



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

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SELLING AUTOMOBILES APPLICATION

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Presentation Outline

- Introduction
- Objectives
- System Architecture / Ideation Map
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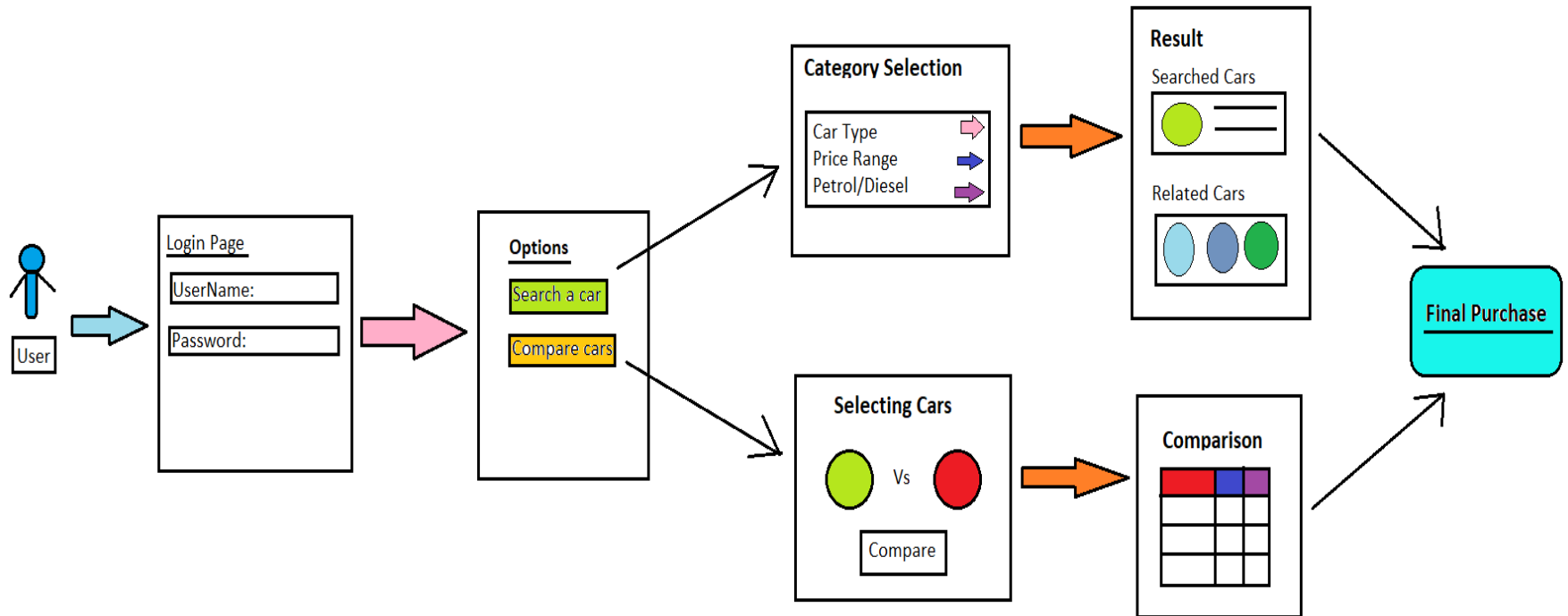
Introduction

- Purchasing a new car is a challenging task for anyone. Without proper guidance a user can end up selecting a wrong car as this field deals with a lot of technical aspects.
- Thus, this website helps this process to become easy peasy by selecting few options only. A buyer can check any vehicle of his choice or he can compare any cars and then decide anyone to purchase.
- Car images and related information like price is all available in the website. A buyer can login or register as well. He can apply for a dealership too.

Objectives

- To make a car selling web application in which a car buyer can easily choose a car of his preference and can ultimately purchase it.
- To use HTML, CSS, JS, MySQL to make a user friendly website.

System Architecture / Ideation Map



Project Implementation

- Module 1: Making the front end.
- Module 2: To make backend with MySQL
- Module 3: Displaying the final result.

Methodology

- Module 1:
 - **1.1** Add an image inside a container and add inputs (with a matching label) for each field. Wrap a <form> element around them to process the input. Then add CSS and JavaScript

Example

```
<form action="action_page.php" method="post">
  <div class="imgcontainer">
    
  </div>

  <div class="container">
    <label for="uname"><b>Username</b></label>
    <input type="text" placeholder="Enter Username" name="uname" required>

    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw" required>

    <button type="submit">Login</button>
    <label>
      <input type="checkbox" checked="checked" name="remember"> Remember me
    </label>
  </div>

  <div class="container" style="background-color:#f1f1f1">
    <button type="button" class="cancelbtn">Cancel</button>
    <span class="psw">Forgot <a href="#">password?</a></span>
  </div>
</form>
```

Example

```
<script>
// Get the modal
var modal = document.getElementById('id01');

// When the user clicks anywhere outside of the modal, close it
window.onclick = function(event) {
  if (event.target == modal) {
    modal.style.display = "none";
  }
}
</script>
```

Methodology

1.2 Making the home page using JS(header and footer).

```
1 import React from "react";
2 import Feedbacks from "../Feedbacks/Feedbacks";
3 import Footer from "../Footer/Footer";
4 import Navigation from "../Navigation/Navigation";
5 import News from "../News/News";
6 import Offering from "../Offering/Offering";
7 import ProductHome from "../ProductHome/ProductHome";
8 import Slider from "../Slider/Slider";
9
10 const Home = () => {
11   return (
12     <div>
13       <Navigation></Navigation>
14       <Slider></Slider>
15       <Offering></Offering>
16       <ProductHome></ProductHome>
17       <News></News>
18       <Feedbacks />
19       <Footer></Footer>
20     </div>
21   );
22 };
23
24 export default Home;
```

First Name

Last Name

Country

Subject

1.3 Product card creation.

1.4 Creating contact page

Methodology

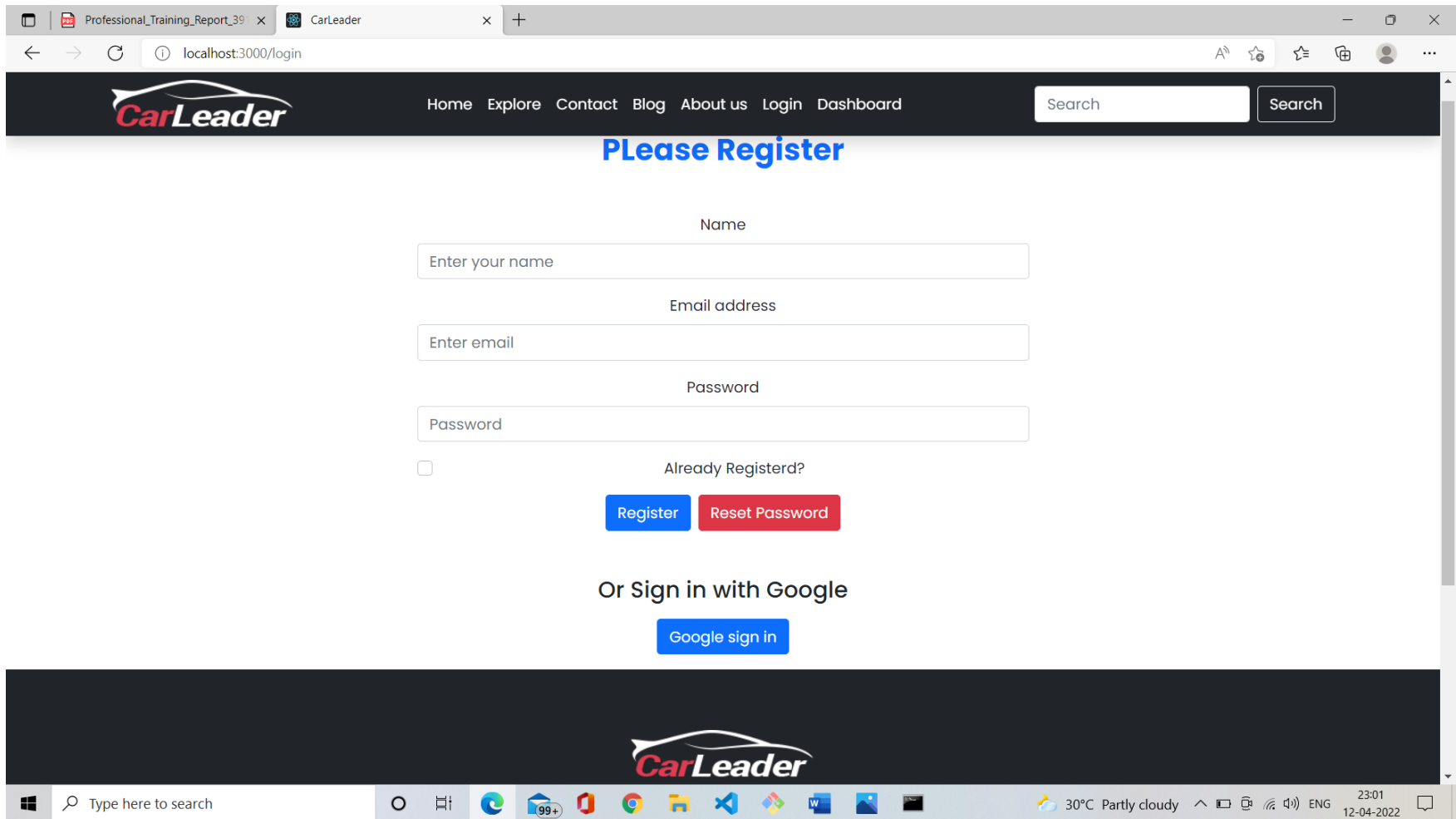
- Module 2:

- 2.1) Creating a MySql Database for the website**

- 1) Create the Virtual Machine.
 - 2)Install the MySQL Database.
 - 3)Prepare the MySQL Database.
 - 4)Replace the Static Website.
 - 5)Connect the Website to the Database.
 - 6)Select the Records in the Database.
 - 7)Insert a Record into the Database.
 - 8)Update a Record in the Database.

Results and Discussion

- This is the login page.



The screenshot shows a web browser window with the address bar displaying 'localhost:3000/login'. The page features a dark header with the 'CarLeader' logo on the left and navigation links (Home, Explore, Contact, Blog, About us, Login, Dashboard) and a search bar on the right. Below the header, the text 'Please Register' is prominently displayed in blue. The registration form consists of three input fields: 'Name' (placeholder: 'Enter your name'), 'Email address' (placeholder: 'Enter email'), and 'Password' (placeholder: 'Password'). Below these fields is a checkbox labeled 'Already Registered?'. Two buttons, 'Register' (blue) and 'Reset Password' (red), are positioned below the checkbox. Further down, the text 'Or Sign in with Google' is shown, followed by a 'Google sign in' button. The footer of the page is dark and contains the 'CarLeader' logo. The Windows taskbar at the bottom shows the date '10 April 2022', the time '23:01', and the date '12-04-2022'.

Professional_Training_Report_39 x CarLeader x +

localhost:3000/login

Home Explore Contact Blog About us Login Dashboard

Search Search

Please Register

Name

Enter your name

Email address

Enter email

Password

Password

☐ Already Registered?

Register Reset Password

Or Sign in with Google

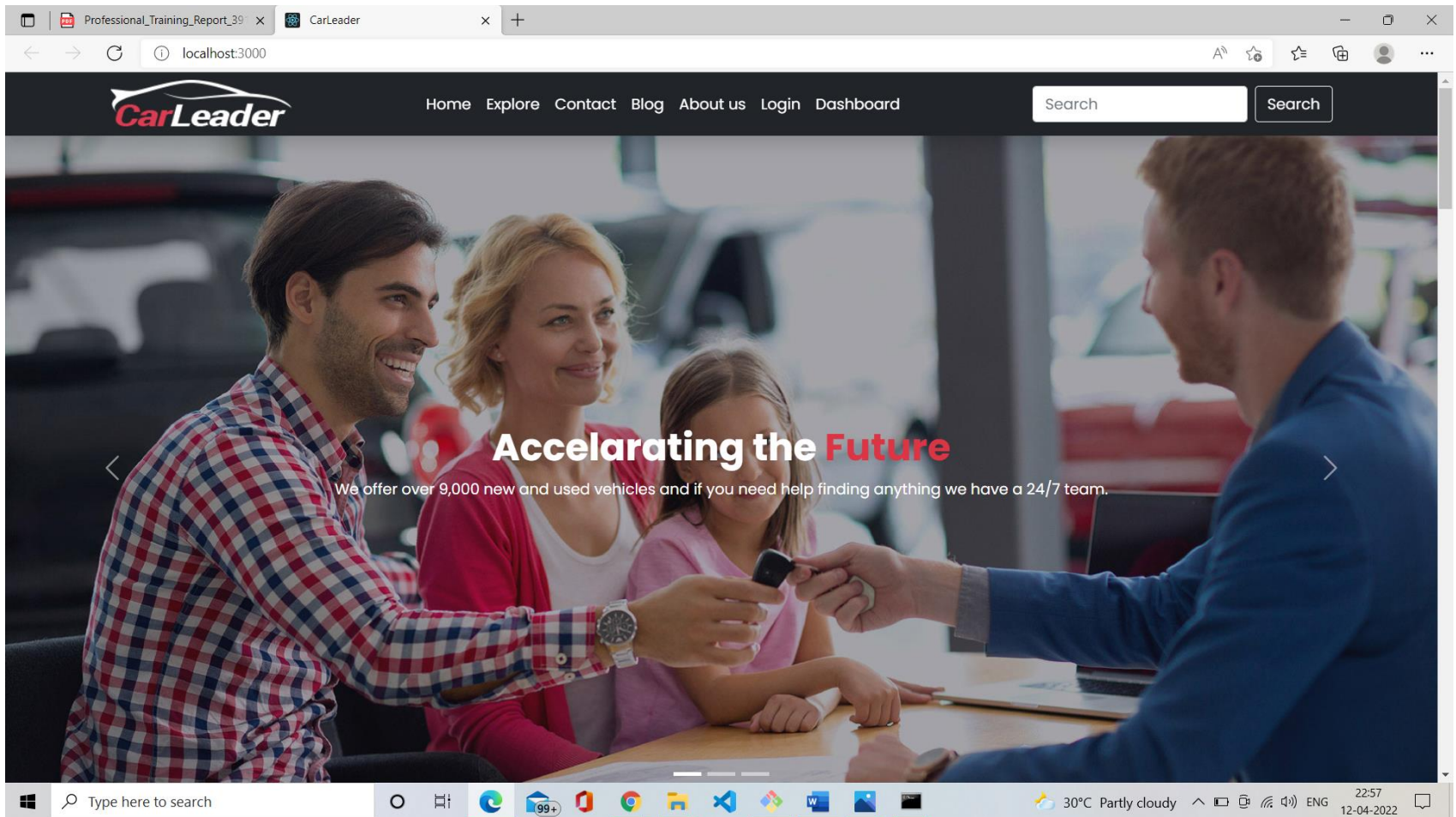
Google sign in

CarLeader

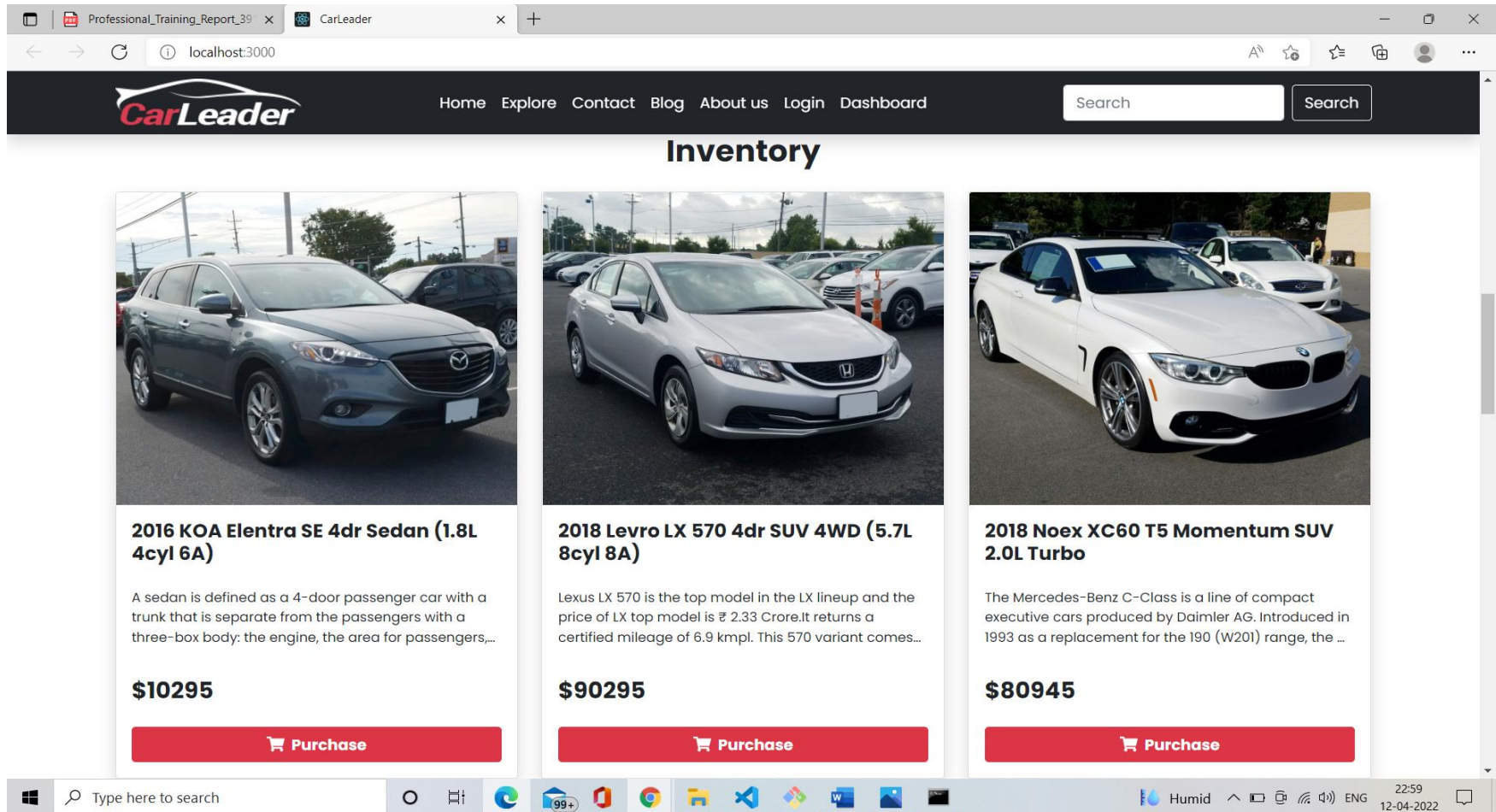
Type here to search

30°C Partly cloudy 23:01 12-04-2022

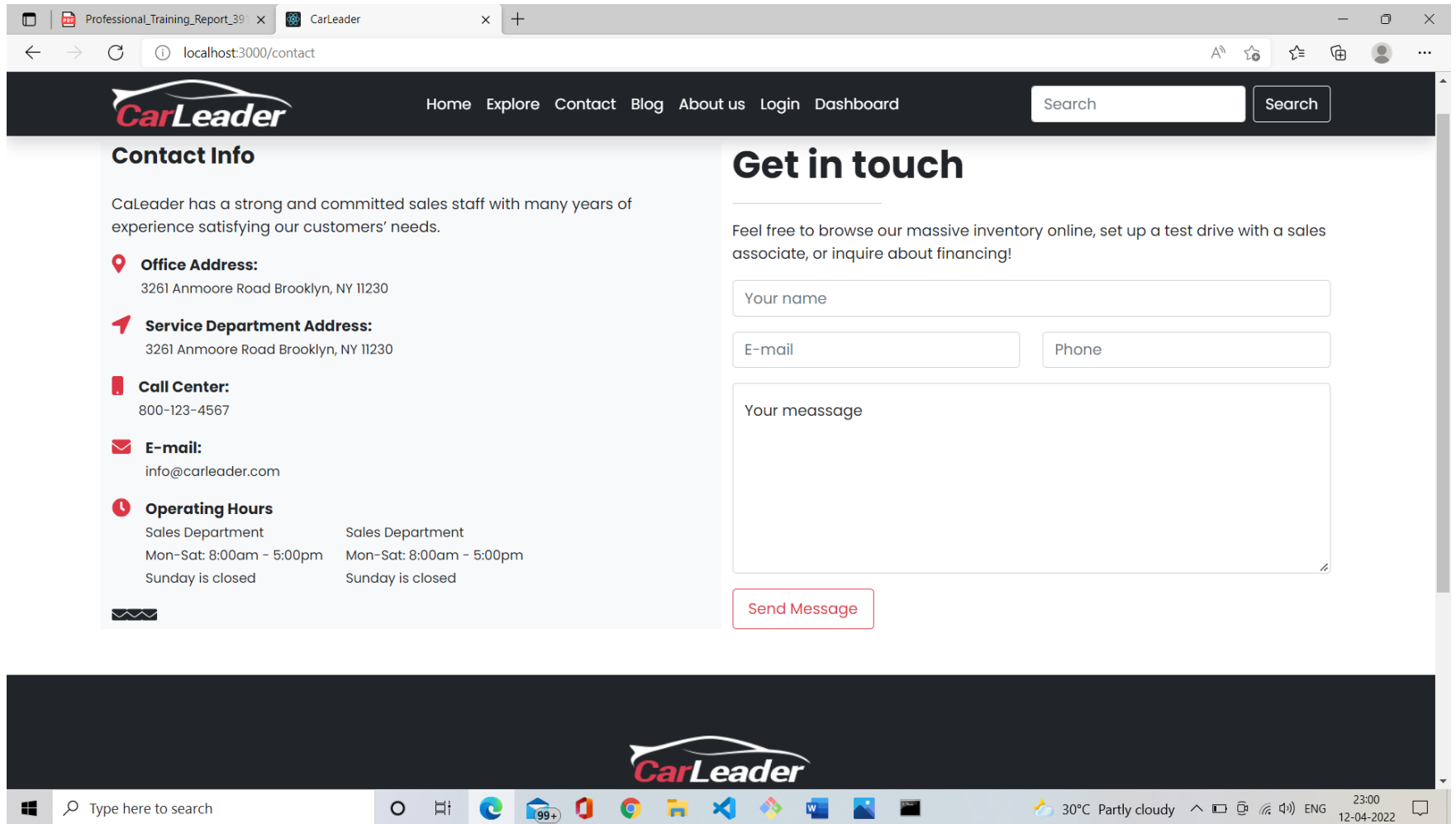
2) This is the home page.



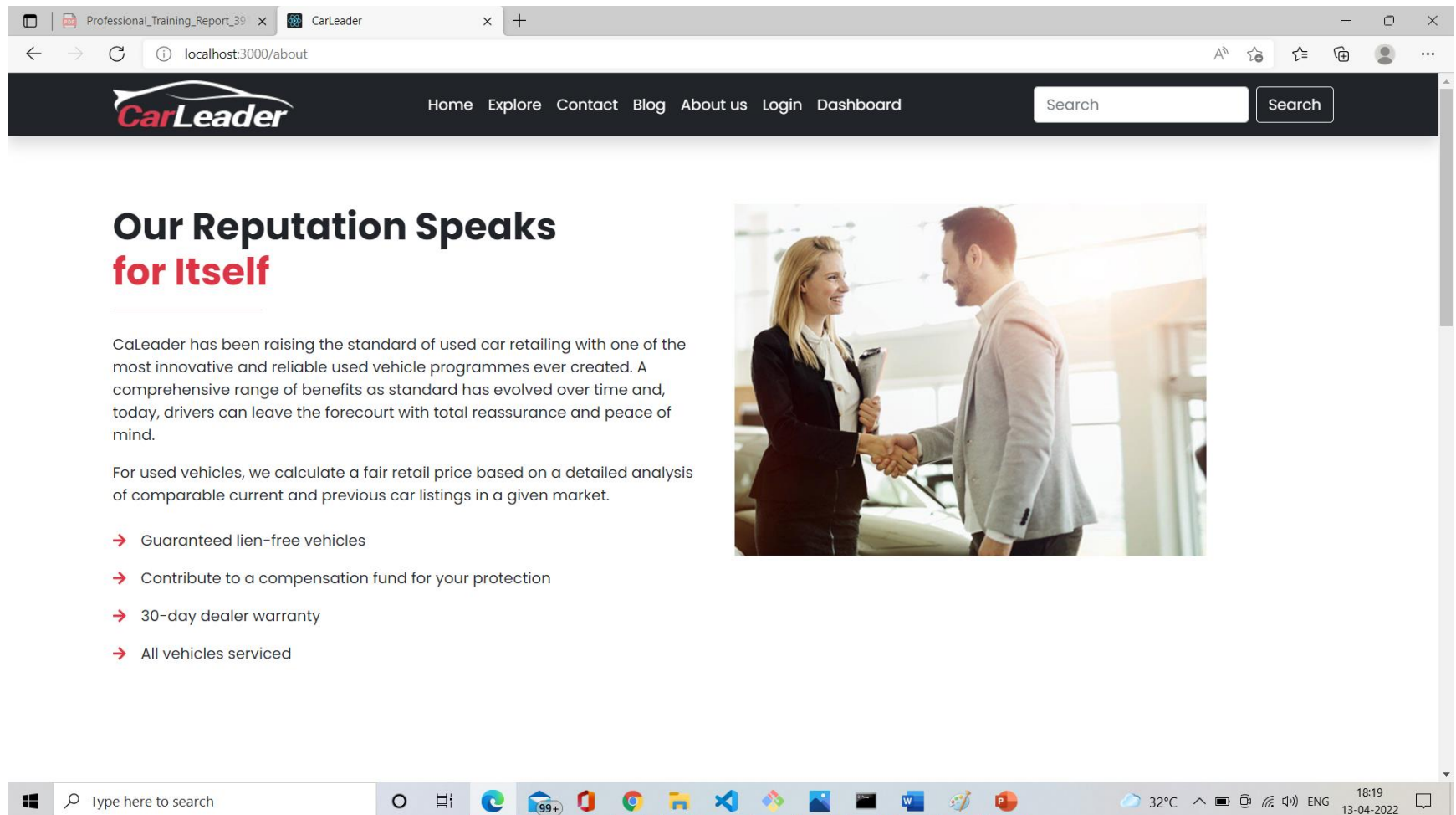
- This is the product page where the user can choose his cars from.



- This is the Contact Page.



- This is about us page .



Conclusion

- Successfully created a web application using HTML,CSS,JavaScript and MySQL to purchase cars online.
- Using the this application a user who is a newbie in car industry can also select a good car .
- This is a user friendly website which has multiple features.

FUTURE RESEARCH :

- We will we able to buy cars online without dealership directly from the company sitting at home itself.
- We can compare cars very efficiently and know which one is better in just few clicks.

References

- [1] <https://www.news18.com/news/auto/heres-how-to-buy-the-best-car-new-car-buying-guide-for-the-first-time-buyers-2368203.html> | Wuxain Zhang, Hung-Min Sun, *2017 IEEE 22nd Pacific Rim International Symposium on Dependable Computing (PRDC)*
- [2] https://www.researchgate.net/publication/327070602_Consumer_Buying_Behaviour_of_Cars_in_India_-_A_Survey
- [3] <https://www.caranddriver.com/research/a32813947/car-specs/>