

# **Car Selling Website**

## **PROJECT REPORT**

*Project Submitted in Partial fulfilment of the  
Requirement for the Award of the Degree of  
Bachelor of Computer Applications*

**Session Jan-May, 2023**

**UNDER GUIDANCE OF  
MR. RAJESH VERMA**

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**2023**

**International Institute of Professional Studies**

**Devi Ahilya Vishwavidyalaya, Indore, M.P.**

## **DECLARATION**

I hereby declare that the project entitled "CAR SELLING WEBSITE" submitted by me for the partial fulfilment of the requirement for the award of Bachelors Computer Application Technology Semester VI to International Institute of Professional Studies, Devi Ahilya Vishwavidyalaya, Indore, comprises my own work and due acknowledgement has been made in text to all other material used.

Signature of Student:

Date:

Place:

## **International Institute of Professional Studies**

**Devi Ahilya Vishwavidyalaya, Indore, M.P.**

### **CERTIFICATE**

It is to certify that we have examined the dissertation on “Car Selling Website”, submitted by Ms. Disha Bundela (IC-2K20-23) to the International Institute of Professional Studies, DAVV, Indore and hereby accord our approval of it as a study carried out and presented in a manner required for its acceptance in partial fulfilment for the award of the degree of “Bachelors of Computer Application Semester VI”.

#### **Internal Examiner**

Signature: \_\_\_\_\_

Name : \_\_\_\_\_

Date : \_\_\_\_\_

#### **External Examiner**

Signature: \_\_\_\_\_

Name : \_\_\_\_\_

Date : \_\_\_\_\_

## ACKNOWLEDGEMENT

I would like to express my deepest appreciation to all those who provided me the possibility to complete this report. A special gratitude I give to our project Mentor Mr. Rajesh Verma Sir, whose contribution in stimulating suggestions and encouragement, helped me to coordinate my project especially in writing this report.

Furthermore, I would also like to acknowledge with much appreciation the crucial role of the teachers who gave the permission to use all required equipment and the necessary materials to complete the project.

I have to appreciate the guidance given by other supervisor as well as the panels especially in our project presentation that has improved our presentation skills thanks to their comment and advices.

A special mention needs to be made for Dr. B K tripathi, Director IIPS, DAVV, Mr. Jugendra Dongre, Program In-charge BCA course, Ms. Shraddha Soni, Batch Mentor, BCA VI Semester and all the faculty members of IIPS, DAVV who helped very willingly as often as I wanted and cooperated with interest. I thank and acknowledge each and everyone's efforts that helped me in some or the other way for small and significant things.

Before ending I would like to thank my parents, and friends who have always stood by us whenever I was in need of them. I sincerely regret any inadvertent omissions.

With my heartiest thanks to all.

**Disha Bundela**

**IC-2K20-23**

## **ABSTRACT OF PROJECT**

The car selling website is an online platform that allows users to buy and sell cars from the comfort of their own homes. The website offers a wide range of vehicles to choose from, with detailed listings that include specifications, pricing, and photos. Users can request virtual test drives or schedule appointments to see the cars in person. The website also offers financing options for buyers, making it easy to get approved for a loan before visiting the dealership. Security features are in place to protect customers' personal and financial information, ensuring safe and secure transactions. For sellers, the website offers tools to list their cars for sale, manage inquiries from potential buyers, and complete transactions conveniently online. Overall, the car selling website offers a convenient, safe, and efficient way to buy and sell cars online.

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**CHAPTER: 1**  
**INTRODUCTION**

## **Introduction**

“CAR SELLING SYSTEM” is an online system through which the citizens whose age is 18 and above and of any sex can buy a car online without going to anywhere physically. In our project a database is maintained where all the names of buyers with complete information is stored.

The buyer is assigned an unique ID with which he/she can log into the system and enjoy services provided by the system such as purchasing. If the user provide invalid/wrong details, then the citizen is not eligible to rent.

At Buy Car, we understand that buying a car is a major investment, and we are committed to providing our customers with the information and tools they need to make informed decisions. Our website offers detailed car listings with photos and specifications, pricing information, financing options, and even virtual test drives.

Overall, Buy Car is an all-in-one platform for car sales, offering convenience, efficiency, and a wider reach for both buyers and sellers. Our platform is designed to make the car buying process easier and more convenient, while providing buyers with the information and tools they need to make informed decisions.

Our website is designed to make the car buying process as easy and convenient as possible. You can browse our extensive inventory of cars from the comfort of your own home, with detailed listings that include photos, specifications, and pricing information.

Once you have found the car that you are interested in, you can request a virtual test drive or schedule an appointment to see the car in person.



At our car selling website, we are committed to providing a safe and secure platform for online car sales. We use advanced security features to protect our customers' personal and financial information, and we offer a range of services to help buyers and sellers complete transactions with confidence.

In addition to buying cars online, we also offer a range of services for sellers, including the ability to list their cars for sale on our website, manage inquiries from potential buyers, and complete transactions securely and conveniently online.

## **PROJECT AIM AND OBJECTIVE**

The project aims and objectives that will be achieved after completion of this project are discussed in this part. The aims and objective are as follows :

- Online car buying.
- Online form filling for buying the car of your choice.
- Can give feedback about the services provided.
- Various services are provided on one platform.

# **CHAPTER: 2**

## **SYSTEM ANALYSIS**

## **ANALYSIS**

### **PRODUCT DESCRIPTION:**

Car selling website is a computerized way which helps the users (buyers) to choose, select and buy the car of their choice with their specified colour, model and company name.

Users can search for cars based on their preferred make, model, year, price range and other criteria. Online car buying websites also offer various features to make the buying process easier and more convenient.

### **WORKING IN TRADITIONAL WAY:**

Time-consuming: The process of visiting multiple dealerships, researching cars, and negotiating can be time-consuming, especially if the buyer is unsure of what they want.

Limited options: Buyers are limited to the inventory available at the dealership they visit, which may not include the exact make and model they are looking for.

High-pressure sales tactics: Salespeople at dealerships may use high-pressure tactics to push buyers into making a purchase, which can be stressful and overwhelming.

Limited access to information: Buyers may not have access to all the information they need to make an informed decision, such as the car's history or reviews from other buyers.

Inconvenience: Visiting a dealership during business hours can be inconvenient, especially for people with busy schedules.

Higher costs: Dealerships typically charge higher prices for cars, as they need to cover their own overhead costs and make a profit.

Overall, the traditional way of buying cars can be a stressful and time-consuming process that limits buyers' options and may not provide all the information they need to make an informed decision.

# **CHAPTER:3**

## **SYSTEM REQUIREMENTS**

## LANGUAGES USED

- Front-end: (i) HTML  
(ii)CSS  
(iii)JavaScript
- Backend: php
- Operating system: Windows 10

**HTML (Hypertext Markup Language)** is a standard markup language used for creating and designing web pages. It is a language that is used to structure content on the internet and is the foundation of every website. HTML consists of a series of tags and attributes that tell web browsers how to display content on the web page.

HTML tags are used to define the structure of the web page and provide a context for the browser to interpret the content. HTML tags come in pairs, with an opening tag <tag> and a closing tag </tag>. In between these tags is the content that is to be displayed on the web page.

HTML is used in conjunction with other web technologies like CSS (Cascading Style Sheets) and JavaScript to create visually appealing and interactive web pages. HTML is a simple and powerful language that has remained the foundation of the web for over three decades, making it an essential skill for anyone interested in web development.

**CSS (Cascading Style Sheets)** is a style sheet language used to define the presentation of HTML and XML documents, including colours, layouts, fonts, and animations. CSS separates the presentation of a web page from its content, allowing designers and developers to create a consistent look and feel across multiple web pages or an entire website.

CSS works by associating rules with HTML elements. A rule consists of a selector, which specifies the HTML element(s) to which the rule applies,

and a set of properties and values, which define how the selected element(s) should be styled.

**JavaScript** is a high-level programming language used to create interactive and dynamic effects on web pages. It was first developed by Brendan Eich at Netscape in the mid-1990s and has since become one of the most widely used programming languages on the web.

JavaScript is used to add functionality to web pages, such as form validation, interactivity with the user, and dynamic updates to the content of a web page without the need to reload the entire page. JavaScript is a popular language due to its ease of use, flexibility, and the large number of libraries and frameworks available for it. It is also a key component of modern web development, alongside HTML and CSS.

**PHP (Hypertext Pre-processor)** is a server-side scripting language designed for web development. It was originally created in 1994 by Rasmus Lerdorf and has since evolved into one of the most widely used programming languages for web applications.

PHP code is executed on the server, generating HTML code that can be sent to the client's web browser for display. It can be used to create dynamic web pages, process form data, manage databases, and create and manipulate files on the server. PHP is compatible with many databases such as MySQL, Oracle, and Microsoft SQL Server.

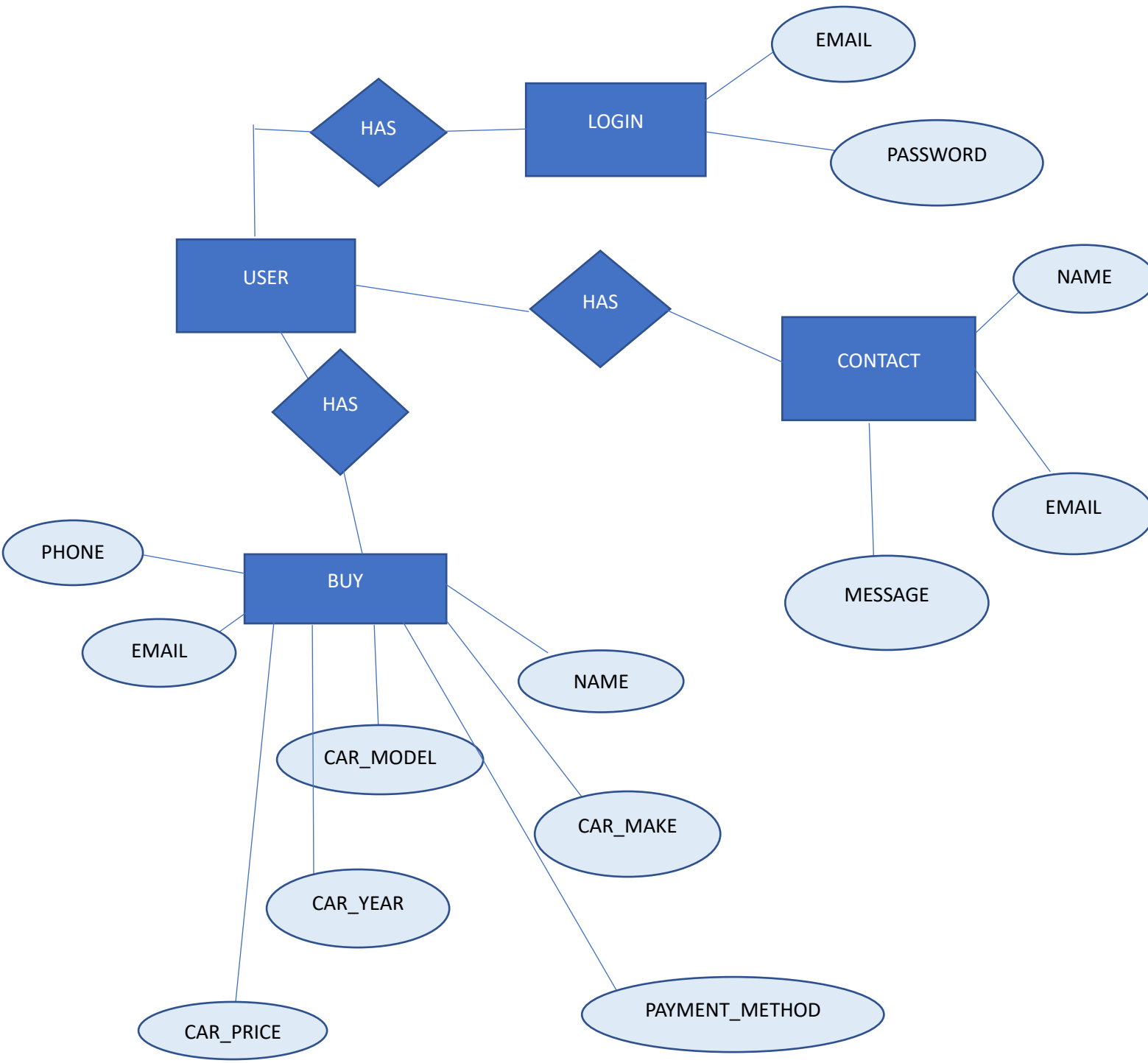
PHP is an open-source language, which means it is free to use and its source code can be modified by anyone. It is also platform-independent, meaning it can run on various operating systems such as Windows, Linux, and macOS.

# **CHAPTER: 4**

## **SYSTEM DESIGN**



ER-DIAGRAM



**CHAPTER: 5**

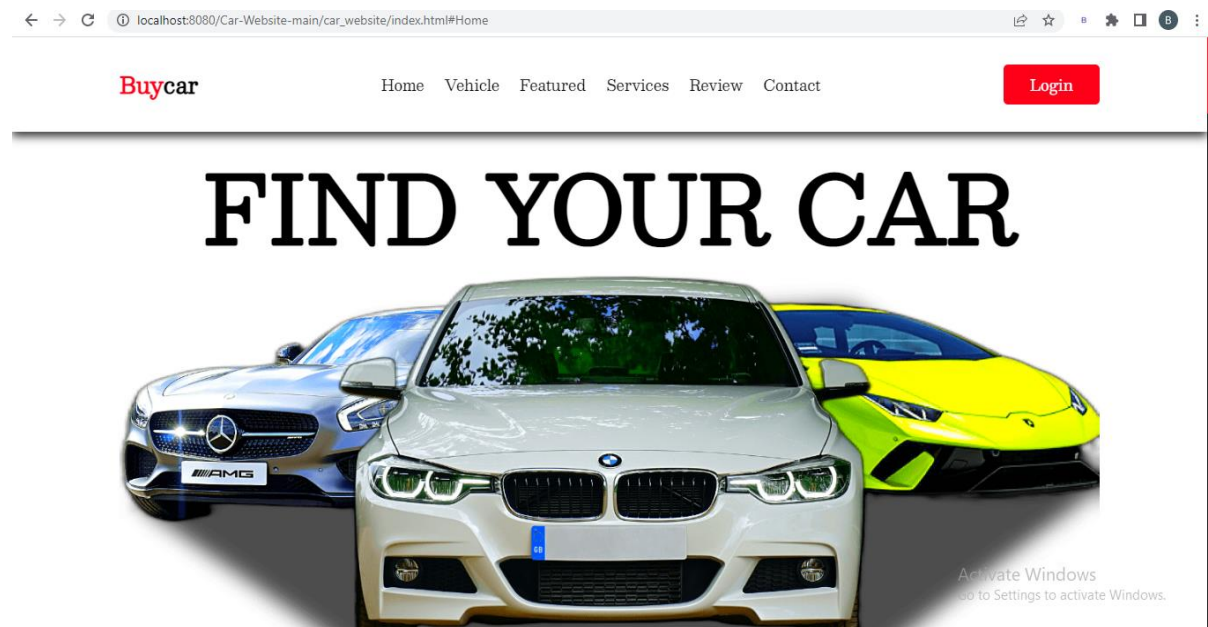
**IMPLEMENTATION AND TESTING**

## IMPLEMENTATION AND TESTING

### Index.html

Index.html is typically the main entry point for a website, serving as the homepage that users first land on when visiting a site. It often contains important information about the website, such as the purpose of the site, the services or products offered, and navigation to other pages within the site.

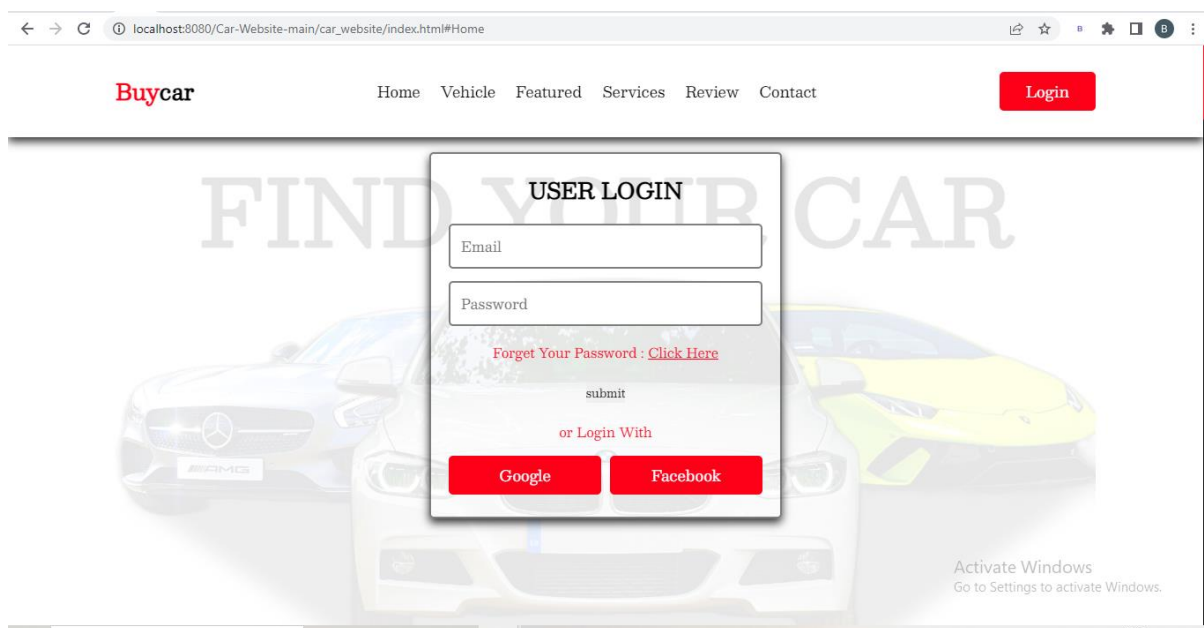
### Home page:



The home page of a website is the main landing page that users first see when they visit the website.

The home page is often designed to be visually appealing and engaging, with a clear call-to-action to encourage visitors to explore the website further. It can also include links to external resources, such as social media profiles and contact information for the website owners or operators.

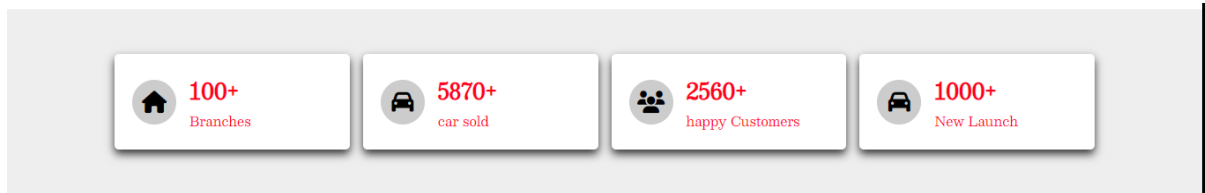
Login page:



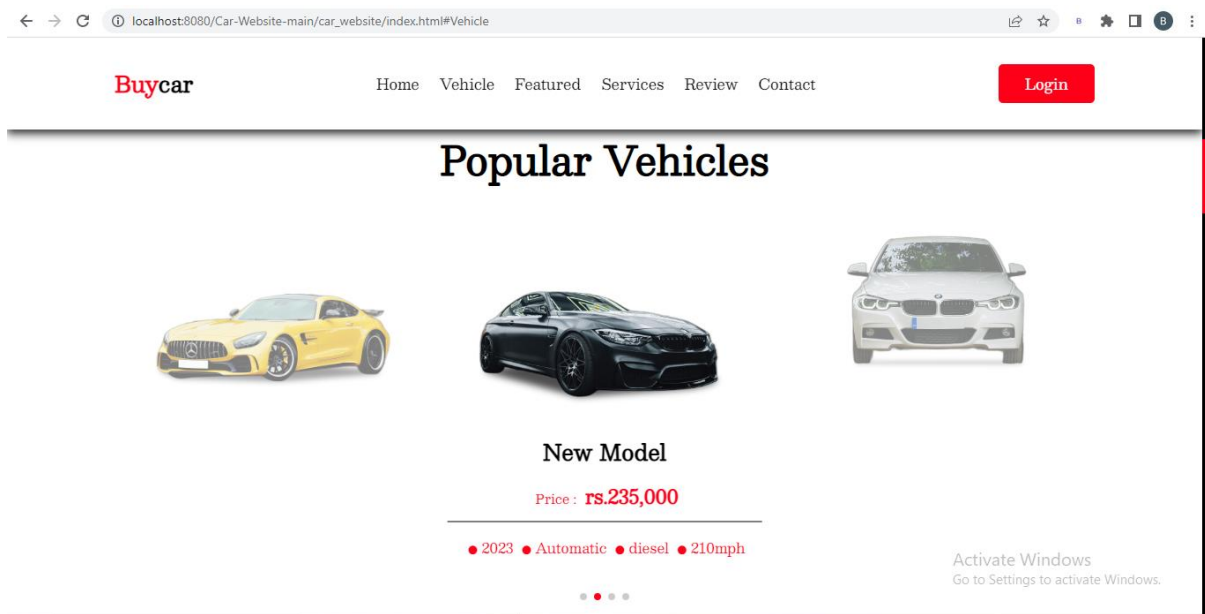
The screenshot shows a web browser window with the address bar displaying 'localhost:8080/Car-Website-main/car\_website/index.html#Home'. The website has a navigation bar with the 'Buycar' logo and links for Home, Vehicle, Featured, Services, Review, and Contact. A red 'Login' button is in the top right. The main content area features a large, semi-transparent 'FIND YOUR CAR' text overlaying a background image of a white Mercedes-AMG GT and a yellow sports car. In the center, a 'USER LOGIN' modal is displayed. This modal contains two input fields for 'Email' and 'Password', a 'submit' button, a link for 'Forget Your Password : Click Here', and social login options for 'Google' and 'Facebook'. An 'Activate Windows' watermark is visible in the bottom right corner of the browser window.

The login page of a website is a secure area that allows users to access their personal accounts by entering their username and password. It is designed to authenticate the user's identity before granting them access to restricted content or features on the website. The login page typically includes a form with input fields for the user's credentials and a button to submit the login request.

It can also include links to reset a forgotten password or create a new account if the user is new to the website. The login page is an essential component of any website that requires user authentication and plays a critical role in securing the user's personal information and data.

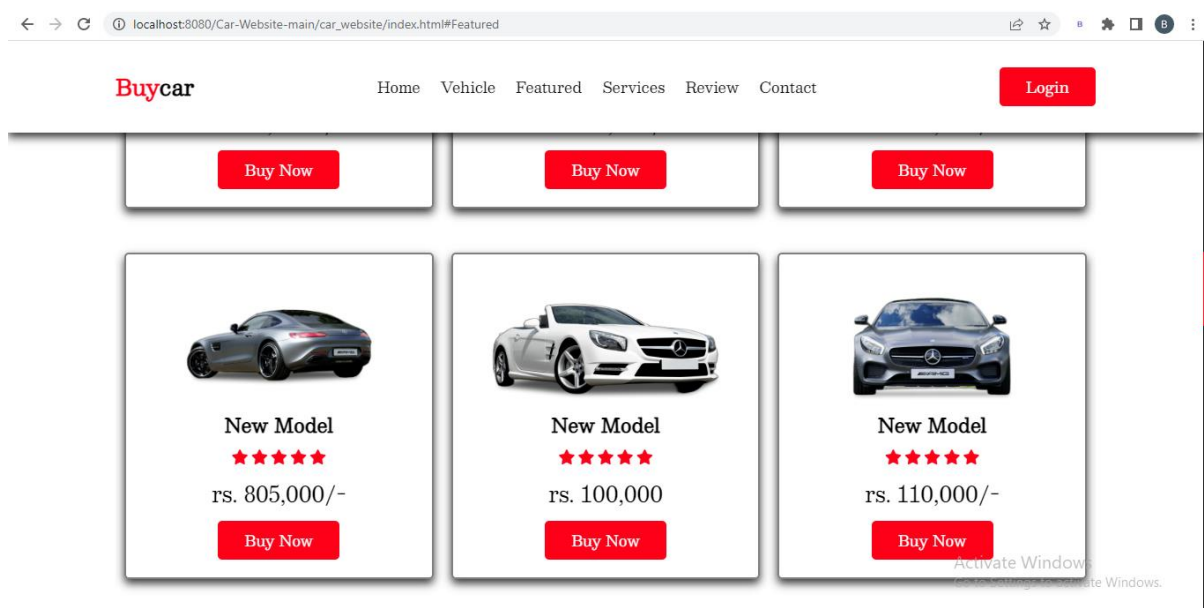
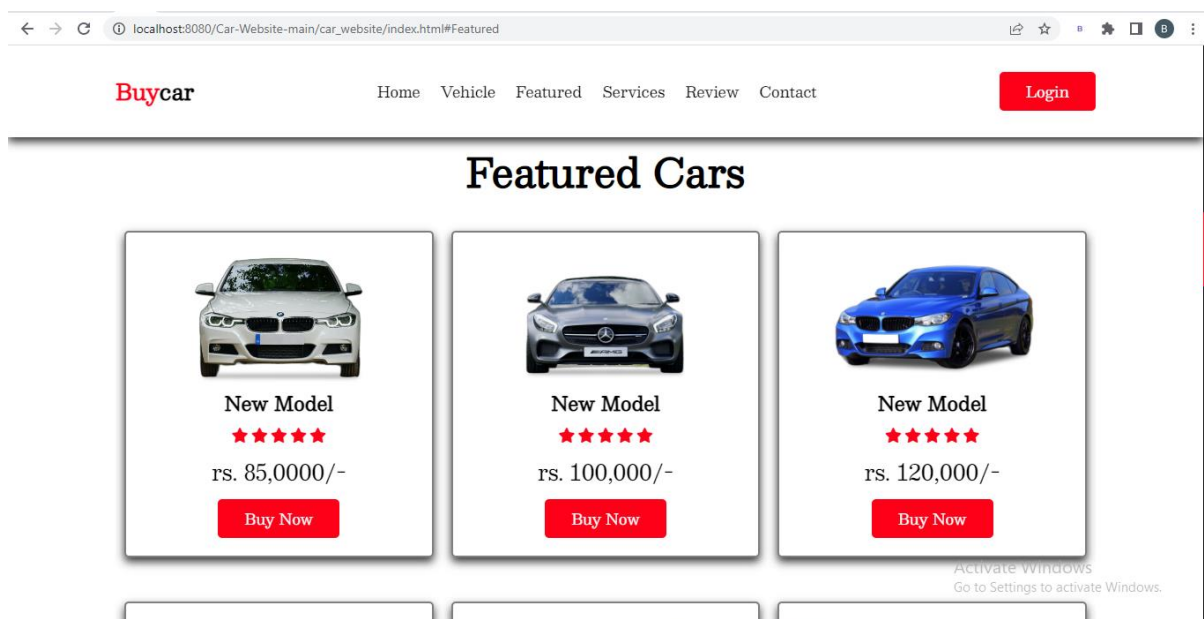


Vehicles page:



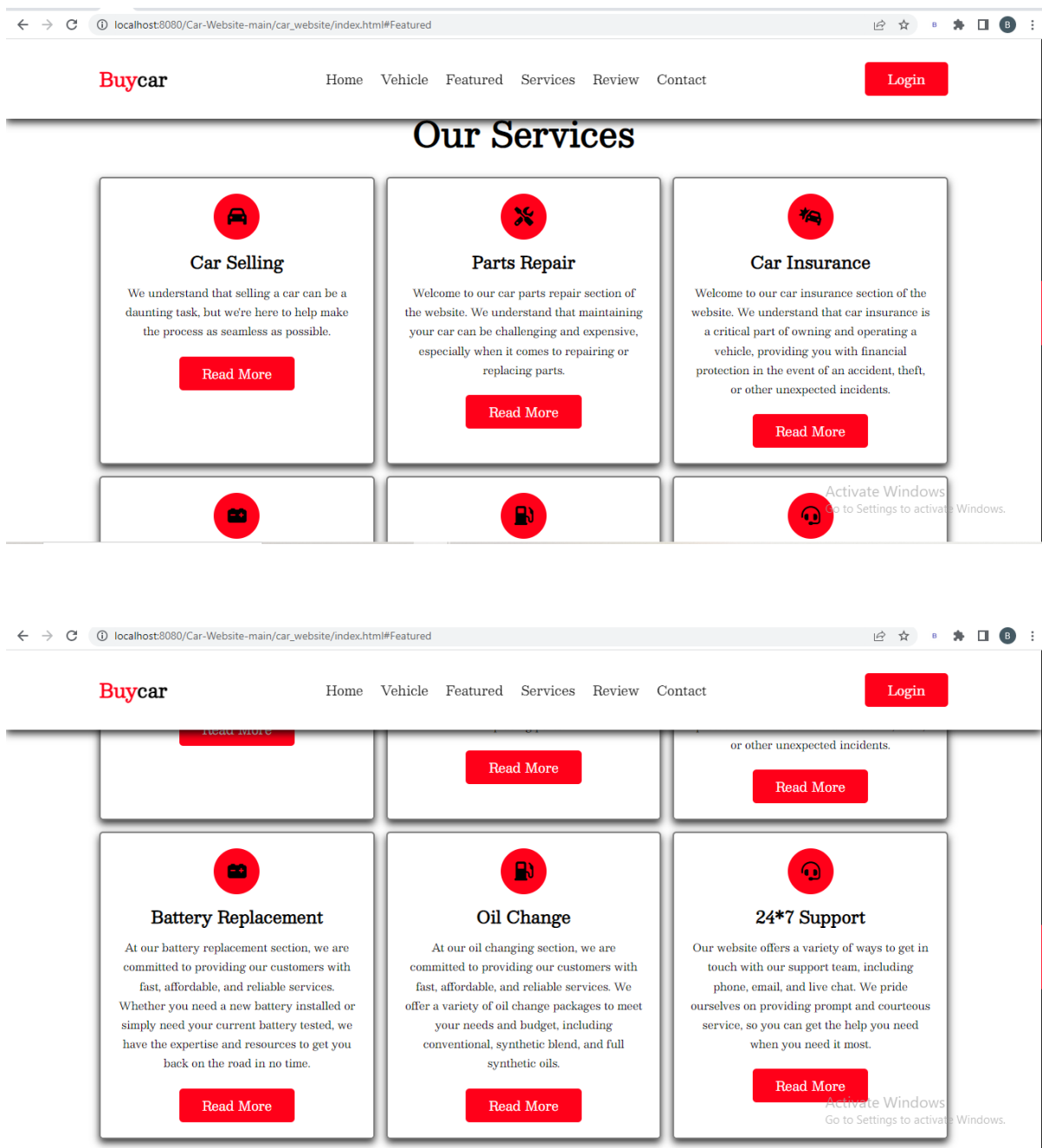
The vehicles page of a car buying website is where users can browse and search for the available cars for sale. This page typically includes a list of all the cars that the website has to offer, along with their images, descriptions, and prices. Users can filter their search results based on various criteria such as car make, model, year, price, mileage, and location.

Featured:



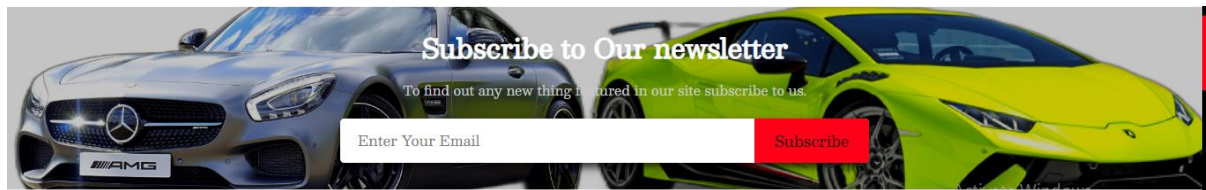
This page typically highlights a select few vehicles that the website recommends based on various criteria such as customer reviews, popularity, and performance. The featured car page can include detailed information about each featured car, including its features, specifications, images, and pricing.

## Services:

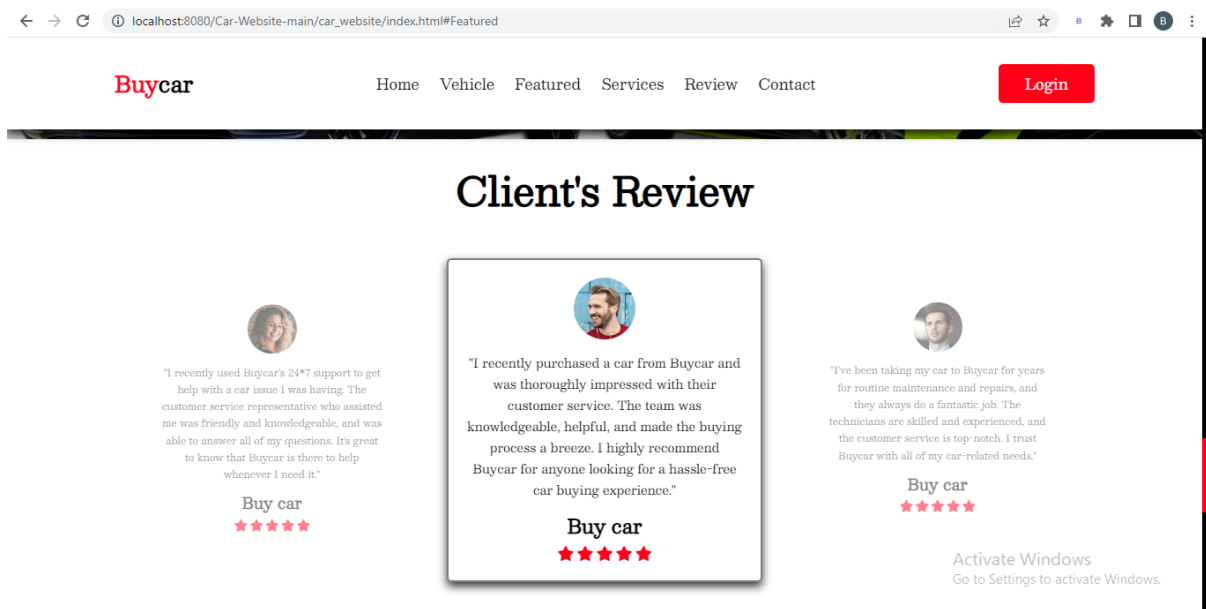


In this section all our services are provided at one place. There are various services provided by the website such as parts repair, car insurance, battery replacement, oil change and 24\*7 support.

## Newsletter:



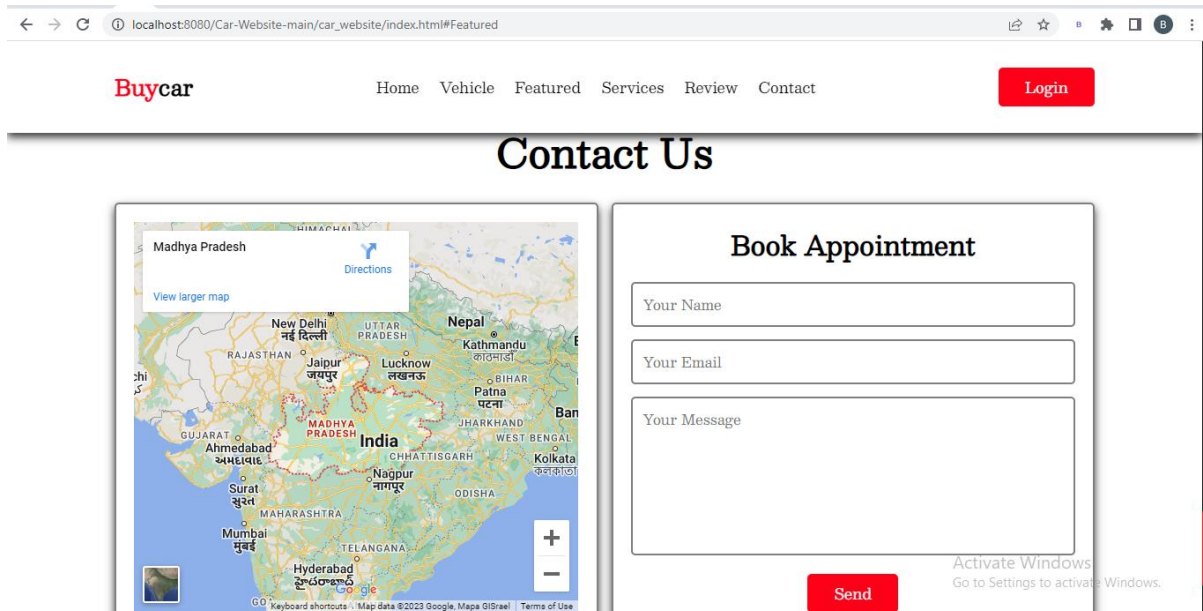
## Review:



The review section of a car buying website provides potential buyers with insights into the experiences of other customers who have previously purchased cars from the website. It allows customers to leave feedback on their experience with the website, the cars they bought, and the customer service they received. The review section can be a valuable resource for customers who are looking to make an informed decision before making a purchase. It also provides the website owners with valuable feedback on areas they can improve to enhance customer satisfaction and boost sales.



Contact:



Buycar

Home Vehicle Featured Services Review Contact

Login

## Contact Us

Madhya Pradesh

Directions

View larger map

New Delhi नई दिल्ली

RAJASTHAN

Uttar Pradesh

Jaipur जयपुर

Lucknow लखनऊ

Nepal

Kathmandu काठमांडौ

Patna पटना

BIHAR

Ban

JHARKHAND

West Bengal

Kolkata कलकत्ता

CHHATTISGARH

Odisha

Nagpur नागपुर

Maharashtra

Surat सुरत

Mumbai मुंबई

Hyderabad हैदराबाद

TELANGANA

GO Keyboard shortcuts Map data ©2023 Google, Maps GIGIS/ Terms of Use

### Book Appointment

Your Name

Your Email

Your Message

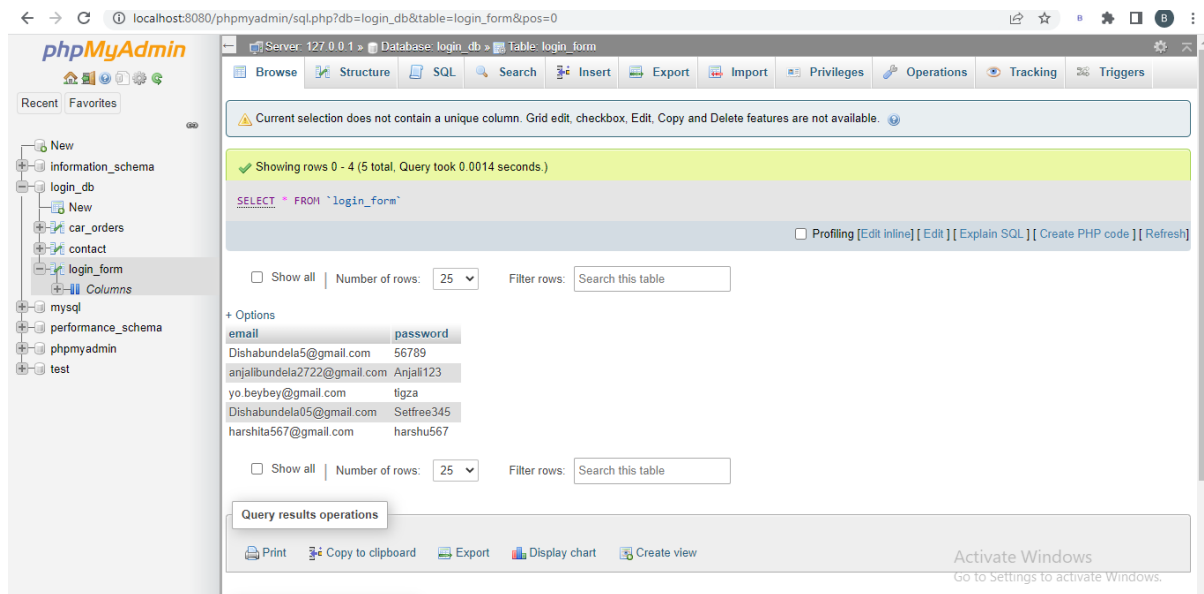
Send

Activate Windows  
Go to Settings to activate Windows.

The "Contact Us" section is an essential part of a car buying website as it allows potential customers to get in touch with the website's administrators. The purpose of the contact form is to allow users to ask questions or provide feedback about the website or its products and services. the "Contact Us" section is an important component of a car buying website as it helps to establish a relationship between the website and its customers, and provides a way for customers to reach out to the website's administrators with any questions, concerns, or feedback they may have.

## DATABASE

### Login form:



This is the database where the login details of the user is stored.

The user can log in to the site by using the email and the password with which he/she have signed up.

The email and password is stored in the table named login\_form.

## Buy form:

The screenshot shows the phpMyAdmin interface with the 'car\_orders' table selected. The table structure is visible, and the data is displayed in a grid. The table has columns: name, email, phone, car\_make, car\_model, car\_year, car\_color, car\_price, and payment\_method. The data row shows: Disha bundela, Dishabundela5@gmail.com, 2147483647, suzuki, suzuki jimny, 1970, red, 100000, credit\_card.

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 0 (1 total, Query took 0.0014 seconds.)

SELECT \* FROM `car\_orders`

Options

name	email	phone	car_make	car_model	car_year	car_color	car_price	payment_method
Disha bundela	Dishabundela5@gmail.com	2147483647	suzuki	suzuki jimny	1970	red	100000	credit_card

Query results operations

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

Console

The screenshot shows the phpMyAdmin interface with the 'car\_orders' table structure selected. The table structure is displayed in a table format. The table has columns: name, email, phone, car\_make, car\_model, car\_year, car\_color, car\_price, and payment\_method. The data row shows: Disha bundela, Dishabundela5@gmail.com, 2147483647, suzuki, suzuki jimny, 1970, red, 100000, credit\_card.

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
2	email	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
3	phone	int(10)			No	None			Change Drop More
4	car_make	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More
5	car_model	varchar(15)	utf8mb4_general_ci		No	None			Change Drop More
6	car_year	int(4)			No	None			Change Drop More
7	car_color	text	utf8mb4_general_ci		No	None			Change Drop More
8	car_price	int(10)			No	None			Change Drop More
9	payment_method	text	utf8mb4_general_ci		No	None			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns

Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after payment\_method Go

Indexes

## Contact:

The screenshot shows the phpMyAdmin interface with the 'contact' table selected. The table structure is visible, and the data is displayed in a grid. The table has three columns: name, email, and message. The data shows two rows: Disha bundela and anjali bundela.

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 1 (2 total, Query took 0.0015 seconds)

```
SELECT * FROM `contact`
```

Options: name, email, message

name	email	message
Disha bundela	Dishabundela5@gmail.com	
anjali bundela	anjali bundela2722@gmail.com	

Query results operations: Print, Copy to clipboard, Export, Display chart, Create view

Bookmark this SQL query

Let every user access this bookmark

The screenshot shows the phpMyAdmin interface with the 'contact' table structure selected. The table structure is displayed in a table format. The table has three columns: name, email, and message. The table structure is shown with columns, attributes, null, default, comments, extra, and action.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	name	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
2	email	varchar(30)	utf8mb4_general_ci		No	None			Change Drop More
3	message	varchar(100)	utf8mb4_general_ci		No	None			Change Drop More

Indexes: No index defined!

Create an index on 1 columns Go

Partitions

# **CHAPTER: 6**

## **LIMITATIONS**

## **POSSIBLE LIMITATIONS OF THE SYSTEM**

Limited interaction with the car: Unlike visiting a physical dealership, a car buying website may not allow customers to fully experience the car they are interested in, such as test driving the car.

Inaccurate information: Sometimes, the information provided on the website may not be accurate, leading to confusion or incorrect expectations for the customer.

Limited negotiation: Negotiating the price of a car may be more difficult through a website, as there may not be as much room for bargaining compared to in-person.

Lack of personal touch: A website may lack the personal touch of a salesperson who can provide customized recommendations based on the customer's needs and preferences.

Technical issues: Technical issues can arise on the website, leading to frustration and loss of business for the company.

# **CHAPTER: 7**

## **CONCLUSION**

## **CONCLUSION: -**

In conclusion, a car buying website provides a convenient and efficient platform for individuals who want to purchase a car.

It eliminates the traditional and time-consuming process of physically visiting a dealership or private seller to purchase a car. Through the website, users can browse and select from a wide variety of cars, view their specifications, features, and prices, and even read reviews from other buyers.

Additionally, the website can provide a seamless payment and delivery process, further simplifying the car buying experience. However, it is essential to note that the website has limitations, such as the inability to physically inspect the car before purchase and the risk of online fraud.

The project was developed using HTML, CSS, JavaScript, PHP and MySQL, which provided a robust and reliable platform for the system's development.



## REFERENCES

Took the reference from:

- (1) [Geeksforgeeks.com](https://www.geeksforgeeks.com)
- (2) [W3schools.com](https://www.w3schools.com)
- (3) [Javatpoint.com](https://www.javatpoint.com)
- (4) [Javascript.info](https://www.javascript.info)