div>
</body>
</html>
```

Admin Dashboard

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>ADMINISTRATOR</title>
</head>
<body>
<?php
require_once('connection.php');
$query="select *from feedback";
$queryy=mysqli_query($con,$query);
$num=mysqli_num_rows($queryy);
```

```
?>
    <div class="hai">
        <div class="navbar">
            <div class="icon">
                <h2 class="logo">CaRs</h2>
            </div>
            <div class="menu">
                <ul>
                    <li><a href="adminvehicle.php">VEHICLE MANAGEMENT</a></li>
                    <li><a href="adminusers.php">USERS</a></li>
                    <li><a href="admindash.php">FEEDBACKS</a></li>

                    <li><a href="adminbook.php">BOOKING REQUEST</a></li>
                  <li> <button class="nn"><a href="index.php">LOGOUT</a></button></li>
                </ul>
            </div>
        </div>
        <div>
            <h1 class="header">FEEDBACKS</h1>
            <div>
                <div>
                    <table class="content-table">
                <thead>
                    <tr>
                        <th>FEEDBACK_ID</th>
                        <th>EMAIL</th>
                        <th>COMMENT</th>
                    </tr>
                </thead>
                <tbody>
                <?php
                while($res=mysqli_fetch_array($queryy)){
                ?>
                <tr  class="active-row">
                    <td><?php echo $res['FED_ID'];?></php></td>
                    <td><?php echo $res['EMAIL'];?></php></td>
                    <td><?php echo $res['COMMENT'];?></php></td>
                </tr>
               <?php } ?>
                </tbody>
                </table>
                </div>
            </div>
        </div>
</body>
</html>
```

Admin login

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>ADMIN LOGIN</title>
    <!-- <link rel="stylesheet" href="css/adlog.css">     -->
    <script type="text/javascript">
        function preventBack() {
            window.history.forward();
        }
        setTimeout("preventBack()", 0);
        window.onunload = function () { null };
    </script>
</head>
<body>
<?php
    require_once('connection.php');
    if(isset($_POST['adlog'])){
        $id=$_POST['adid'];
        $pass=$_POST['adpass'];
        if(empty($id)|| empty($pass))
        {
            echo '<script>alert("please fill the blanks")</script>';
        }
        else{
            $query="select *from admin where ADMIN_ID='$id'";
            $res=mysqli_query($con,$query);
            if($row=mysqli_fetch_assoc($res)){
                $db_password = $row['ADMIN_PASSWORD'];
                if($pass  == $db_password)
                {
                    echo '<script>alert("Welcome ADMINISTRATOR!");</script>';
                    header("location: admindash.php");
                }
                else{
                    echo '<script>alert("Enter a proper password")</script>';
                }
            }
            else{
                echo '<script>alert("enter a proper email")</script>';
            }
        }
    }
?>
<button class="back"><a href="index.php">Go To Home</a></button>
    <div class="helloadmin">
    <h1>HELLO ADMIN!</h1></div>
    <form class="form" method="POST">
        <h2>Admin Login</h2>
        <input class="h" type="text" name="adid" placeholder="Enter admin user id">
        <input class="h" type="password" name="adpass" placeholder="Enter admin password">
        <input type="submit" class="btnn" value="LOGIN" name="adlog" >
    </form>
</body>
</html>
```

Admin Return

```
<?php
```

```
require_once('connection.php');
$carid=$_GET['id'];
$book_id=$_GET['bookid'];
$sql2="SELECT *from booking where BOOK_Id=$book_id";
$result2=mysqli_query($con,$sql2);
$res2 = mysqli_fetch_assoc($result2);
$sql="SELECT *from cars where CAR_ID=$carid";
$result=mysqli_query($con,$sql);
$res = mysqli_fetch_assoc($result);
if($res['AVAILABLE']=='Y')
{
    echo '<script>alert("ALREADY CAR IS RETURNED")</script>';
    echo '<script> window.location.href = "adminbook.php";</script>';
}
else{
    $sql4="UPDATE cars set AVAILABLE='Y' where CAR_ID=$res[CAR_ID]";
    $query2=mysqli_query($con,$sql4);
    $sql5="UPDATE booking set BOOK_STATUS='RETURNED' where BOOK_ID=$res2[BOOK_ID]";
    $query=mysqli_query($con,$sql5);
    echo '<script>alert("CAR RETURNED SUCCESSFULLY")</script>';
    echo '<script> window.location.href = "adminbook.php";</script>';
}
?>
```

Admin Users

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>ADMINISTRATOR</title>
</head>
<body>
<?php
require_once('connection.php');
```

```
$query="select *from users";
$queryy=mysqli_query($con,$query);
$num=mysqli_num_rows($queryy);
?>
<div class="hai">
        <div class="navbar">
            <div class="icon">
                <h2 class="logo">CaRs</h2>
            </div>
            <div class="menu">
                <ul>
                    <li><a href="adminvehicle.php">VEHICLE MANAGEMENT</a></li>
                    <li><a href="adminusers.php">USERS</a></li>
                    <li><a href="admindash.php">FEEDBACKS</a></li>

                    <li><a href="adminbook.php">BOOKING REQUEST</a></li>
                  <li> <button class="nn"><a href="index.php">LOGOUT</a></button></li>
                </ul>
            </div>
        </div>
        <div>
            <h1 class="header">USERS</h1>
            <div>
                <div>
                    <table class="content-table">
                <thead>
                    <tr>
                        <th>NAME</th>
                        <th>EMAIL</th>
                        <th>LICENSE NUMBER</th>
                        <th>PHONE NUMBER</th>
                        <th>GENDER</th>
                        <th>DELETE USERS</th>
                    </tr>
                </thead>
                <tbody>
        <?php
        while($res=mysqli_fetch_array($queryy)){
        ?>
        <tr  class="active-row">
          <td><?php echo $res['FNAME']."  ".$res['LNAME'];?></php></td>
          <td><?php echo $res['EMAIL'];?></php></td>
          <td><?php echo $res['LIC_NUM'];?></php></td>
          <td><?php echo $res['PHONE_NUMBER'];?></php></td>
          <td><?php echo $res['GENDER'];?></php></td>
          <td><button type="submit" class="but" name="approve"><a href="deleteuser.php?id=<?php echo $res['EMAIL']?>">DELETE USER</a></button></td>
        </tr>
       <?php } ?>
        </tbody>
        </table>
        </div>
      </div>
    </div>
</body>
</html>
```

Admin Vehicle

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>ADMINISTRATOR</title>
</head>
<body>
<?php
require_once('connection.php');
$query="SELECT *from cars";
$queryy=mysqli_query($con,$query);
$num=mysqli_num_rows($queryy);
```

```
?>
<div class="hai">
        <div class="navbar">
            <div class="icon">
                <h2 class="logo">CaRs</h2>
            </div>
            <div class="menu">
                <ul>
                    <li><a href="adminvehicle.php">VEHICLE MANAGEMENT</a></li>
                    <li><a href="adminusers.php">USERS</a></li>
                    <li><a href="admindash.php">FEEDBACKS</a></li>

                    <li><a href="adminbook.php">BOOKING REQUEST</a></li>
                  <li> <button class="nn"><a href="index.php">LOGOUT</a></button></li>
                </ul>
            </div>
         </div>

         </div>
        <div>
            <h1 class="header">CARS</h1>
            <button class="add"><a href="addcar.php">+ ADD CARS</a></button>
            <div>
                <div>
                    <table class="content-table">
                <thead>
                    <tr>

                        <th>CAR ID</th>
                        <th>CAR NAME</th>
                        <th>FUEL TYPE</th>
                        <th>CAPACITY</th>
                        <th>PRICE</th>
                        <th>AVAILABLE</th>
                        <th>DELETE</th>
                    </tr>
                </thead>
                <tbody>
                <?php
                while($res=mysqli_fetch_array($queryy)){
                ?>
                <tr  class="active-row">

                    <td><?php echo $res['CAR_ID'];?></php></td>
                    <td><?php echo $res['CAR_NAME'];?></php></td>
                    <td><?php echo $res['FUEL_TYPE'];?></php></td>
                    <td><?php echo $res['CAPACITY'];?></php></td>
                    <td><?php echo $res['PRICE'];?></php></td>
                    <td><?php
                    if($res['AVAILABLE']=='Y')
                    {
                        echo 'YES';
                    }
                    else{
                        echo 'NO';
                    }
                    ?></php></td>
                    <td><button type="submit" class="but" name="approve"><a href="deletecar.php?id=<?php echo
$res['CAR_ID']?>">DELETE CAR</a></button></td>

                </tr>
               <?php } ?>
                </tbody>
                </table>
              </div>
            </div>
        </div>
</body>
</html>
```

Approve

```
<?php
```

```
require_once('connection.php');
$bookid=$_GET['id'];
$sql="SELECT *from booking where BOOK_Id=$bookid";
$result=mysqli_query($con,$sql);
$res = mysqli_fetch_assoc($result);
$car_id=$res['CAR_ID'];
$sql2="SELECT *from cars where CAR_ID=$car_id";
$carres=mysqli_query($con,$sql2);
$carresult = mysqli_fetch_assoc($carres);
$email=$res['EMAIL'];
$carname=$carresult['CAR_NAME'];
if($carresult['AVAILABLE']=='Y')
{
if($res['BOOK_STATUS']=='APPROVED' || $res['BOOK_STATUS']=='RETURNED')
{
    echo '<script>alert("ALREADY APPROVED")</script>';
    echo '<script> window.location.href = "adminbook.php";</script>';
}
else{
    $query="UPDATE booking set  BOOK_STATUS='APPROVED' where BOOK_ID=$bookid";
    $queryy=mysqli_query($con,$query);
    $sql2="UPDATE cars set AVAILABLE='N' where CAR_ID=$res[CAR_ID]";
    $query2=mysqli_query($con,$sql2);

    echo '<script>alert("APPROVED SUCCESSFULLY")</script>';
}
}
else{
    echo '<script>alert("CAR IS NOT AVAILABLE")</script>';
    echo '<script> window.location.href = "adminbook.php";</script>';
}

?>
```

Booking

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CAR BOOKING</title>
    <!-- <link  rel="stylesheet" href=""> -->
    <script type="text/javascript">
        function preventBack() {
            window.history.forward();
        }

        setTimeout("preventBack()", 0);

        window.onunload = function () { null };
    </script>


</head>
<body  background=images/book.jpg>
<?php
    require_once('connection.php');
    session_start();
    $carid=$_GET['id'];
    $sql="select *from cars where CAR_ID='$carid'";
    $cname = mysqli_query($con,$sql);
    $email = mysqli_fetch_assoc($cname);
    $value = $_SESSION['email'];
    $sql="select * from users where EMAIL='$value'";
    $name = mysqli_query($con,$sql);
    $rows=mysqli_fetch_assoc($name);
    $uemail=$rows['EMAIL'];
    $carprice=$email['PRICE'];
    if(isset($_POST['book'])){
        $bplace=mysqli_real_escape_string($con,$_POST['place']);
        $bdate=date('Y-m-d',strtotime($_POST['date']));;
        $dur=mysqli_real_escape_string($con,$_POST['dur']);
        $phno=mysqli_real_escape_string($con,$_POST['ph']);
        $des=mysqli_real_escape_string($con,$_POST['des']);
        $rdate=date('Y-m-d',strtotime($_POST['rdate']));
        if(empty($bplace)|| empty($bdate)|| empty($dur)|| empty($phno)|| empty($des)|| empty($rdate)){
            echo '<script>alert("please fill the place")</script>';
        }
        else{
            if($bdate<$rdate){
            $price=($dur*$carprice);
            $sql="insert into booking
(CAR_ID,EMAIL,BOOK_PLACE,BOOK_DATE,DURATION,PHONE_NUMBER,DESTINATION,PRICE,R
ETURN_DATE) values($carid,'$uemail','$bplace','$bdate',$dur,$phno,'$des',$price,'$rdate')";
            $result = mysqli_query($con,$sql);
            if($result){


                $_SESSION['email'] =$uemail;
                header("Location: payment.php");
            }
            else{
                echo '<script>alert("please check the connection")</script>';
            }
        }
        else{
            echo  '<script>alert("please enter a correct rturn date")</script>';
        }
        }
    }


    ?>
      <div class="hai">
          <div class="navbar">
              <div class="icon">
                  <h2 class="logo">CaRs</h2>
              </div>
              <div class="menu" >
              <ul>
                <li ><a href="cardetails.php">HOME</a></li>
                <li><a href="aboutus2.html">ABOUT</a></li>
                <li><a href="#">DESIGN</a></li>
                <li><a href="contactus2.html">CONTACT</a></li>
                <li><button class="nn"><a href="index.html">LOGOUT</a></button></li>
                <li><img src="images/profile.png" class="circle" alt="Alps"></li>
              <li><p class="phello">HELLO! &nbsp;<a id="pname"><?php echo $rows['FNAME']."
".$rows['LNAME']?></a></p></li>
              </ul>
            </div>
        </div>
     </div>
      <div class="main">
     <div class="register">
        <h2>BOOKING</h2>
     <form id="register" method="POST"  >
        <h2>CAR NAME : <?php echo "".$email['CAR_NAME']?></h2>
        <label>BOOKING PLACE : </label>
        <br>
        <input type="text" name="place"
        id="name" placeholder="Enter Your Destination">
        <br><br>

        <label>BOOKING DATE : </label>
        <br>
        <input type ="date" name="date"
        id="datefield" min='1899-01-01' max='2000-13-13'  placeholder="ENTER THE DATE FOR
BOOKING">
        <br><br>
        <label>DURATION : </label>
        <br>
        <input type ="number" name="dur" min="1" max="30"
        id="name" placeholder="Enter Rent Period (in days)">
        <br><br>
        <label>PHONE NUMBER : </label>
        <br>
        <input type="tel" name="ph" maxlength="10"
        id="name" placeholder="Enter Your Phone Number">
        <br><br>

        <label>DESTINATION : </label>
        <br>
        <input type="text" name="des"
        id="name" placeholder="Enter Your Destination">
        <br><br>

        <label>Return date : </label>
        <br>
        <input type ="date" name="rdate"
        id="dfield"  min='1899-01-01' placeholder="Enter The Return Date">
        <br><br>
        <input type="submit"  class="btnn" value="BOOK" name="book" >

    </form>
    </div>
</div>
<script>
    var today = new Date();
    var dd = today.getDate();
    var mm = today.getMonth() + 1; //January is 0!
    var yyyy = today.getFullYear();
    if (dd < 10) {
         dd = '0' + dd
    }
    if (mm < 10) {
          mm = '0' + mm
    }

    today = yyyy + '-' + mm + '-' + dd;
    document.getElementById("datefield").setAttribute("min", today);
    document.getElementById("datefield").setAttribute("max", today);
    </script>
    <script>
        var today = new Date();
        var dd = today.getDate();
        var mm = today.getMonth() + 1; //January is 0!
        var yyyy = today.getFullYear();
        if (dd < 10) {
            dd = '0' + dd
        }
        if (mm < 10) {
             mm = '0' + mm
        }
        today = yyyy + '-' + mm + '-' + dd;
        document.getElementById("dfield").setAttribute("min", today);
    </script>
</body>
</html>
```

Booking Ststus

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>BOOKING STATUS</title>
</head>
<body>
<?php
    require_once('connection.php');
    session_start();
    $email = $_SESSION['email'];
    $sql="select * from booking where EMAIL='$email' order by BOOK_ID DESC LIMIT 1";
    $name = mysqli_query($con,$sql);
    $rows=mysqli_fetch_assoc($name);
    if($rows==null){
        echo '<script>alert("THERE ARE NO BOOKING DETAILS")</script>';
        echo '<script> window.location.href = "cardetails.php";</script>';
    }
    else{
    $sql2="select * from users where EMAIL='$email'";
    $name2 = mysqli_query($con,$sql2);
    $rows2=mysqli_fetch_assoc($name2);
    $car_id=$rows['CAR_ID'];
    $sql3="select * from cars where CAR_ID='$car_id'";
    $name3 = mysqli_query($con,$sql3);
    $rows3=mysqli_fetch_assoc($name3);
?>
   <ul><li> <button  class="utton"><a href="cardetails.php">Go to Home</a></button></li><li
class="name">HELLO! <?php echo $rows2['FNAME']." ".$rows2['LNAME']?></li>
</ul>
    <div class="box">
         <div class="content">
             <h1>CAR NAME : <?php echo $rows3['CAR_NAME']?></h1><br>
             <h1>NO OF DAYS : <?php echo $rows['DURATION']?></h1><br>
             <h1>BOOKING STATUS : <?php echo $rows['BOOK_STATUS']?></h1><br>


         </div>
     </div>



<?php }
?>


</body>
</html>
```

Cancel Booking

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>CANCEL BOOKING</title>
</head>
<body>
<?php

    require_once('connection.php');
    session_start();
    $bid = $_SESSION['bid'];
    if(isset($_POST['cancelnow'])){
        $del = mysqli_query($con,"delete from booking where BOOK_ID = '$bid' order by BOOK_ID DESC limit 
1");
        echo "<script>window.location.href='cardetails.php';</script>";
    }
?>
 <form class="form"  method="POST" >
        <h1>ARE YOU SURE YOU WANT TO CANCEL YOUR BOOKING?</h1>
        <input  type="submit" class="hai" value="CANCEL NOW" name="cancelnow">
        <button class="no"><a href="payment.php" >GO TO PAYMENT</a></button>
    </form>
</body>
</html>
```

Car Details

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Car Details</title>
</head>
```

```
<body class="body">
<?php
   require_once('connection.php');
       session_start();
   $value = $_SESSION['email'];
   $_SESSION['email'] = $value;
   $sql="select * from users where EMAIL='$value'";
   $name = mysqli_query($con,$sql);
   $rows=mysqli_fetch_assoc($name);
   $sql2="select *from cars where AVAILABLE='Y'";
   $cars= mysqli_query($con,$sql2)
</script>
  <div class="cd">
   <div class="main">
       <div class="navbar">
           <div class="icon">
               <h2 class="logo">CaRs</h2>
           </div>
           <div class="menu">

               <ul>
                   <li><a href="#">HOME</a></li>
                   <li><a href="aboutus2.html">ABOUT</a></li>

                   <li><a href="contactus2.html">CONTACT</a></li>
                   <li><a href="feedback/Feedbacks.php">FEEDBACK</a></li>
                   <li><button class="nn"><a href="index.php">LOGOUT</a></button></li>
                   <li><img src="images/profile.png" class="circle" alt="Alps"></li>
                   <li><p class="phello">HELLO! &nbsp;<a id="pname"><?php echo $rows['FNAME']."
".$rows['LNAME']?></a></p></li>
                   <li><a id="stat" href="bookinstatus.php">BOOKING STATUS</a></li>
               </ul>
       </div>
      <div><h1 class="overview">OUR CARS OVERVIEW</h1>

   <ul class="de">
```

```
<?php
    while($result= mysqli_fetch_array($cars))
    {
?>

<li>
<form method="POST">
<div class="box">
   <div class="imgBx">
        <img src="images/<?php echo $result['CAR_IMG']?>">
    </div>
    <div class="content">
        <?php $res=$result['CAR_ID'];?>
        <h1><?php echo $result['CAR_NAME']?></h1>
        <h2>Fuel Type : <a><?php echo $result['FUEL_TYPE']?></a> </h2>
        <h2>CAPACITY : <a><?php echo $result['CAPACITY']?></a> </h2>
        <h2>Rent Per Day : <a>₹<?php echo $result['PRICE']?>/-</a></h2>
        <button type="submit"  name="booknow" class="utton" style="margin-top: 5px;"><a
href="booking.php?id=<?php echo $res;?>">book</a></button>
    </div>
</div></form></li>
<?php
    }

?>
<?php
require_once('connection.php');
$value = $_SESSION['email'];

$sql="select * from users where EMAIL='$value'";
$name = mysqli_query($con,$sql);
$rows=mysqli_fetch_assoc($name);
?>

</ul>
</div>
```

```
  </div>
  </div>
</body>
</html>
```

Connection

```
<?php
    mysqli_report(MYSQLI_REPORT_ERROR | MYSQLI_REPORT_STRICT);
    $con = mysqli_connect('localhost','root',",'carproject');
    if(!$con)
    {
        echo 'please check your Database connection';
    }
?>
```

Contact Us

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.2/css/all.min.css"/>
    <link rel="stylesheet" href="css/cont.css">
    <title>Document</title>
</head>
<body>

    <section class="contact">

        <div class="content">
            <h1><b>CONTACT US</b></h1>
        </div>
        <div class="container">
            <div class="contactInfo">
                <div class="box">
        <div class="icon"><i class="fas fa-map-marker" aria-hidden="true"></i></div>
            <div class="text">
                <h3>Address</h3>
                <p>Kalimati Road,<br>Sakchi, Jamshedpur<br>831001</p>
            </div>
    </div>
    <div class="box">
        <div class="icon"><i class="fas fa-phone-alt" aria-hidden="true"></i></div>
            <div class="text">
                <h3>Phone</h3>
                <p>8210729716</p>
            </div>
     </div>
     <div class="box">
        <div class="icon"><i class="fas fa-envelope" aria-hidden="true"></i></div>
            <div class="text">
                <h3>Email</h3>
                <p>care@cars.in</p>
            </div>
     </div>
</div>
<div class="contactForm">
    <form>
        <h2>Send Message</h2>
        <div class="inputBox">
            <input type="text" name="" required="required">
            <span>Full Name</span>

        </div>
        <div class="inputBox">
            <input type="text" name="" required="required">
            <span>Email</span>
        </div>
        <div class="inputBox">
            <textarea required="required"></textarea>
            <span>Type your Message...</span>
```

```
          </div>
          <div class="inputBox">
            <input type="submit" name="" value="Send">
           <button class="btn" style="
            width: 150px;
            background: orange;
            color: #fff;
            border: none;
            cursor: pointer;
            padding: 10px;
            font-size: 18px;
            margin-left:100px;
          "><a href="index.php" style="
          text-decoration: none;
          color: #fff;">Go To Home</a></button>
          </div>
        </form>
      </div>
    </div>
  </section>

</body>
</html>
```

Delete Car

```
<?php
require_once('connection.php');
$carid=$_GET['id'];
$sql="DELETE from cars where CAR_ID=$carid";
$result=mysqli_query($con,$sql);

echo '<script>alert("CAR DELETED SUCCESFULLY")</script>';
echo '<script> window.location.href = "adminvehicle.php";</script>';
```

```
?>
```

Delete Users

```
<?php

require_once('connection.php');
$email=$_GET['id'];

$sql="DELETE from users where EMAIL='$email'";
$result=mysqli_query($con,$sql);

echo '<script>alert("USER DELETED SUCCESFULLY")</script>';
echo '<script> window.location.href = "adminusers.php";</script>';

?>
```

Feedback

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <title>Feedback Form HTML Template - reusable form</title>
        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css" >
        <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css" >
        <link rel="stylesheet" href="/css/form.css" >
    </head>
    <body >
        <div class="container">
            <div class="imagebg"></div>
            <div class="row " style="margin-top: 50px">
                <div class="col-md-6 col-md-offset-3 form-container">
```

```
<h2>Feedback</h2>
<p> Please provide your valuable feedback below: </p>
<form id="reused_form" action="cardetails.html">
    <div class="row">
        <div class="col-sm-12 form-group">
            <label>How do you rate your overall experience?</label>
            <p>
                <label class="radio-inline">
                    <input type="radio" name="experience" id="radio_experience" value="bad" >
                    Bad
                </label>
                <label class="radio-inline">
                    <input type="radio" name="experience" id="radio_experience" value="average" >
                    Average
                </label>
                <label class="radio-inline">
                    <input type="radio" name="experience" id="radio_experience" value="good" >
                    Good
                </label>
            </p>
        </div>
    </div>
    <div class="row">
        <div class="col-sm-12 form-group">
            <label for="comments"> Comments:</label>
            <textarea class="form-control" type="textarea" name="comments" id="comments" placeholder="Your Comments" maxlength="6000" rows="7"></textarea>
        </div>
    </div>
    <div class="row">
        <div class="col-sm-6 form-group">
            <label for="name"> Your Name:</label>
            <input type="text" class="form-control" id="name" name="name" required>
        </div>
        <div class="col-sm-6 form-group">
```

```
                              <label for="email"> Email:</label>

                              <input type="email" class="form-control" id="email" name="email" required>

                          </div>

                      </div>

                      <div class="row">

                          <div class="col-sm-12 form-group">

                              <input type="submit"  class="btn btn-lg btn-warning btn-block"
value="SUBMIT"></input>

                          </div>

                      </div>

                  </form>

                  <div id="success_message" style="width:100%; height:100%; display:none; "> <h3>Posted your
feedback successfully!</h3> </div>

                  <div id="error_message" style="width:100%; height:100%; display:none; "> <h3>Error</h3>
Sorry there was an error sending your form. </div>

              </div>

          </div>

      </div>

  </body>

</html>
```

Payment

```
<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8" />

    <meta name="viewport" content="width=device-width, initial-scale=1.0" />

    <link

      rel="stylesheet"

      href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-free@5.15.1/css/all.min.css"

      href="main.js"

    />

    <script src="main.js"></script>

    <link rel="stylesheet" href="css/pay.css" />

    <title>Payment Form</title>
    <script type="text/javascript">
        function preventBack() {
            window.history.forward();
        }

        setTimeout("preventBack()", 0)
        window.onunload = function () { null };
    </script>
  </head>
<body>
<?php

require_once('connection.php');
session_start();
$email  =   $_SESSION['email'] ;

$sql="select *from booking where EMAIL='$email' order by BOOK_ID DESC ";
$cname = mysqli_query($con,$sql);
$email = mysqli_fetch_assoc($cname);
$bid=$email['BOOK_ID'];
$_SESSION['bid']=$bid;

if(isset($_POST['pay'])){
  $cardno=mysqli_real_escape_string($con,$_POST['cardno']);
  $exp=mysqli_real_escape_string($con,$_POST['exp']);
  $cvv=mysqli_real_escape_string($con,$_POST['cvv']);
  $price=$email['PRICE'];
  if(empty($cardno) || empty($exp) ||  empty($cvv) ){
    echo '<script>alert("please fill the place")</script>';
  }
  else{
    $sql2="insert into payment (BOOK_ID,CARD_NO,EXP_DATE,CVV,PRICE)
values($bid,'$cardno','$exp',$cvv,$price)";
    $result = mysqli_query($con,$sql2);
    if($result){
      header("Location: psucess.php");
    }
  }
}
?>
  <h2 class="payment">TOTAL PAYMENT : <a>₹<?php echo $email['PRICE']?>/-</a></h2>

    <div class="card">
      <form method="POST">
        <h1 class="card__title">Enter Payment Information</h1>
        <div class="card__row">
          <div class="card__col">
            <label for="cardNumber" class="card__label">Card Number</label
            ><input
              type="text"
              class="card__input card__input--large"
              id="cardNumber"
              placeholder="xxxx-xxxx-xxxx-xxxx"
              required="required"
              name="cardno"
              maxlength="16"
            />
          </div>
          <div class="card__col card__chip">
            <img src="images/chip.svg" alt="chip" />
          </div>
        </div>
        <div class="card__row">
          <div class="card__col">
            <label for="cardExpiry" class="card__label">Expiry Date</label
            ><input
              type="text"
              class="card__input"
              id="cardExpiry"
```

```
       placeholder="xx/xx"
       required="required"
       name="exp"
       maxlength="5"
      />
     </div>
     <div class="card__col">
      <label for="cardCcv" class="card__label">CCV</label
      ><input
       type="password"
       class="card__input"
       id="cardCcv"
       placeholder="xxx"
       required="required"
       name="cvv"
       maxlength="3"
      />
     </div>
     <div class="card__col card__brand"><i id="cardBrand"></i></div>
    </div>
    <input type="submit" VALUE="PAY NOW" class="pay" name="pay">
    <button class="btn"><a href="cancelbooking.php">CANCEL</a></button>
   </form>

  </div>
 </body>

  <script src="https://cdn.jsdelivr.net/npm/cleave.js@1.6.0/dist/cleave.min.js"></script>
  <script src="main.js"></script>
 </body>
</html>
```

Payment Success

```
<html>
  <head>
  </head>
    <body>
      <div class="card">
      <div style="border-radius:200px; height:200px; width:200px; background: #F8FAF5; margin:0 auto;">
        <i class="checkmark">✓</i>
      </div>
        <h1>Success</h1>
        <p>We received your rental request;<br/> we'll be in touch shortly!</p>
        <div class="ba"><button id="back"><a href="cardetails.php">Search Cars</a></button></div>
      </div>
    </body>
</html>
```

Register

```
<!DOCTYPE html>
<html lang="en">
<head>

    <title>REGISTRATION</title>
   <link rel="stylesheet" href="css/regs.css" type="text/css">
</head>
<body>

<?php

require_once('connection.php');
if(isset($_POST['regs']))
{
    $fname=mysqli_real_escape_string($con,$_POST['fname']);
    $lname=mysqli_real_escape_string($con,$_POST['lname']);
    $email=mysqli_real_escape_string($con,$_POST['email']);
    $lic=mysqli_real_escape_string($con,$_POST['lic']);

    $ph=mysqli_real_escape_string($con,$_POST['ph']);


    $pass=mysqli_real_escape_string($con,$_POST['pass']);

    $cpass=mysqli_real_escape_string($con,$_POST['cpass']);

    $gender=mysqli_real_escape_string($con,$_POST['gender']);

    $Pass=md5($pass);

    if(empty($fname)|| empty($lname)|| empty($email)|| empty($lic)|| empty($ph)|| empty($pass) ||
empty($gender))

    {

        echo '<script>alert("please fill the place")</script>';

    }

    else{

        if($pass==$cpass){

        $sql2="SELECT *from users where EMAIL='$email'";

        $res=mysqli_query($con,$sql2);

        if(mysqli_num_rows($res)>0){

            echo '<script>alert("EMAIL ALREADY EXISTS PRESS OK FOR LOGIN!!")</script>';

            echo '<script> window.location.href = "index.php";</script>';


        }

        else{

        $sql="insert into users
(FNAME,LNAME,EMAIL,LIC_NUM,PHONE_NUMBER,PASSWORD,GENDER)
values('$fname','$lname','$email','$lic',$ph,'$Pass','$gender')";

        $result = mysqli_query($con,$sql);

        if($result){

            echo '<script>alert("Registration Successful Press ok to login")</script>';

            echo '<script> window.location.href = "index.php";</script>';

           }

        else{

            echo '<script>alert("please check the connection")</script>';

        }

        }

        }

        else{

            echo '<script>alert("PASSWORD DID NOT MATCH")</script>';
            echo '<script> window.location.href = "register.php";</script>';
          }
       }
    }

    ?>
       <button id="back"><a href="index.php">HOME</a></button>
       <h1 id="fam">JOIN OUR FAMILY OF CARS!</h1>
     <div class="main">

          <div class="register">
          <h2>Register Here</h2>

          <form id="register" action="register.php" method="POST">
             <label>First Name : </label>
             <br>
             <input type ="text" name="fname"
             id="name" placeholder="Enter Your First Name" required>
             <br><br>

             <label>Last Name : </label>
             <br>
             <input type ="text" name="lname"
             id="name" placeholder="Enter Your Last Name" required>
             <br><br>

             <label>Email : </label>
             <br>
             <input type="email" name="email"
             id="name" pattern="[a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,}$" title="ex:
    example@ex.com"placeholder="Enter Valid Email" required>
             <br><br>

             <label>Your License number : </label>
             <br>
             <input type="text" name="lic"
             id="name" placeholder="Enter Your License number" required>
             <br><br>


             <label>Phone Number : </label>
             <br>
             <input type="tel" name="ph" maxlength="10" onkeypress="return onlyNumberKey(event)"
             id="name" placeholder="Enter Your Phone Number" required>
             <br><br>
             <label>Password : </label>
             <br>
             <input type="password" name="pass" maxlength="12"
             id="psw" placeholder="Enter Password" pattern="(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}" title="Must
    contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters" required>
             <br><br>
             <label>Confirm Password : </label>
             <br>
             <input type="password" name="cpass"
             id="cpsw" placeholder="Renter the password" required>
             <br><br>
             <tr>
               <td><label">Gender : </label></td><br>
               &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<td>
                 <label for="one">Male</label>
                 <input type="radio" id="input_enabled" name="gender" value="male" style="width:200px">
               </td>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
               <td>
                 <label for="two">Female</label>
                 <input type="radio" id="input_disabled" name="gender" value="female" style="width:160px" />
               </td>
             </tr>
             <br><br>


             <input type="submit" class="btnn"  value="REGISTER" name="regs" style="background-color:
    #ff7200;color: white">
          </input>
          </form>
          </div>
```

```
    </div>
    <div id="message">
  <h3>Password must contain the following:</h3>
  <p id="letter" class="invalid">A <b>lowercase</b> letter</p>
  <p id="capital" class="invalid">A <b>capital (uppercase)</b> letter</p>
  <p id="number" class="invalid">A <b>number</b></p>
  <p id="length" class="invalid">Minimum <b>8 characters</b></p>
</div>
<script>
var myInput = document.getElementById("psw");
var letter = document.getElementById("letter");
var capital = document.getElementById("capital");
var number = document.getElementById("number");
var length = document.getElementById("length");

// When the user clicks on the password field, show the message box
myInput.onfocus = function() {
  document.getElementById("message").style.display = "block";
}

// When the user clicks outside of the password field, hide the message box
myInput.onblur = function() {
  document.getElementById("message").style.display = "none";
}

// When the user starts to type something inside the password field
myInput.onkeyup = function() {
  // Validate lowercase letters
  var lowerCaseLetters = /[a-z]/g;
  if(myInput.value.match(lowerCaseLetters)) {
    letter.classList.remove("invalid");
    letter.classList.add("valid");
  } else {
    letter.classList.remove("valid");
    letter.classList.add("invalid");
}
```

```
  // Validate capital letters
  var upperCaseLetters = /[A-Z]/g;
  if(myInput.value.match(upperCaseLetters)) {
    capital.classList.remove("invalid");
    capital.classList.add("valid");
  } else {
    capital.classList.remove("valid");
    capital.classList.add("invalid");
  }

  // Validate numbers
  var numbers = /[0-9]/g;
  if(myInput.value.match(numbers)) {
    number.classList.remove("invalid");
    number.classList.add("valid");
  } else {
    number.classList.remove("valid");
    number.classList.add("invalid");
  }

  // Validate length
  if(myInput.value.length >= 8) {
    length.classList.remove("invalid");
    length.classList.add("valid");
  } else {
    length.classList.remove("valid");
    length.classList.add("invalid");
  }
}
</script>
<script>
    function onlyNumberKey(evt) {
        var ASCIICode = (evt.which) ? evt.which : evt.keyCode
        if (ASCIICode > 31 && (ASCIICode < 48 || ASCIICode > 57))
            return false;
        return true;
    }
</script>
</body>
</html>
```

Upload

```
<?php
if(isset($_POST['addcar']) ){
    require_once('connection.php');
   echo "<prev>";
   print_r($_FILES['image']);
   echo "</prev>";
   $img_name= $_FILES['image']['name'];
   $tmp_name= $_FILES['image']['tmp_name'];
   $error= $_FILES['image']['error'];
    if($error === 0){
        $img_ex = pathinfo($img_name,PATHINFO_EXTENSION);
        $img_ex_lc= strtolower($img_ex);

        $allowed_exs = array("jpg","jpeg","png","webp","svg");
        if(in_array($img_ex_lc,$allowed_exs)){
            $new_img_name=uniqid("IMG-",true).'.'.$img_ex_lc;
            $img_upload_path='images/'.$new_img_name;
            move_uploaded_file($tmp_name,$img_upload_path);

                $carname=mysqli_real_escape_string($con,$_POST['carname']);

                $ftype=mysqli_real_escape_string($con,$_POST['ftype']);
                $capacity=mysqli_real_escape_string($con,$_POST['capacity']);
                $price=mysqli_real_escape_string($con,$_POST['price']);
                $available="Y";
                $query="INSERT INTO
cars(CAR_NAME,FUEL_TYPE,CAPACITY,PRICE,CAR_IMG,AVAILABLE)
values('$carname','$ftype',$capacity,$price,'$new_img_name','$available')";
                $res=mysqli_query($con,$query);
                if($res){
                    echo '<script>alert("New Car Added Successfully!!")</script>';
                    echo '<script> window.location.href = "adminvehicle.php";</script>';                }

        }else{
            echo '<script>alert("Cant upload this type of image")</script>';
            echo '<script> window.location.href = "addcar.php";</script>';
        }
    }
    else{
        $em="unknown error occured";
        header("Location: addcar.php?error=$em");
    }
}
else{
    echo "false";
}
?>
```

Chapter 6

CONCLUSION

6.1 Benefits of this Project:

In conclusion, the development of our Car Rental Management System website marks a significant achievement in streamlining the process of renting vehicles. This project was conceived with the goal of enhancing user experience, improving operational efficiency, and providing a seamless interface for both customers and administrators.

Throughout the development process, we implemented key features such as user registration and authentication, real-time vehicle availability, booking management, and secure payment processing. By leveraging modern web technologies and following best practices in web development, we ensured that the system is robust, scalable, and user-friendly.

6.2 Future scope:

The successful deployment of this system will allow car rental businesses to manage their fleet more effectively, reduce manual errors, and provide a convenient and reliable service to their customers. Furthermore, the analytics and reporting tools integrated into the admin panel will offer valuable insights into business performance, helping companies make informed decisions and improve their services.

As we move forward, continuous improvements and updates will be essential to keep the system aligned with evolving user needs and technological advancements. Future enhancements may include advanced features like GPS tracking, mobile app integration, and personalized customer experiences through AI .

6.3 Limitations:

1. Scalability Issues

- As the number of users or rental transactions grows, the website may struggle to handle increased traffic or concurrent transactions. This can lead to performance issues or slow response times.

2. User Experience Challenges

- The website as it is now , it is not mobile responsive and there might be other issues which may not be to the users liking.

3. Data Security and Privacy

- Sensitive Information: Car rental systems handle sensitive data, such as personal information, payment details, and driving licenses. Protecting this data from breaches and ensuring compliance with data protection regulations (e.g., GDPR, CCPA) is crucial.
- Payment Processing: Integrating secure payment gateways is essential, and any vulnerabilities can lead to financial fraud or unauthorized transactions.

4. Customer Support and Service

- Sometimes it may take some time to reply to users due to less faculty members.
- Handling disputes, cancellations, and refunds effectively can be time taking

5. Maintenance and Updates

- Regular updates and maintenance are necessary to fix bugs, add new features, and improve security. Managing these updates without disrupting service can be challenging.

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