

1. INTRODUCTION

1.1 Project Overview

An inventory management system (or inventory system) is the process by which you track your goods throughout your entire supply chain, from purchasing to production to end sales. It governs how you approach inventory management for your business. When it comes to monitoring and maintaining stocked items, Inventory management system is used to check whether the company assets, raw materials and supplies, or finished goods that are ready to be sent to vendors or end users. Inventory management system is the combination of technology (hardware and software) and processes and procedures. It can be used to construct a checklist, bill of materials, and other documentation connected to production in the industrial sector. To prevent products overstock and outages, businesses utilize inventory management software. It is a tool for organizing inventory data, which was previously typically kept in hard copy. Inventory are items that a business keeps on hand while producing the product and its component parts for sale. the variety of forms that finished goods and inventory might take. The goal of inventory management is to maintain inventory at the lowest cost possible given the objectives to ensure ongoing provisions for ongoing activities. While making judgments on inventory management, a compromise must be reached between several cost factors. It may include the expenses associated with providing inventory, inventory keeping, and expenditures brought on by insufficient stocks.

1.2 Purpose

- Tracking the movement of goods between places
- Delivering goods into a warehouse or another place.
- Monitoring product sales and stock levels.
- Avoiding product damage and obsolescence.
- Avoiding losing out on sales due to stock shortages.
- Gathering, packing, and delivering goods from a warehouse.
- Sustaining a balance between excessive and insufficient inventory.
- For a cost secretarial plan to be successful, there must be proper control of accounts and equipment from the time that information is placed with the provider until they have been successfully used in manufacturing.
- The planning and routing department in the automotive sector is in charge of determining where and how the job is to be done as well as issuing directions.

2. LITERATURE SURVEY

2.1 Existing problem

Dave Piasecki [1] (2001) He concentrated on several inventory model calculations using the EOQ method to determine the best buy quantity. He draws attention to the fact that many businesses do not adopt the EOQ model due to the subpar outcomes brought on by erroneous data entry. He claims that the EOQ is an accounting formula that establishes the point at which the costs associated with ordering and stock inventory are the least. He emphasises that the EOQ approach and the JIT approach are compatible. He goes on to explain the EOQ model calculation, which takes into account factors including annual unit utilisation, order cost, and carrying cost. Finally, he suggests a number of actions to take when putting the EOQ model into practise. This literature's weakness right now is that it doesn't go into more detail on the relationship between EOQ and JIT.

Sambasiva Rao. K [2] (2002) According to his study on materials management in the public sector shipbuilding industry, he assesses the effectiveness of materials management and pinpoints some of the challenges it faces. This investigative technique makes use of 68 documents as evidence and a survey of professional opinion. He assesses the current purchasing procedures and the lead times associated with stock item acquisition, and he makes recommendations to shorten the lengthy wait times. His investigation suggests that all of the engineering divisions need more stock in terms of monthly production costs. Additionally, he draws attention to a few issues with materials management, including the availability of surplus and non-moving commodities and their disposal, long lead times, and an over-reliance on imports.

Gaur, Fisher and Raman [3] (2005) They looked at retailing organisations' firm-level inventory behaviour in their investigation. They collected data from 311 publicly traded retail companies between the years 1987 and 2000 to examine the relationship between stock turnover and factors such as gross margin, capital intensity, and sales surprise. Everyone saw that stock total turnover for retailers was inversely correlated with gross margins and favourably correlated with capital intensity with sales surprise.

S. Singh [4] (2006) evaluation of stock control exercises at IFFCO, a single fertilizers firm. He statistically investigated inventory patterns and stock levels in relation to consumption, sales, and other variables, along with growth on these variables. He came to the conclusion that stock component increases increase in the stock's percentage of current assets Stores having spares received extra consideration to account for any additional purchases that might follow. Indian Farmers Fertilizer Cooperative Limited (IFFCO) and National Fertilizer Limited are two chemical companies that Pradeep Singh (2008) attempted to investigate (NFL). He came to the conclusion that the general state of the IFFCO/NFL working fund is satisfactory. However, given the IFFCO situation, there is a need for inventory to be improved.

Capkun, Hameri and Weiss [5] (2009) Using capital information from a sizable sample of US- based production units over a 26-year period, from 1980 to 2005, statistical analysis was done to determine the relationship between stock levels and fund position in manufacturing enterprises. They claimed that there was a strong correlation between profitability and the performance of the inventory and its constituent parts.

Gaur and Bhattacharya [6] (2011) Aimed to research the relationship between the financial success of Indian manufacturing enterprises and the performance of inventory items such raw materials, work in progress, and finished goods. The study found that while raw material inventory and work-in-progress had little bearing on business performance, finished goods inventory was inversely related to it. They emphasised the need to attempt to concentrate on individual inventory components rather than the entire inventory in order to manage it effectively. They came to the conclusion that managers who don't pay attention to inventory performance may struggle to compete.

Eneje et al [7] (2012) He studied how the raw stock inventory management system with margin of the beer company had changed in Nigeria between 1989 and 2008 using data that had been collected for analysis from the annual reports of the sampled brewery firms. Brewers' management of their raw material inventory was modelled using profitability metrics. In the investigation, the Ordinary Least Squares (OLS) method applied as a multiple regression model was used.

According to research, the profitability of the brewery businesses in Nigeria is highly influenced by the local variable raw stock inventory managing system's design, which captures changes of effective management of raw stock inventory on behalf of the company in terms of their margin.

Nyabwanga and Ojera [8] (2012) Their research concentrate relationship among inventory management with business performance of smallscale enterprises (SSEs), in Kisii Municipality, Kisii County, Kenya. They used a cross-sectional survey study based on a small sample size of 79 SSEs. The study inferred that inventory comprised the maximum portion of working capital, and improper management of working capital was one of the major reasons of SSE failures. The empirical results disclosed that a positive significant relationship existed between business performance and inventory management practices with inventory budgeting having the maximum influence on business.

Sahari, Tinggi and Kadri [9] (2012) They concentrated on the relationship between the inventory management system and business success as it related to funding capacity. For that purpose, they searched 82 sample construction firms in Malaysia between the years of 2006 and 2010. They came to the conclusion that inventory management is favourably connected with company performance using the regression and correlation analysis methodologies. The findings also suggest a favourable relationship between inventory control and capital intensity.

Soni [10] (2012) Made a thorough analysis of the inventory management procedures used in Punjab's engineering goods industry. The investigation was conducted utilising a panel data set and a sample of 11 companies during a five-year period, from 2004 to 2009. The success of an industry is determined by the appropriate and prompt flow of inventories. In contrast to increases in current assets and net working capital, she came to the conclusion that inventory size only slightly increased during the time. Half of the working capital was made up of inventories, which were overstocked as a result of low inventory turnover, particularly for completed items and raw materials. Inventory levels increase as sales increase and the market is in good shape. **Lwiki et al [11]** (2013) A review of all eight sugar production companies in Kenya revealed a generally favourable association between all inventory management techniques. It has been demonstrated that certain performance indicators depend on the sophistication of inventory management techniques. They found a significant relationship between Return on Equity, a lean inventory strategy, and strategic supplier alliances. As a result, they came to the conclusion that inventory management methods might be said to be a function of the performance of sugar enterprises.

Panigrahi [12] (2013) His analysis suggests that the inventory management techniques employed by Indian cement companies and their effects on working capital efficiency. The study also looked into the connection between inventory conversion days and profitability. The study found that there must be an antagonistic relationship between the conversion period of inventory and profit margin over a ten-year period, from 2001 to 2010, utilising a sample of the top five cement businesses in India.

Madishetti and Kibona [13] (2013) It was discovered that a small- or medium-sized enterprise's (SMEs) profitability benefits from an inventory management strategy that is adequately conceived and implemented. They looked at how inventory management affected the profitability of SMEs as well as the relationship between inventory conversion time and profitability. They used information from financial records for the years 2006 to 2011 to analyse a sample of 26 Tanzanian SMEs. To ascertain the effect of the inventory conversion period on gross operating profit, regression analysis was used. The findings made it evident that there was a strong negative linear link between inventory conversion time and profitability.

Srinivas Rao Kasisomayajula [14] (2014) Inventory Management in the Commercial Vehicle Industry in India is the subject of his research. Five representative businesses were chosen for the study. The analysis came to the conclusion that there is a substantial association between inventory and sales for all units in the commercial vehicle market. An organization's health must be maintained and improved through effective inventory management. The profitability of the company will increase with effective inventory management.

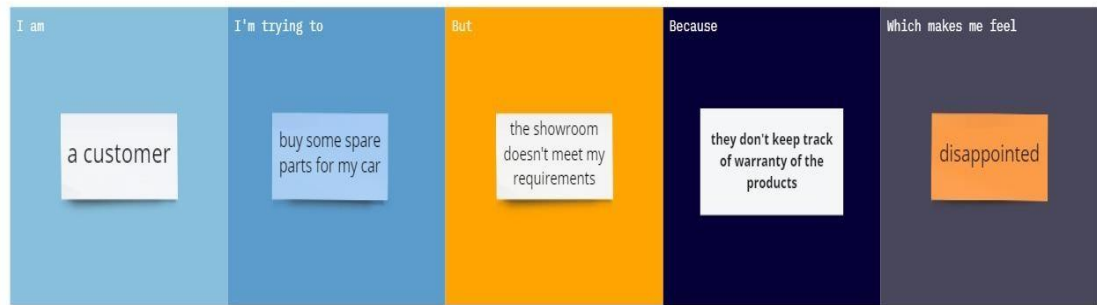
Edwin Sitienei and Florence Memba [15] (2015) Conducted a study on the impact of inventory management on the Kenyan cement industry's profitability. According to the study's findings, the inventory conversion duration and gross profit margin are inversely connected. Increases in sales, which indicate a larger firm, enrich the firm's inventory levels, which boost profits because of the right amount of inventory on hand. In order to increase profitability and lower inventory expenses associated with keeping too much stock in warehouses, organizations inventory systems must maintain optimal inventory levels.

2.2 References

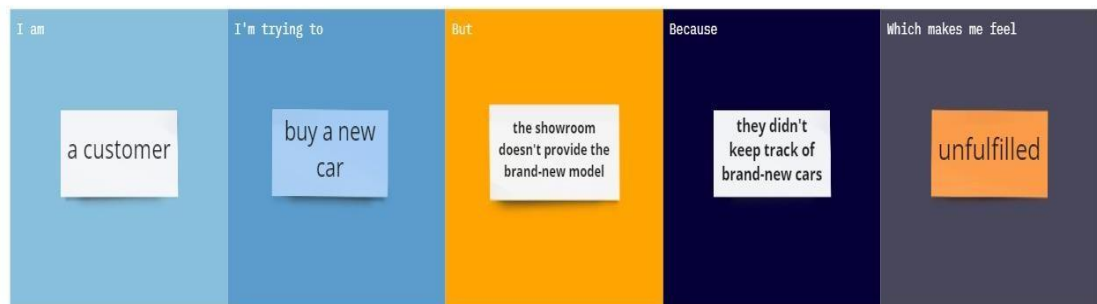
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2.3 Problem Statement Definition

PROBLEM STATEMENT 1



PROBLEM STATEMENT 2



3. IDEATION & PROPOSED SOLUTION

3.1 Empathy Map Canvas

The core empathy map, which aids in identifying and describing the user's wants and pain points, is expanded upon in an empathy map canvas. Additionally, this data is useful for enhancing user experience. Teams employ user insights to map out what matters to, impacts, and how their target audience presents themselves. Using this data, personas are then developed to assist teams in visualizing and empathizing with users as people rather than just as a general marketing demographic or account number.

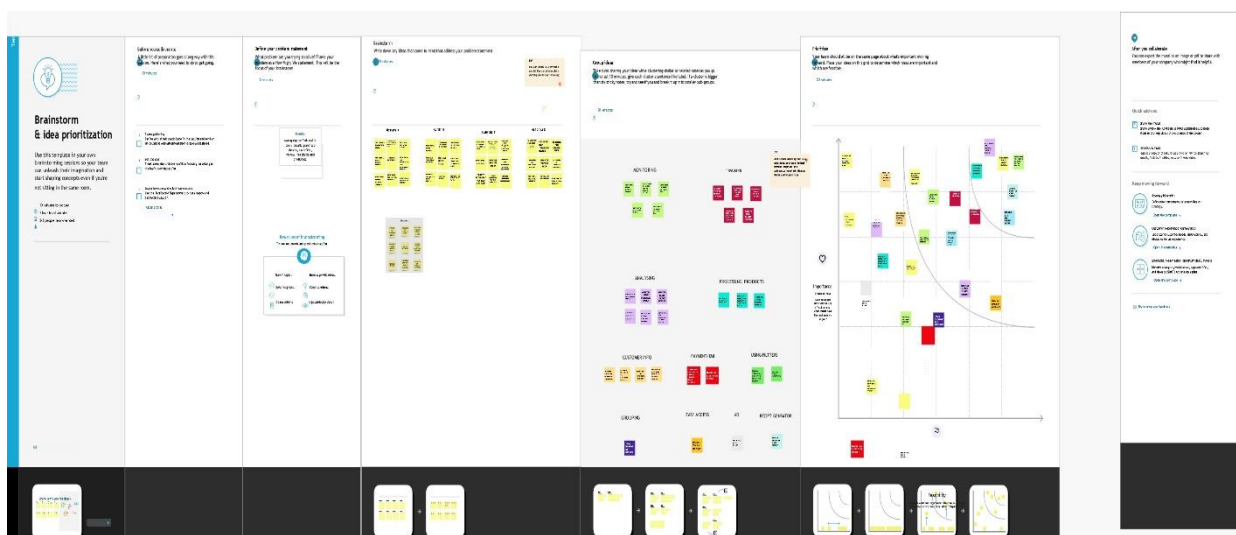


Empathy Map Canvas

3.2 Ideation & Brainstorming

Ideation fundamentally refers to the entire creative process of coming up with and sharing new ideas. Ideation is creative thought that usually aims to solve a problem or offer a better way to do something. It includes coming up with new ideas, developing current ideas, and determining how to put new ideas into effect.

Ideation and brainstorming, a particular method for producing fresh ideas, are frequently closely related activities. When brainstorming, a group of people are usually brought together to generate either new, broad ideas or suggestions for how to handle a particular situation or problem.



Ideation & Brainstorming

3.3 Proposed Solution

Making an application for retailers to maintain their inventory supplies and manage purchases, sales, stocks, etc. is the challenge that needs to be solved.

Solution description

The solution is to create an application that tracks and manages stock levels for their own product lines. The retailers create their accounts by verifying their information and entering their product stock/inventory. When finished, they can log into the application to view their supplies, sales, and change their stocks when restocking, among other things. They can identify which stocks are in high demand, and when those stocks are in danger of running out, they are alerted so they can restock them.

Uniqueness

Since we have information on stock sales, we can estimate which stocks will be the most popular so that shops may refill up on those items first. Regression analysis and historical sales data within our application can be used to retrieve the data. By containerizing using a Docker application, maintenance and development can also be made simpler.

Customer Satisfaction

Using the information from our application, we can buy and refill only the stocks that are needed, reducing excess stocks in the inventory that could result in product waste. We can also observe which goods are selling well and which are not doing as well as anticipated. We can request the necessary quantity of inventories from vendors and suppliers and initiate better arrangements with them as we will be aware of which products are required in large quantities.

Business Model (Revenue Model)

By analyzing the predicted products that have a higher likelihood of being purchased in large quantities and eliminating unnecessary redundant products that may be excess when not ordered in the right amount, retailers can order the fast-moving products and the appropriate number of stocks from suppliers and vendors.

Scalability of the Solution

Through virtualization, scalable cloud architecture is made possible. Unlike actual machines, which have processors, memory, and other physical hardware that determines their resources and performance. The virtual machines we utilize on the IBM Cloud are very scalable and adaptable. Users of Kubernetes can scale the containers in accordance with changing application requirements. Via command lines, changing the number is simple.

3.4 Problem Solution fit

| | | | | |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Define CS, fit into CC | 1. CUSTOMER SEGMENT(S) CS Who is your customer? i.e. working parents of 0-5 y.o. kids <ul style="list-style-type: none"> Anyone seeking for the product, regardless of age | 6. CUSTOMER CONSTRAINTS CC What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices. <ul style="list-style-type: none"> Product price Quality Product Delay in product delivery | 5. AVAILABLE SOLUTIONS AS Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital note-taking. <ul style="list-style-type: none"> If the quality does not meet their expectations, they may return. They can determine whether or not to buy the merchandise by viewing the delivery date. | Explore AS, differentiate |
| | 2. JOBS-TO-BE-DONE / PROBLEMS J&P Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one, explore different sides. <ul style="list-style-type: none"> Keeping up with new product developments. Buying the goods at a discount from the selling price. Forecasting the demand for the purchased product. Not having enough bandwidth to accommodate 'n' concurrent users on the site. | 9. PROBLEM ROOT CAUSE RC What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations. <ul style="list-style-type: none"> Cannot anticipate client needs in a timely manner. Having insufficient bandwidth to accommodate enough users on the site. Need data to have an accurate stock prediction. | 7. BEHAVIOUR BE What does your customer do to address the problem and get the job done? TR: Directly related: find the right solar panel installer, calculate usage and benefits; Indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace) <ul style="list-style-type: none"> Stocking up on estimated sales based on client feedback. Customer comments to enhance the application. Having enough bandwidth to accommodate users of on-demand services. | |
| Focus on J&P, tap into BE, understand RC | 3. TRIGGERS TR <ul style="list-style-type: none"> Due to excessive demand, customers are unable to use the application. Absence of application support. | 10. YOUR SOLUTION SL If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality. If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behavior. <ul style="list-style-type: none"> Using a cloud server to deploy the application, which tracks and controls real-time inventories. When the inventory is low and has to be restocked, it emails the retailers to let them know. Using a chatbot to direct and assist customers. | 8. CHANNELS of BEHAVIOUR CH 8.1 ONLINE What kind of actions do customers take online? Extract online channels from 7 8.2 OFFLINE What kind of actions do customers take offline? Extract offline channels from 7 and use them for customer development. ONLINE – Having access to all services and information. OFFLINE - Complete list of inquiries sent by SMS notification. | Focus on J&P, tap into BE, understand RC |
| | 4. EMOTIONS: BEFORE / AFTER EM BEFORE – Lack of stock knowledge and lack of trust. AFTER - Trustworthy, content, recommending others, knowledgeable about stocks, etc. | | | |
| Identify strong TR & EM | | | | Identify strong TR & EM |
| | | | | |

4. REQUIREMENT ANALYSIS

4.1 Functional requirement

Following are the functional requirements of the proposed solution.

| FR No. | Functional Requirement (Epic) | Sub Requirement (Story / Sub-Task) |
|--------|-------------------------------|------------------------------------------------------------------------------------------|
| FR-1 | User Registration | Registration through Form Registration through Gmail Registration through LinkedIn |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | Sign in | Sign in to the application by LinkedIn/Gmail, Username and Password. |
| FR-4 | Dashboard | Can view the product details and offers. |
| FR-5 | Booking | The required products are selected and booked. |
| FR-6 | Shipping | To track the delivery details of the selected product. |
| FR-7 | Restocking | Ordering more products when the stock is low. |

4.2 Non-Functional requirements

Following are the non-functional requirements of the proposed solution.

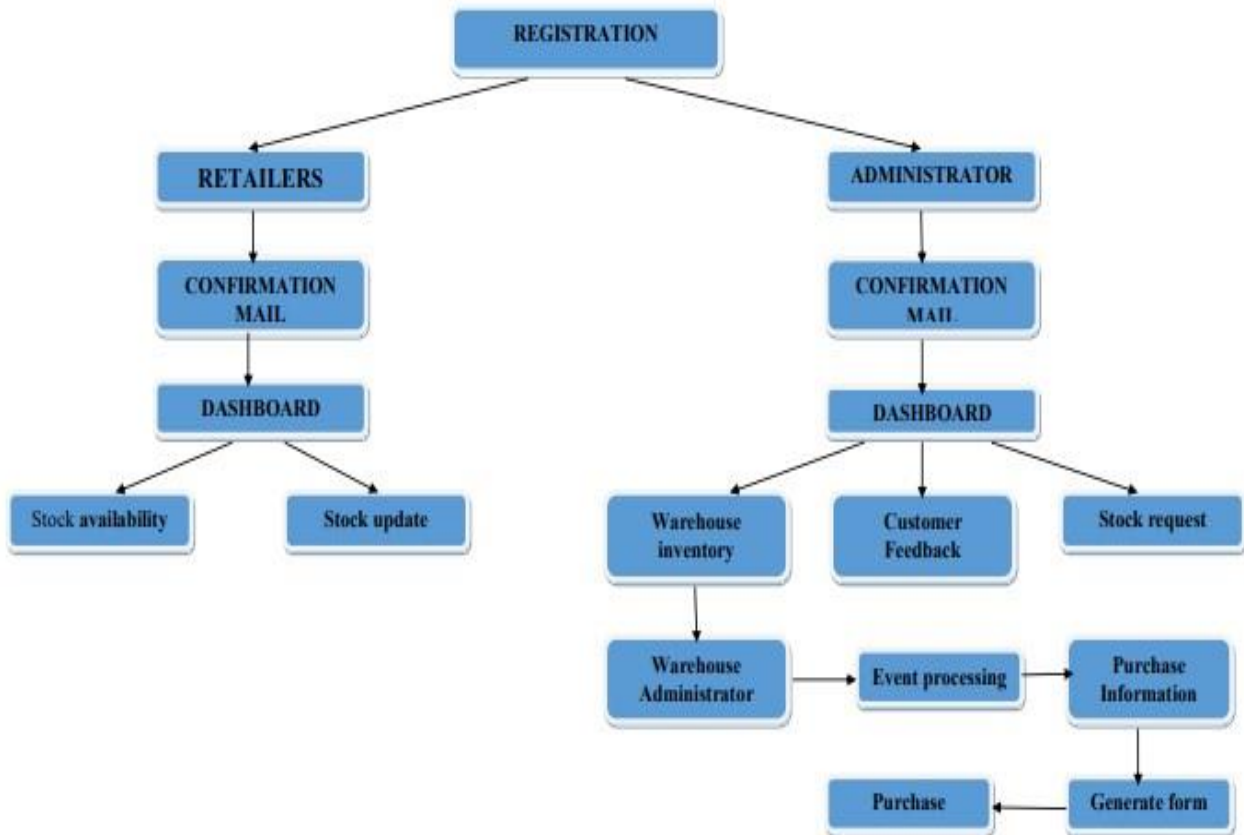
| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NFR-1 | Usability | <ul style="list-style-type: none">✓ Creating a learning curve into the site's design and development.✓ Having a user-friendly, straightforward website. Beautiful-looking website.✓ Making the website responsive for consumers on both desktops and mobile devices. |
| NFR-2 | Security | <ul style="list-style-type: none">✓ Strong security is necessary to prevent hackers from accessing the accounts or data of authorized users. To demonstrate authentication and authorization, log in systems is utilized.✓ Utilizing OTP can improve security.✓ Cookies-based security mechanism for user authentication and enhanced website user experience |
| NFR-3 | Reliability | <ul style="list-style-type: none">✓ When the website is active, it should be able to manage the necessary number of users without slowing or causing any inconvenience to the user.✓ While running the apps, there should be few mistakes.✓ It should be accessible even during disasters. |
| NFR-4 | Performance | <ul style="list-style-type: none">✓ This has the advantage of cutting down the time needed for aisle and product searches, among other conveniences.✓ It decreases expenses, saves time during restocking, and forecasts the top-selling goods.✓ Due to the business's streamlined management system, it is more productive✓ and profitable. |

| | | |
|-------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NFR-5 | Availability | <ul style="list-style-type: none"> ✓ To provide high availability of database servers and performances, this employs IBM ✓ DB2. |
| NFR-6 | Scalability | <ul style="list-style-type: none"> ✓ Due to DB2's excellent scalability, coding can be created and developed quickly, and new features can be added without much difficulty. ✓ High-scalability IBM Container is utilised in the Docker registry. ✓ Any new functionality can be added by reusing the code. |

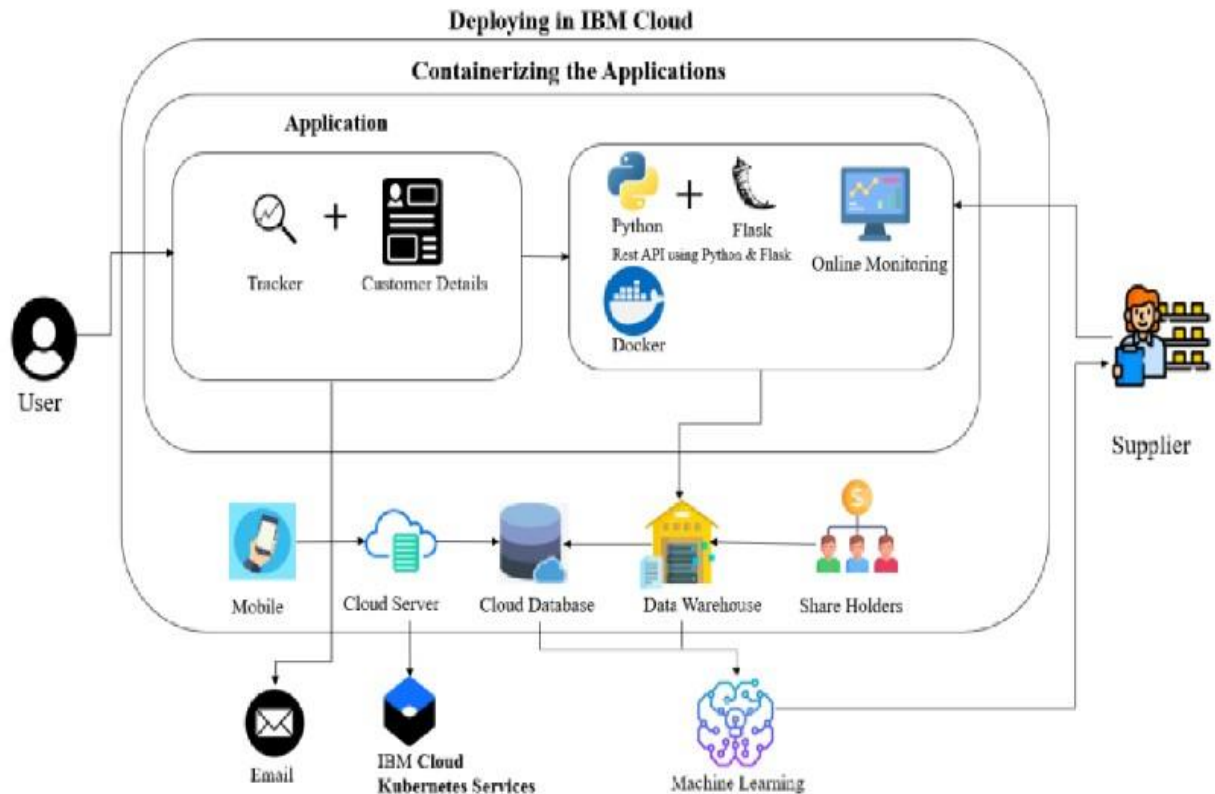
5. PROJECT DESIGN

5.1 Data Flow Diagrams

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



5.2 Solution & Technical Architecture



5.3 User Stories

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|------------------------|-------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------|----------|
| Customer (Mobile user) | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
| | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | I can receive confirmation email & click confirm | High | Sprint-1 |

| | | | | | | |
|-------------------------|---------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------|----------|
| | | USN-3 | As a user, I can register for the application through Facebook | I can register & access the dashboard with Facebook Login | Low | Sprint-2 |
| | | USN-4 | As a user, I can register for the application through Gmail | I can register & access the dashboard by using my Gmail. | Medium | Sprint-3 |
| | Login | USN-5 | As a user, I can log into the application by entering email & password | I can login with registered email and password. | High | Sprint-4 |
| | Dashboard | USN-6 | As a user, I have access to both the currently available products and the out-of-stock products. | Once logged in, you may view the inventory. | High | Sprint-4 |
| | Restocking Product | USN-7 | As a user, I can refill the products and add items that aren't already in the inventory. | Retailers have the option to refill and update their inventory when the products are not available. | Medium | Sprint-5 |
| Customer Care Executive | Request for customer care | USN-8 | As a user, I have access to the customer service administrators and can ask questions about my concerns. | Users can get assistance and support from executives by contacting customer care. | Medium | Sprint-3 |
| Administrator | Collecting Feedback | USN-9 | As a user, I have the ability to give feedback forms outlining any suggestions for enhancing or correcting any problems that I have. | Users can provide administrators with input on problems or enhancements. | Medium | Sprint-5 |

6. PROJECT PLANNING & SCHEDULING

6.1 Sprint Delivery Schedule

Product Backlog, Sprint Schedule, and Estimation

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Point | Priority | Team Members |
|----------|-------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------|-------------|----------|---------------------------------------------------------|
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by using my email & password and confirming my login credentials. | 3 | High | Aarthi N, Abinaya K, Babysha P, Haripriya G, Dhaarani L |
| Sprint-1 | | USN-2 | As a user, I can login through my E-mail. | 3 | Medium | Aarthi N, Abinaya K, Babysha P, Haripriya G, Dhaarani L |
| Sprint-1 | Confirmation | USN-3 | As a user, I can receive my confirmation email once I have registered for the application. | 2 | High | Aarthi N, Abinaya K, Babysha P, Haripriya G, Dhaarani L |
| Sprint-1 | Login | USN-4 | As a user, I can log in to the authorized account by entering the registered email and password. | 3 | Medium | Aarthi N, Abinaya K, Babysha P, Haripriya G, Dhaarani L |
| Sprint-2 | Dashboard | USN-5 | As a user, I can view the products that are available currently. | 4 | High | Aarthi N, Abinaya K, Babysha P, Haripriya G, Dhaarani L |
| Sprint-2 | Stocks update | USN-6 | As a user, I can add products which are not available in the inventory and restock the products. | 3 | Medium | Aarthi N, Abinaya K, Babysha P, Haripriya G, Dhaarani L |

| | | | | | | |
|----------|---------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------|---|--------|---------------------------------------------------------|
| Sprint-3 | Sales prediction | USN-7 | As a user, I can get access to sales prediction tool which can help me to predict better restock management of product. | 6 | Medium | Aarthi N, Abinaya K, Babysha P, Haripriya G, Dhaarani L |
| Sprint-4 | Request for customer care | USN-8 | As a user, I am able to request customer care to get in touch with the administrators and enquire the doubts and problems. | 4 | Medium | Aarthi N, Abinaya K, Babysha P, Haripriya G, Dhaarani L |
| Sprint-4 | Giving feedback | USN-9 | As a user, I am able to send feedback forms reporting any ideas for improving or resolving any issues I am facing to get it resolved. | 3 | Medium | Aarthi N, Abinaya K, Babysha P, Haripriya G, Dhaarani L |

6.2 Reports from JIRA

Project Tracker, Velocity:

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|-------------------------------------------------|------------------------------|
| Sprint-1 | 11 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 11 | 29 Oct 2022 |
| Sprint-2 | 7 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 7 | 05 Nov 2022 |
| Sprint-3 | 6 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 6 | 12 Nov 2022 |
| Sprint-4 | 7 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 7 | 19 Nov 2022 |

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Our velocity should be:

$$AV = \frac{11+7+6+7}{24} = \frac{31}{24} = 1.29$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



7. CODING & SOLUTION

7.1 Feature 1

1. Purchase Order System

Purchase orders in the system and send them directly from system to vendors.

2. Customer Reporting

Customer can report their problems.

3. Efficiency Manage Inventory

Manage the Inventory & Expire Date is simple. Effective control and reduces losses due to waste.

4. Backorders

Backorders for unreceived orders or partial unreceived orders.

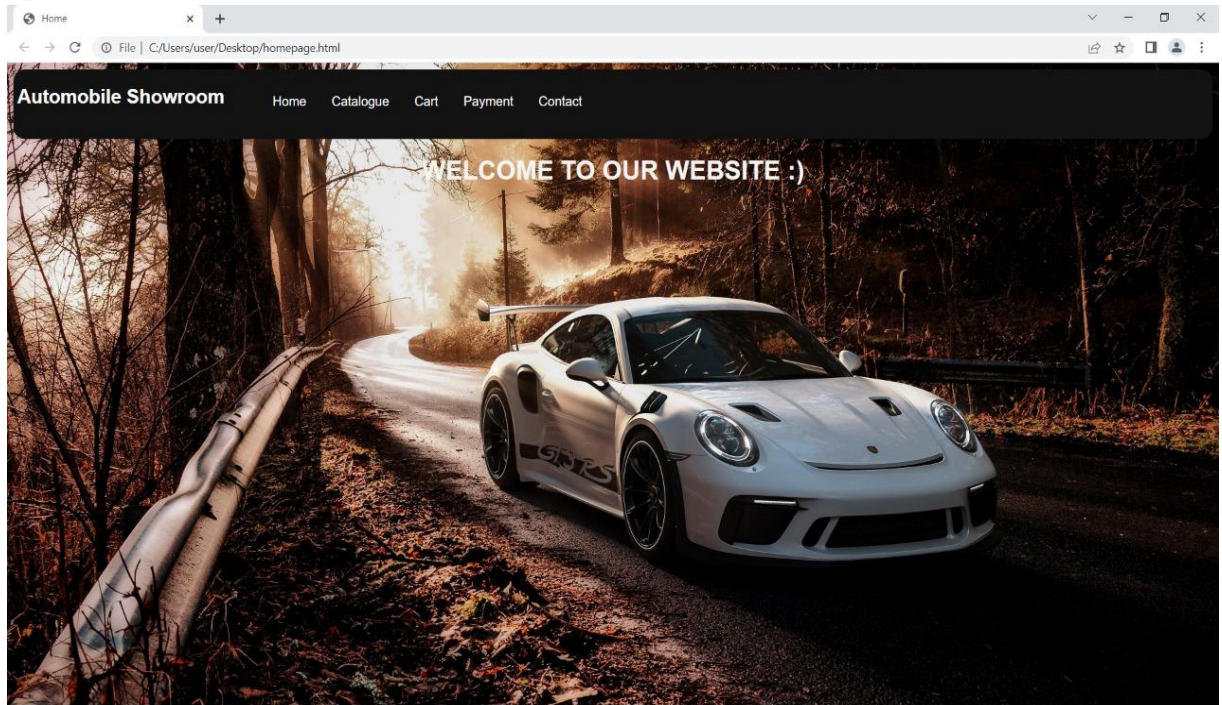
5. Invoice

Generate invoices for orders that can be emailed.

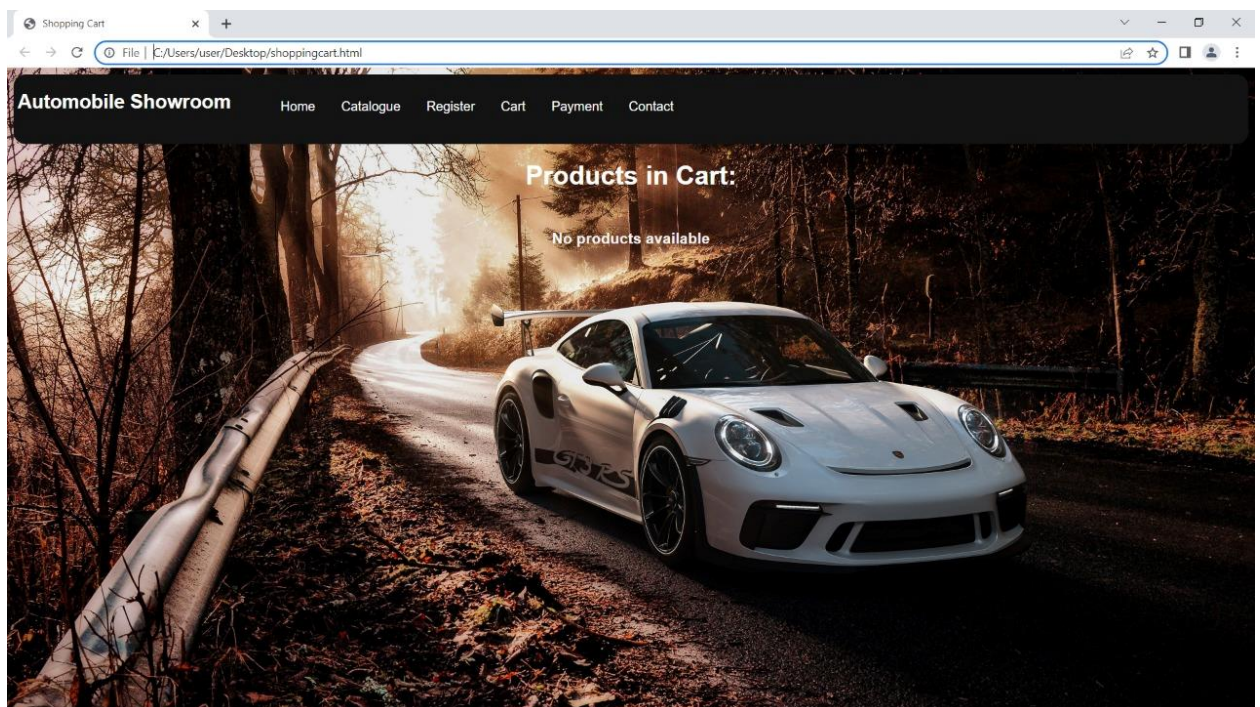
8. TESTING

8.1 Test Cases

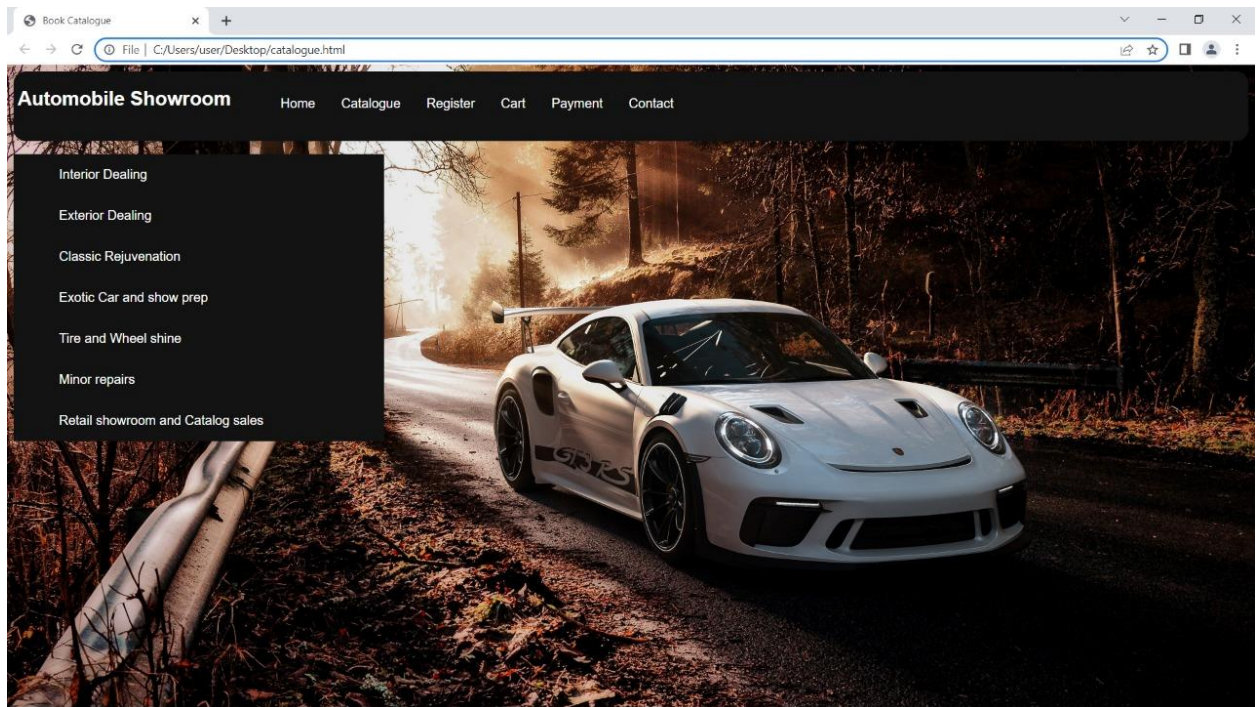
Sprint 1



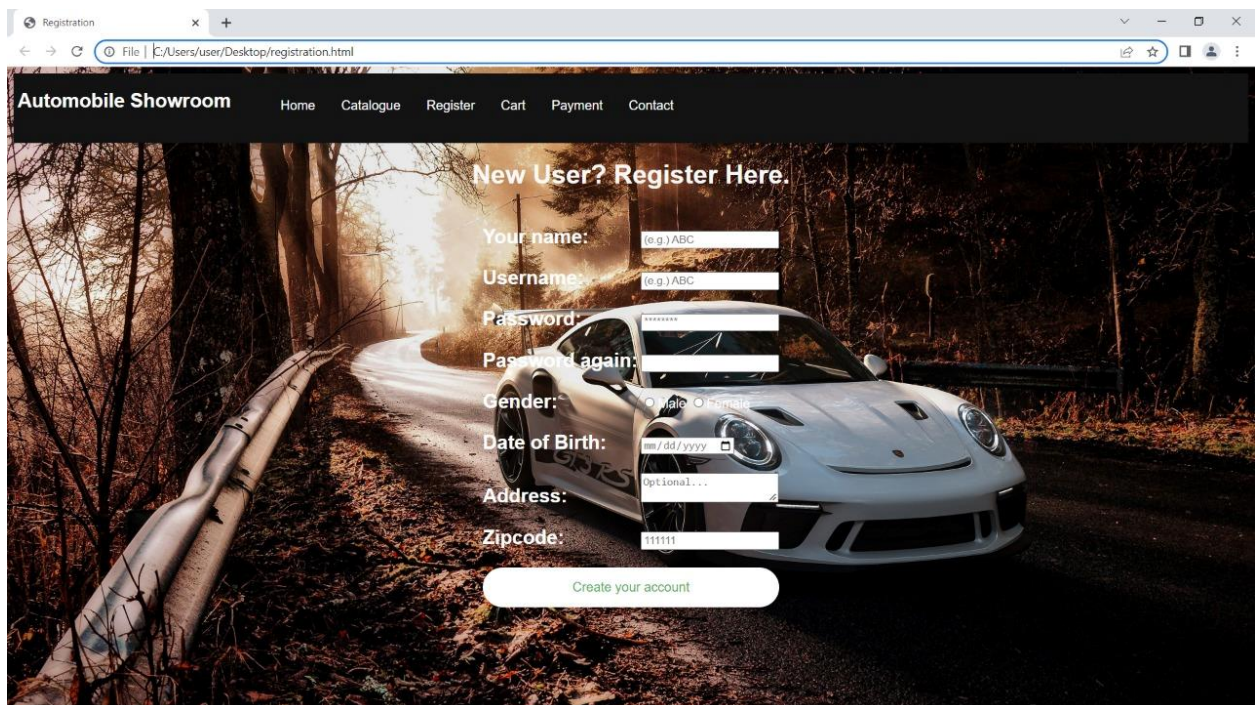
Home Page



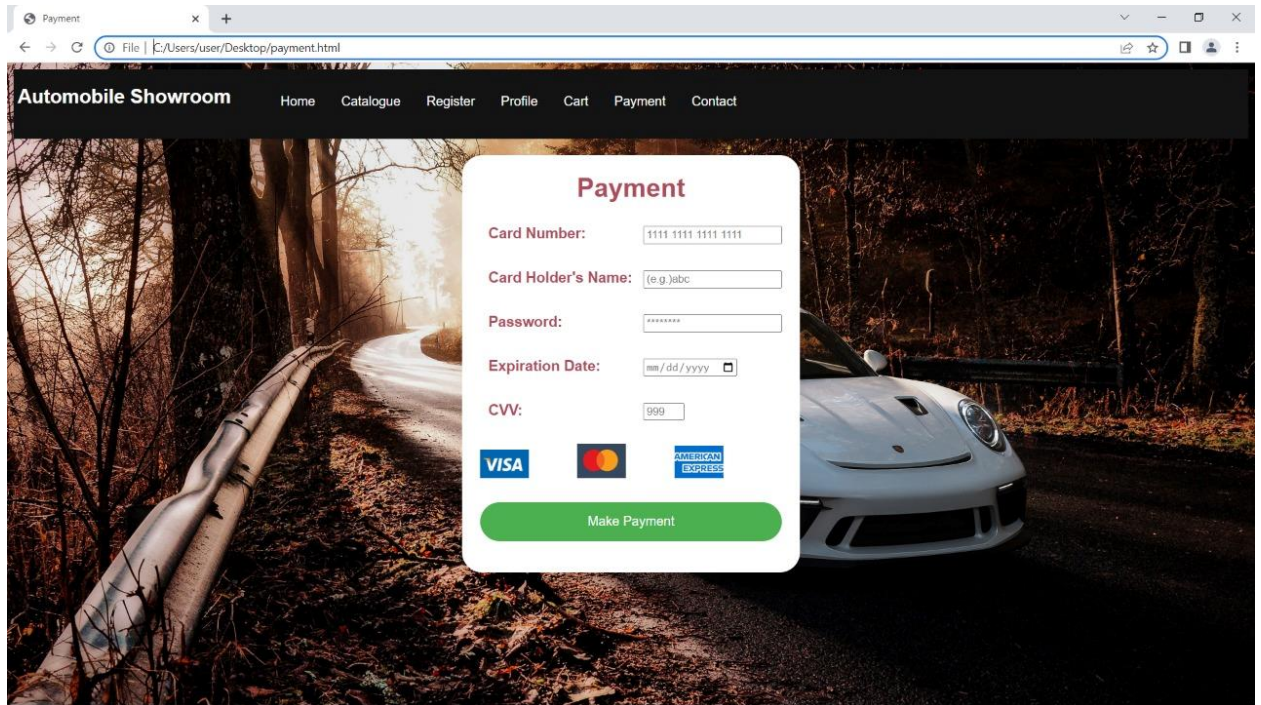
Card Page



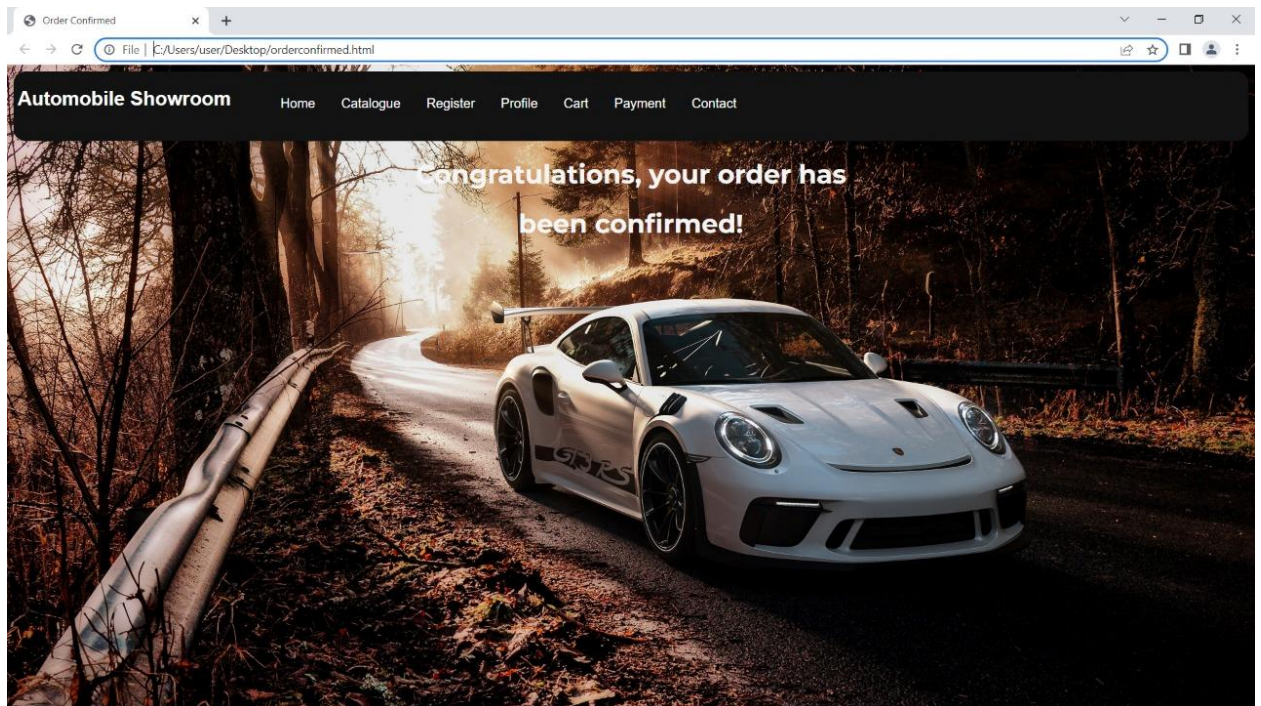
Catalog Page



Registration Page

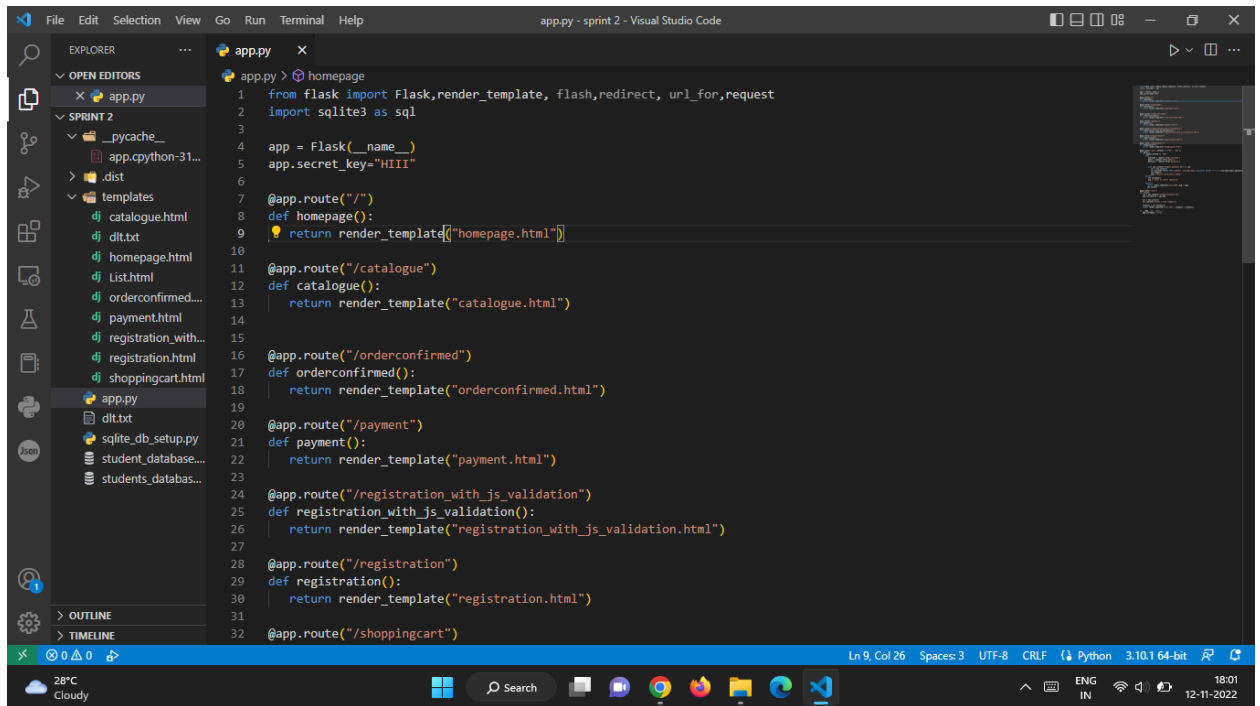


Payment Page



Oder Confirmation Page

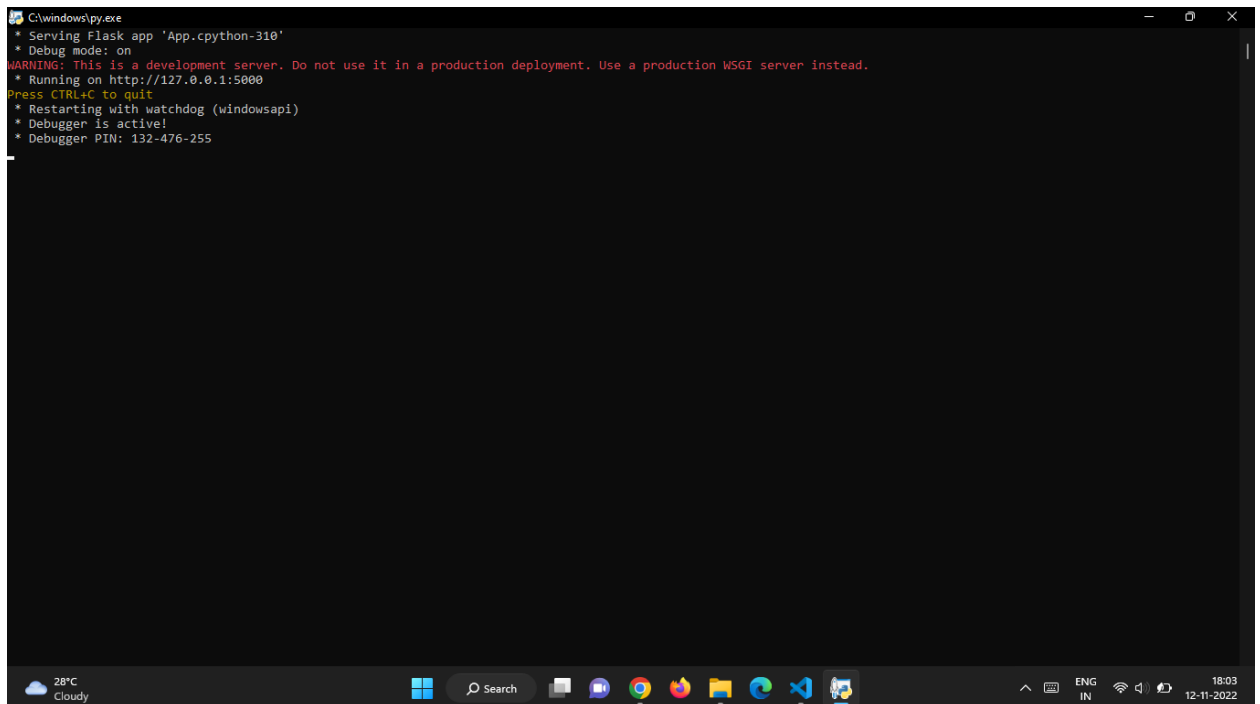
Sprint-2



The screenshot shows the Visual Studio Code editor with the file explorer on the left. The file explorer shows a project structure with a folder named 'SPRINT2' containing several HTML files and a Python file named 'app.py'. The 'app.py' file is open in the editor, showing the following code:

```
1 from flask import Flask, render_template, flash, redirect, url_for, request
2 import sqlite3 as sql
3
4 app = Flask(__name__)
5 app.secret_key="HIII"
6
7 @app.route("/")
8 def homepage():
9     return render_template("homepage.html")
10
11 @app.route("/catalogue")
12 def catalogue():
13     return render_template("catalogue.html")
14
15 @app.route("/orderconfirmed")
16 def orderconfirmed():
17     return render_template("orderconfirmed.html")
18
19 @app.route("/payment")
20 def payment():
21     return render_template("payment.html")
22
23 @app.route("/registration_with_js_validation")
24 def registration_with_js_validation():
25     return render_template("registration_with_js_validation.html")
26
27 @app.route("/registration")
28 def registration():
29     return render_template("registration.html")
30
31 @app.route("/shoppingcart")
```

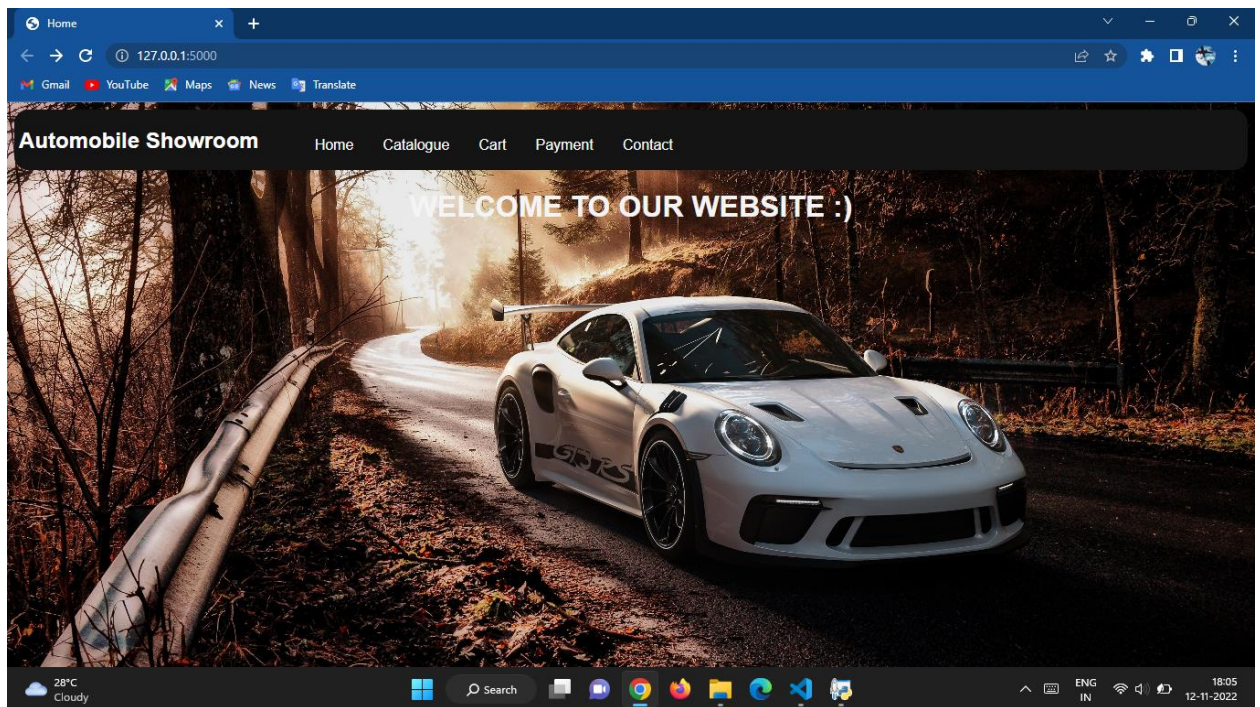
Coding



The screenshot shows a terminal window with the following output:

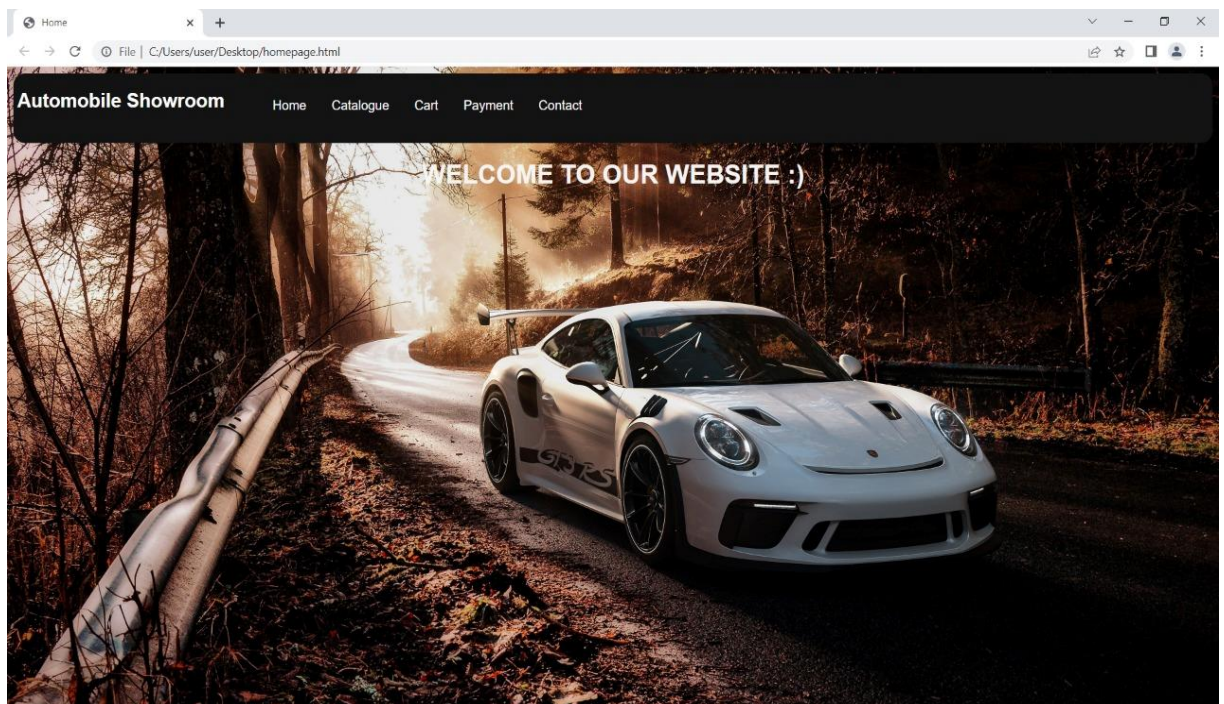
```
C:\windows\py.exe
* Serving Flask app 'App.cpython-310'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with watchdog (windowsapi)
* Debugger is active!
* Debugger PIN: 132-476-255
```

Terminal

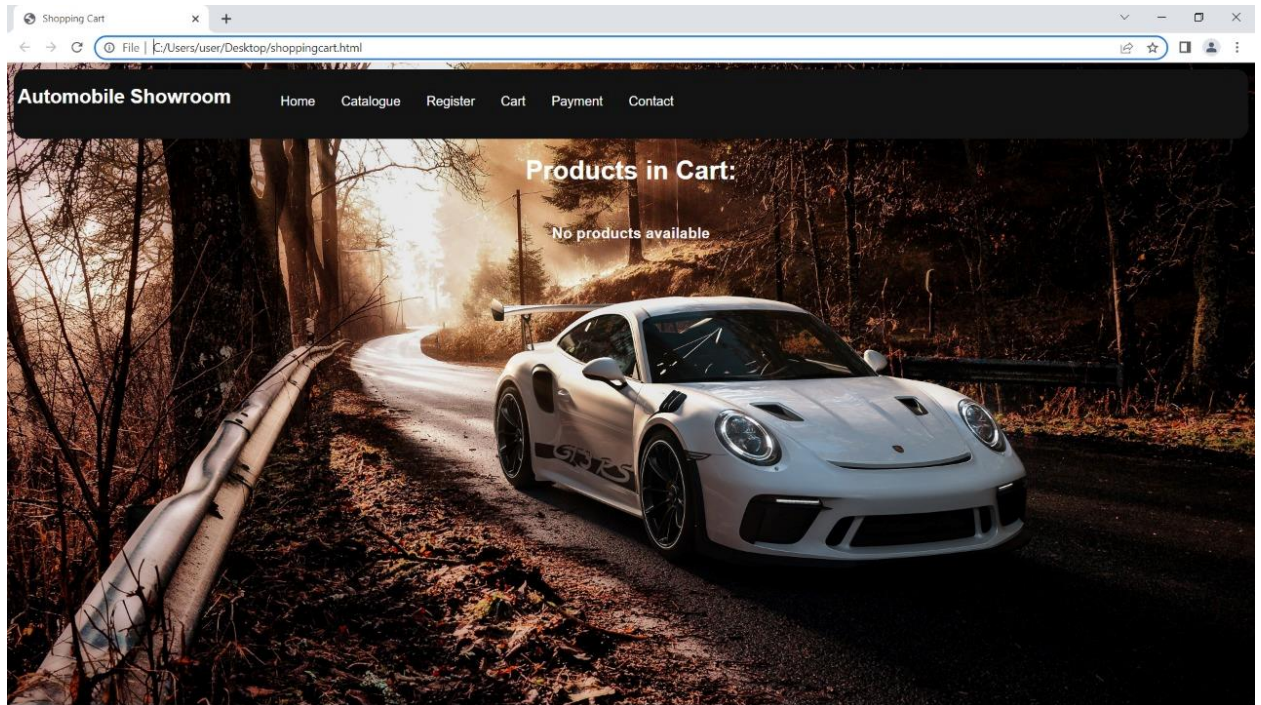


Redirected Page

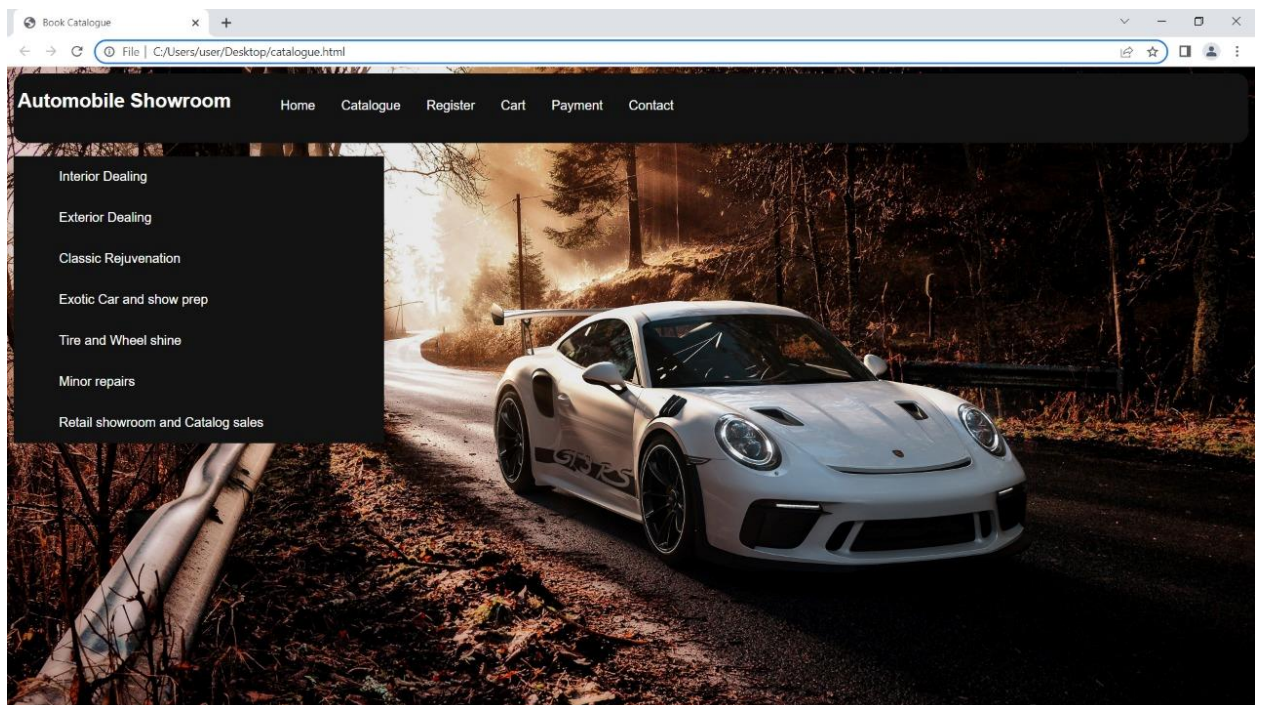
Sprint-3



Home Page using Flask



Card Page using Flask



Catalog Page using Flask

Registration

File | C:/Users/user/Desktop/registration.html

Automobile Showroom Home Catalogue Register Cart Payment Contact

New User? Register Here.

Your name:

Username:

Password:

Password again:

Gender: ☐ Male ☐ Female

Date of Birth:

Address:

Zipcode:

[Create your account](#)

Registration Page using Flask

Payment

File | C:/Users/user/Desktop/payment.html

Automobile Showroom Home Catalogue Register Profile Cart Payment Contact

Payment




Card Number:

Card Holder's Name:

Password:

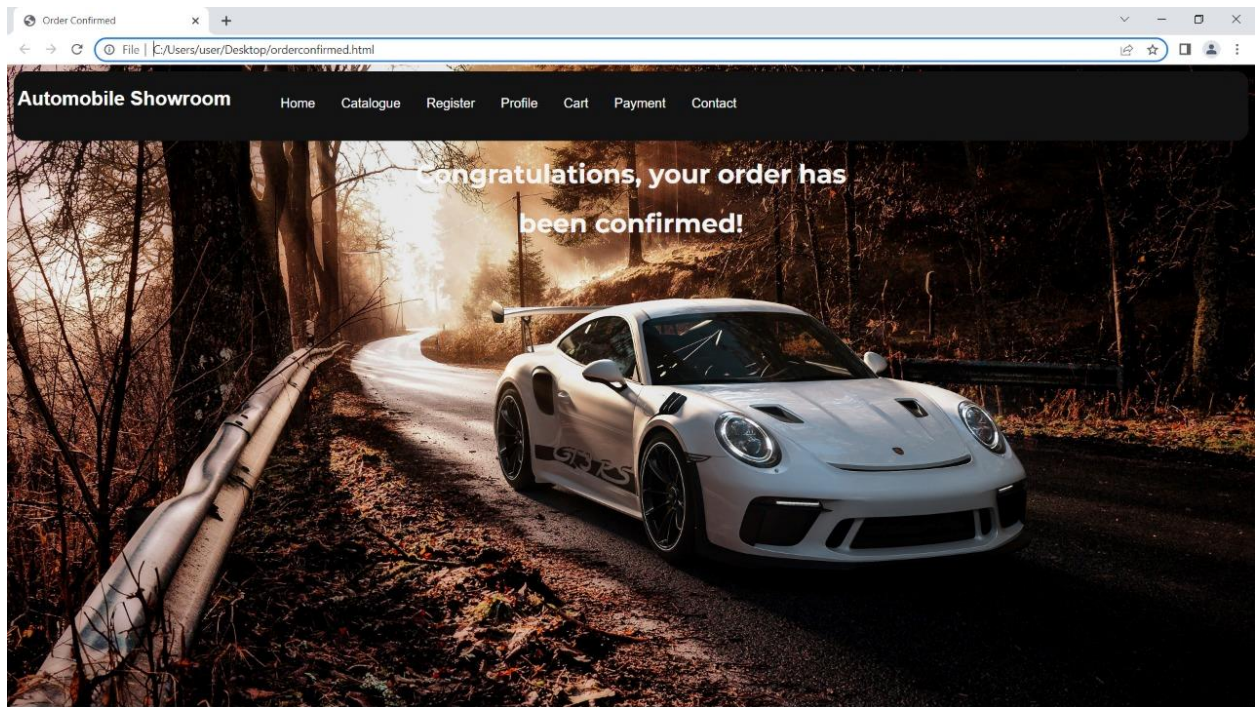
Expiration Date:

CVV:

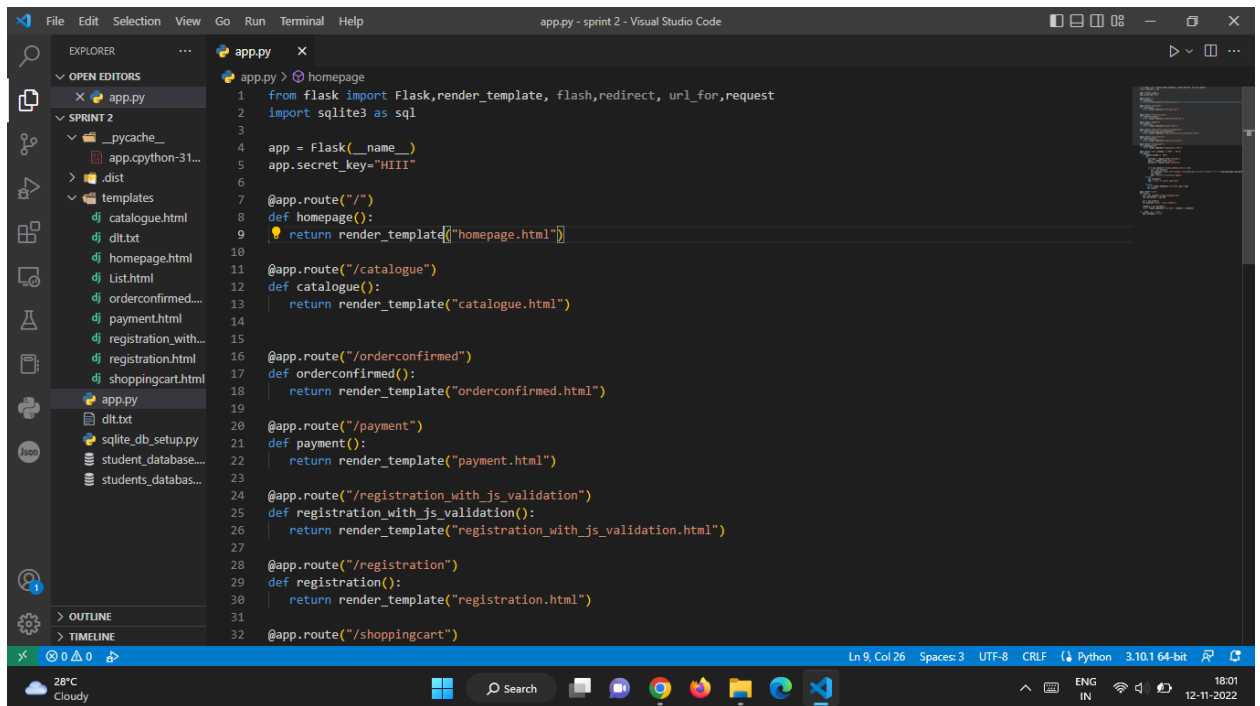
  

[Make Payment](#)

Payment Page using Flask



Oder Confirmation Page using Flask

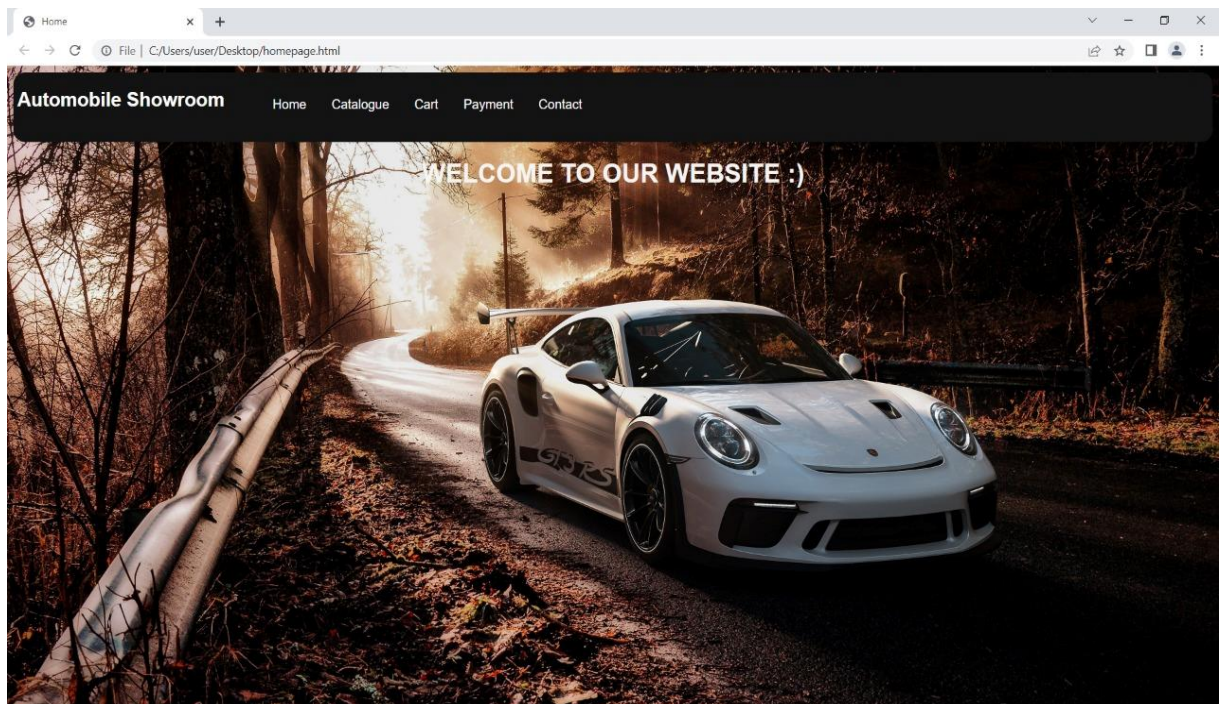


Coding

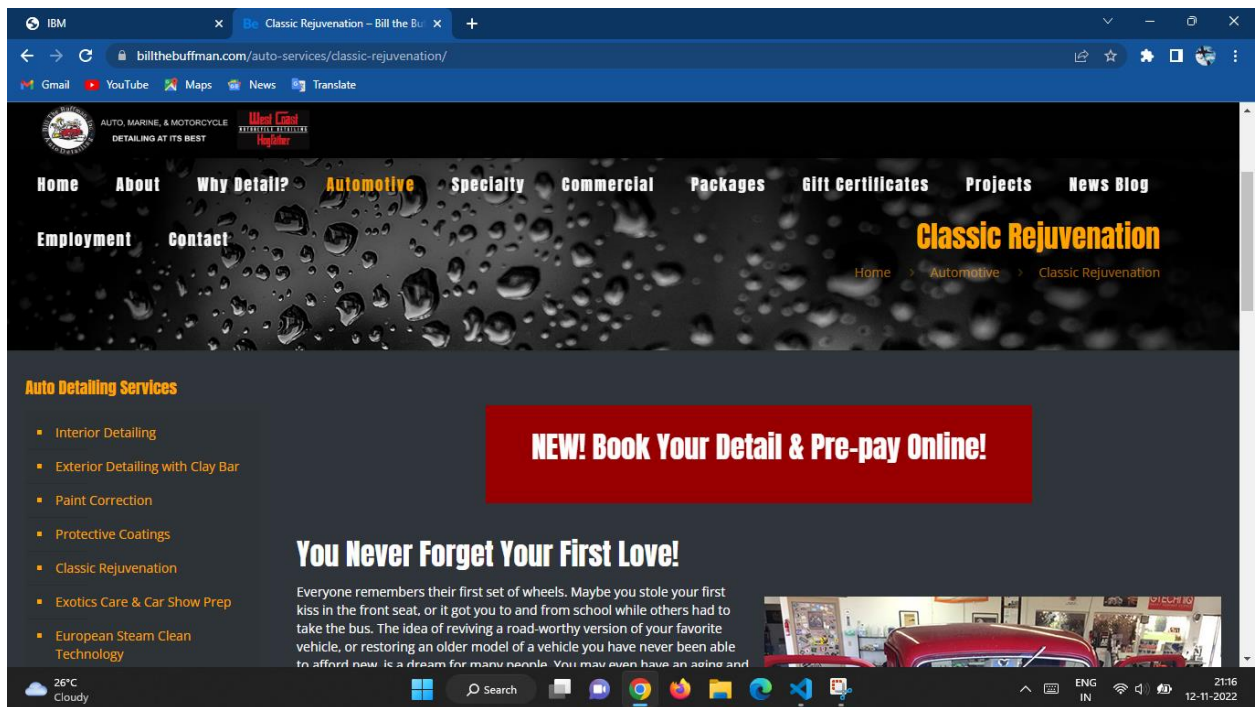

```
C:\windows\py.exe
* Serving Flask app 'App.cpython-310'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with watchdog (windowsapi)
* Debugger is active!
* Debugger PIN: 132-476-255
```

Terminal

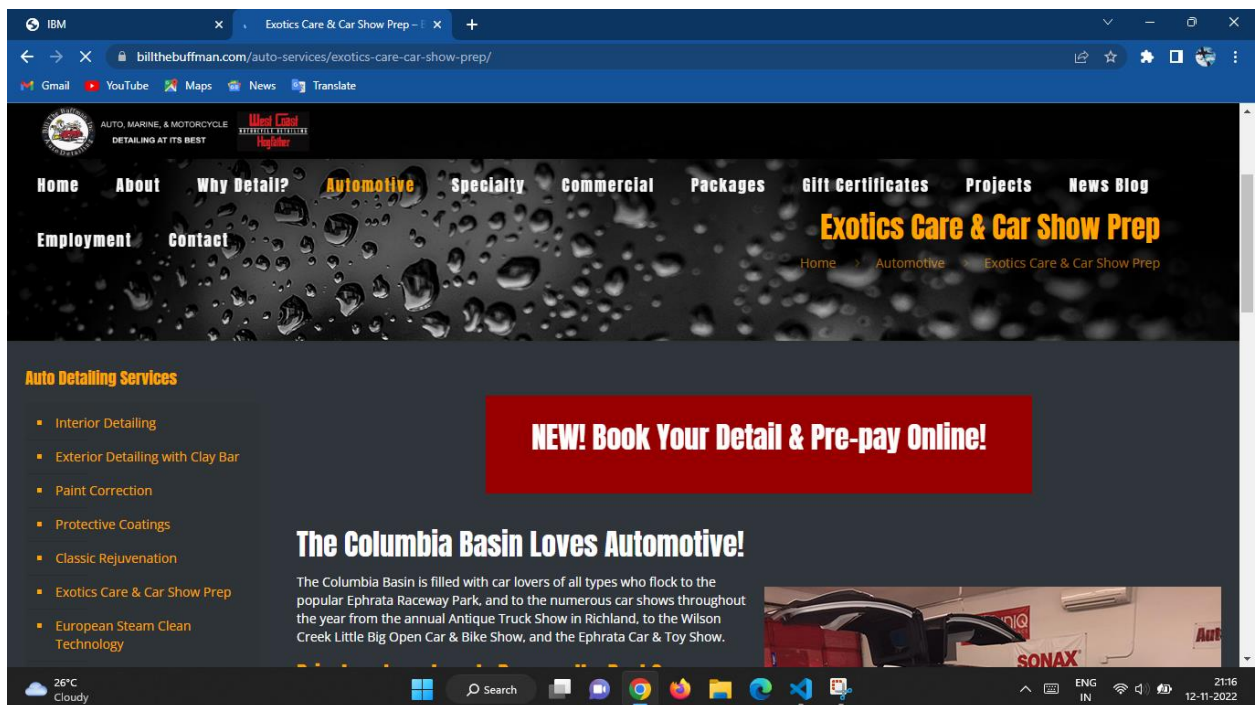
Sprint-4



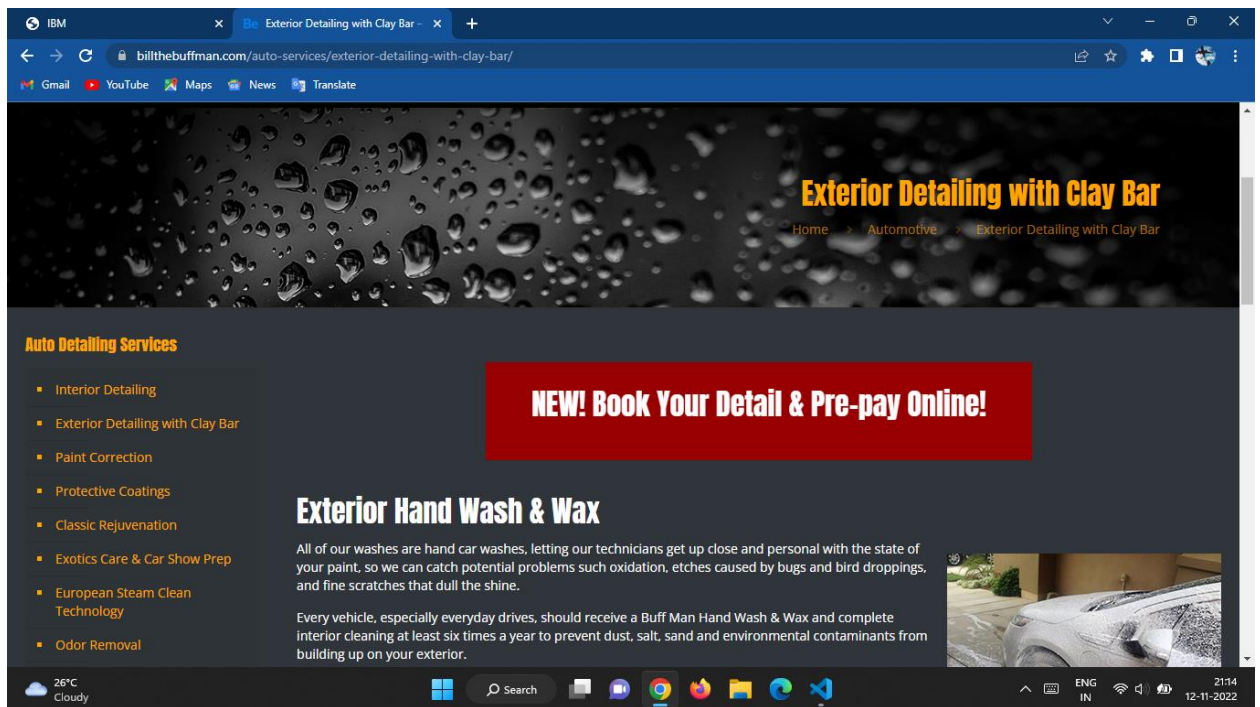
Home Page using Flask



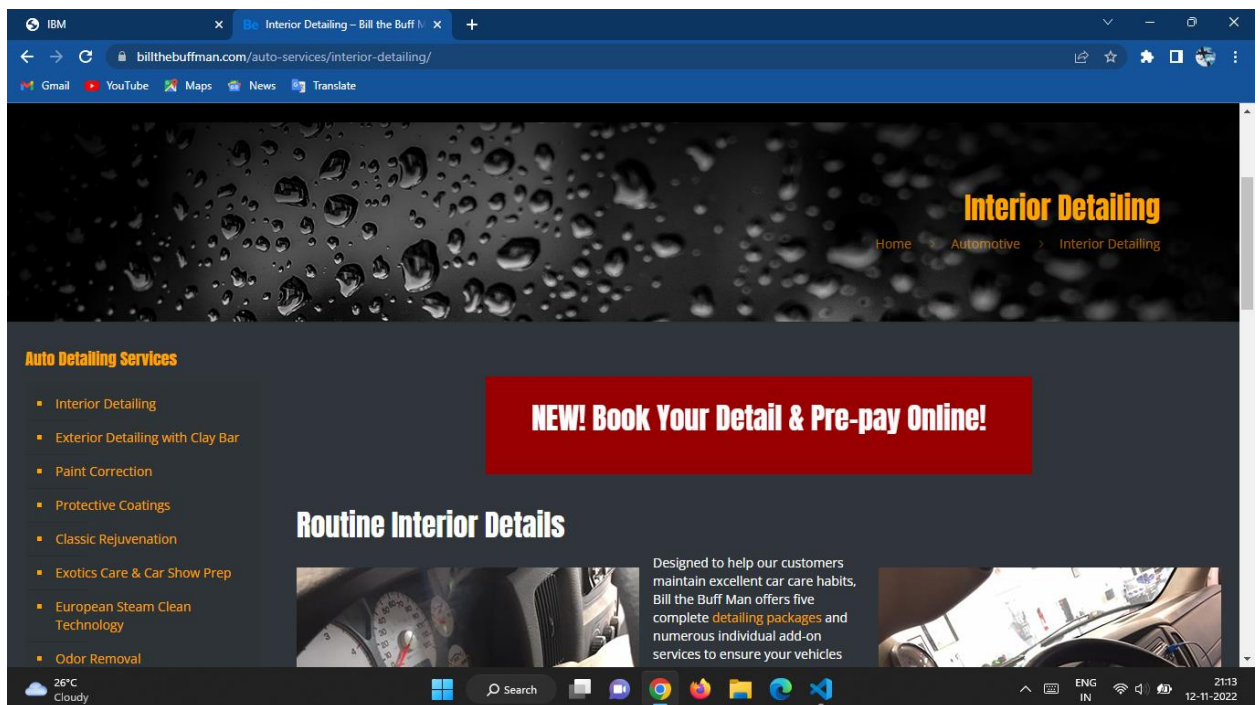
Classic Rejuvenation page



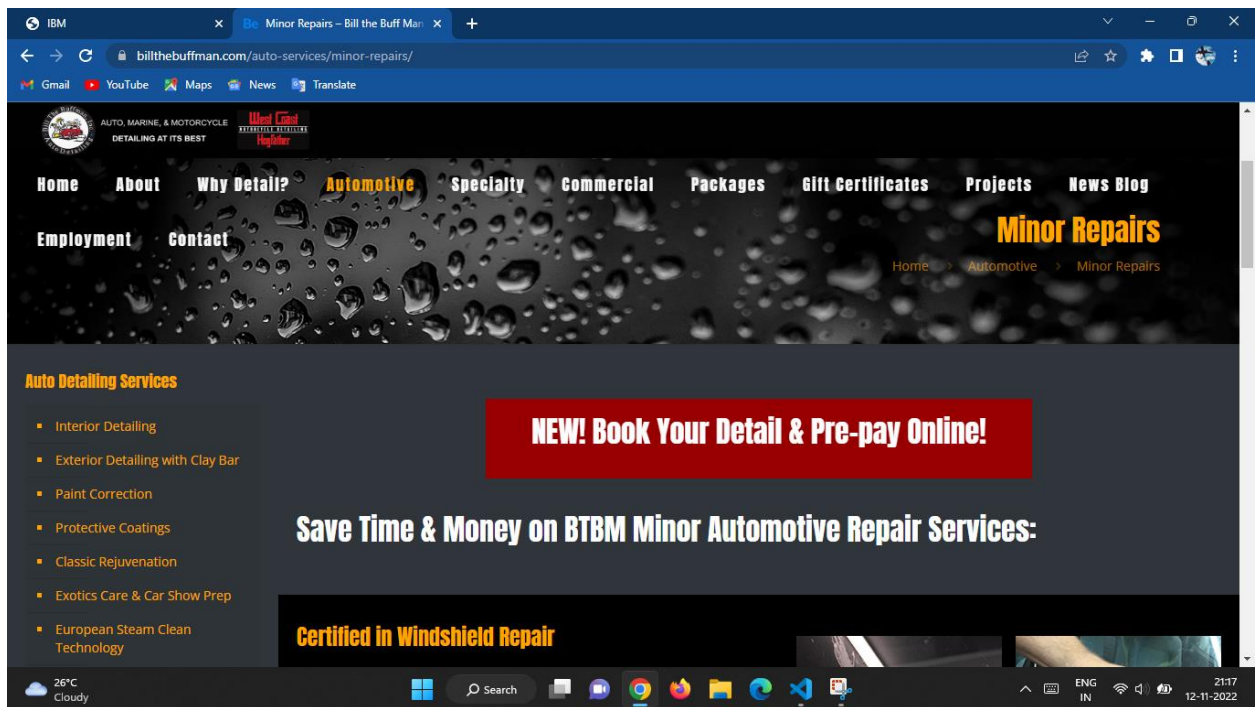
Exotic Car and show prep page



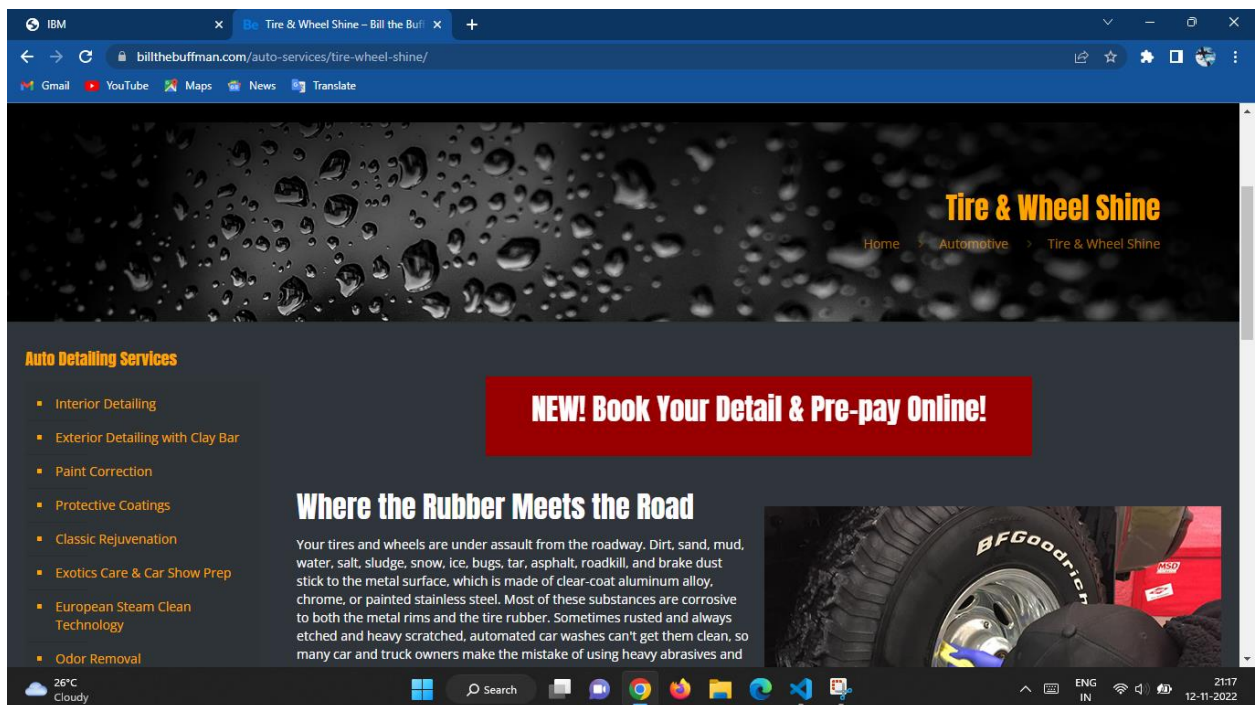
Exterior Detailing with clay bar page



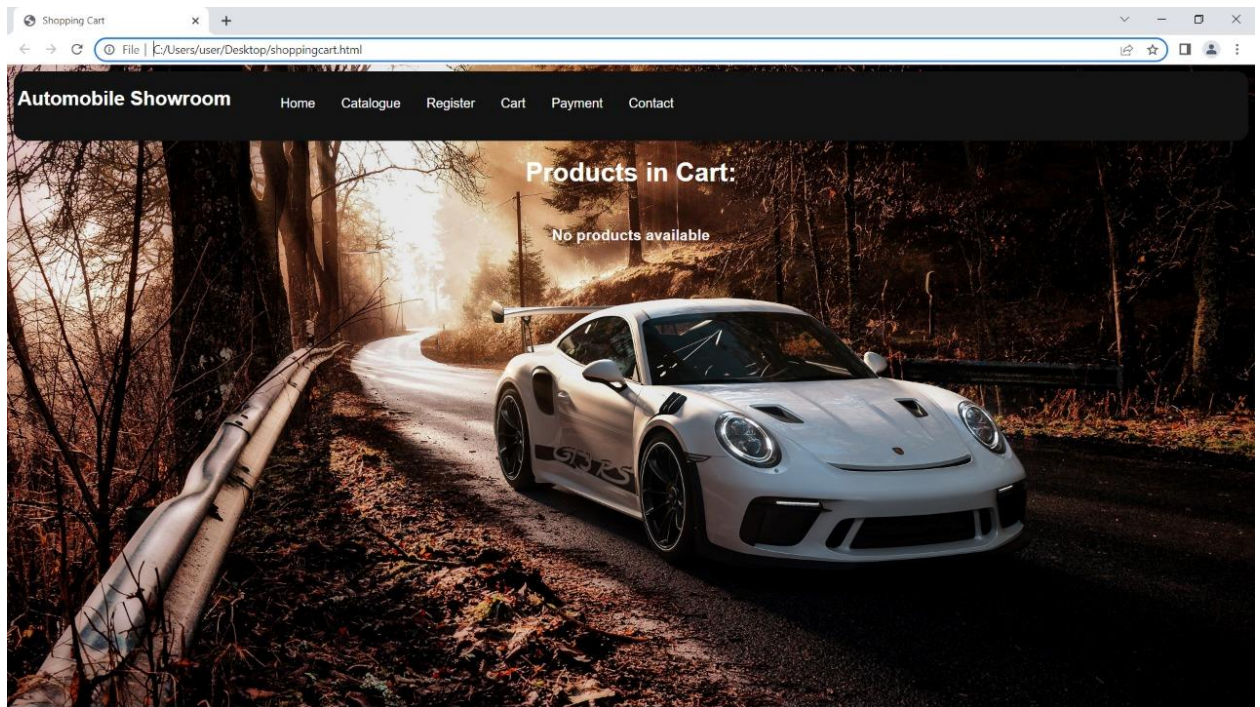
Interior Detailing page



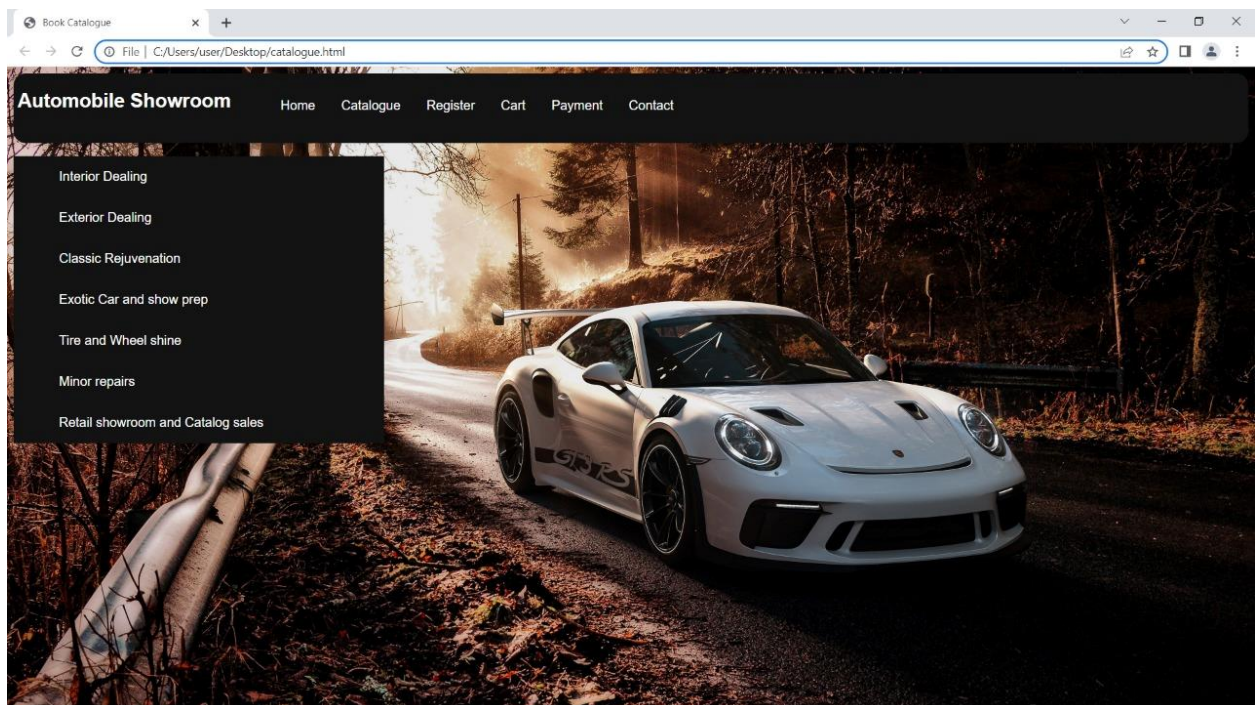
Minor Repairs page



Tire and Wheel shine page



Card Page using Flask



Catalog Page using Flask

Registration

File | C:/Users/user/Desktop/registration.html

Automobile Showroom Home Catalogue Register Cart Payment Contact

New User? Register Here.

Your name:

Username:

Password:

Password again:

Gender: ☐ Male ☐ Female

Date of Birth:

Address:

Zipcode:

[Create your account](#)

Registration Page using Flask

Payment

File | C:/Users/user/Desktop/payment.html

Automobile Showroom Home Catalogue Register Profile Cart Payment Contact

Payment




Card Number:

Card Holder's Name:

Password:

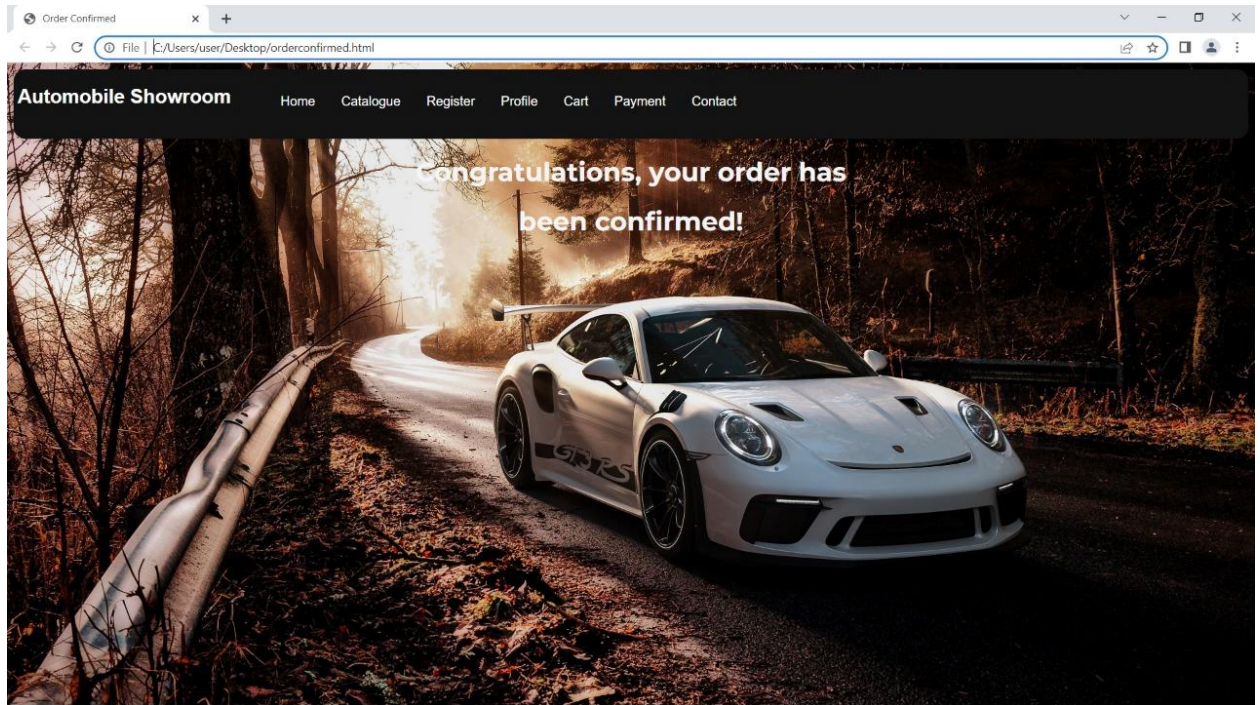
Expiration Date:

CVV:

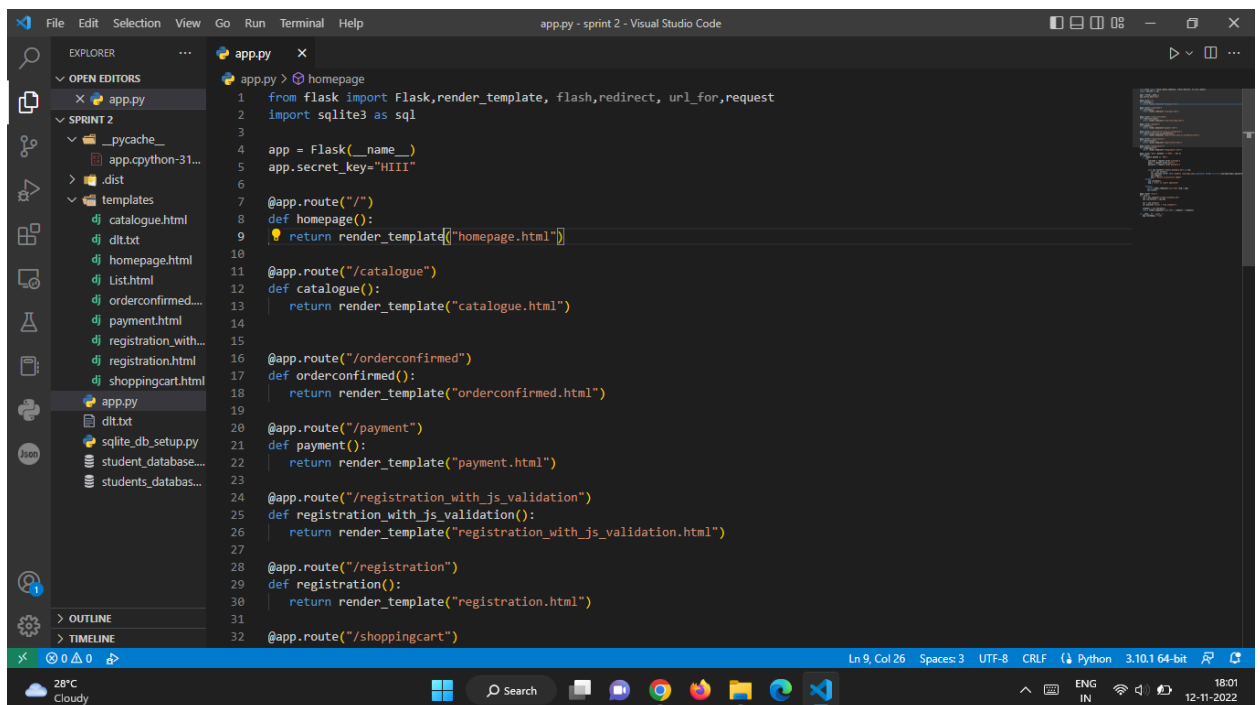
  

[Make Payment](#)

Payment Page using Flask



Oder Confirmation Page using Flask

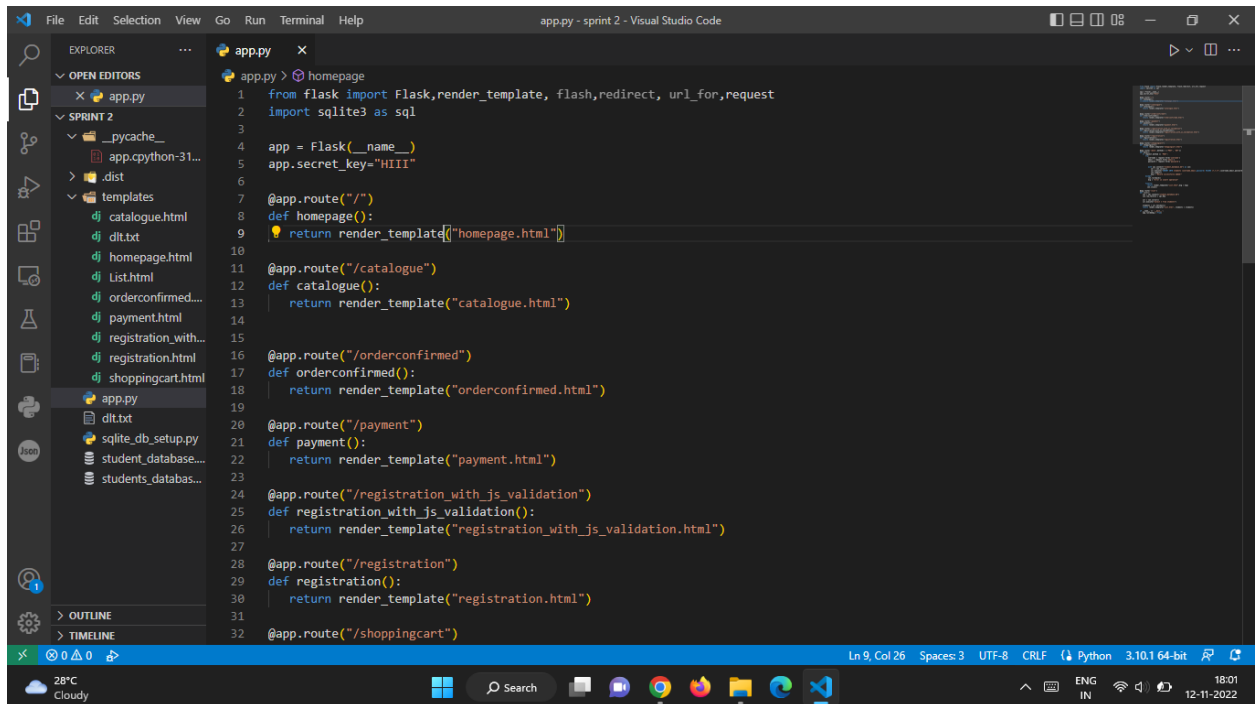


Coding

```
C:\windows\py.exe
* Serving Flask app 'App.cpython-310'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with watchdog (windowsapi)
* Debugger is active!
* Debugger PIN: 132-476-255
```

Terminal

8.2 User Acceptance Testing

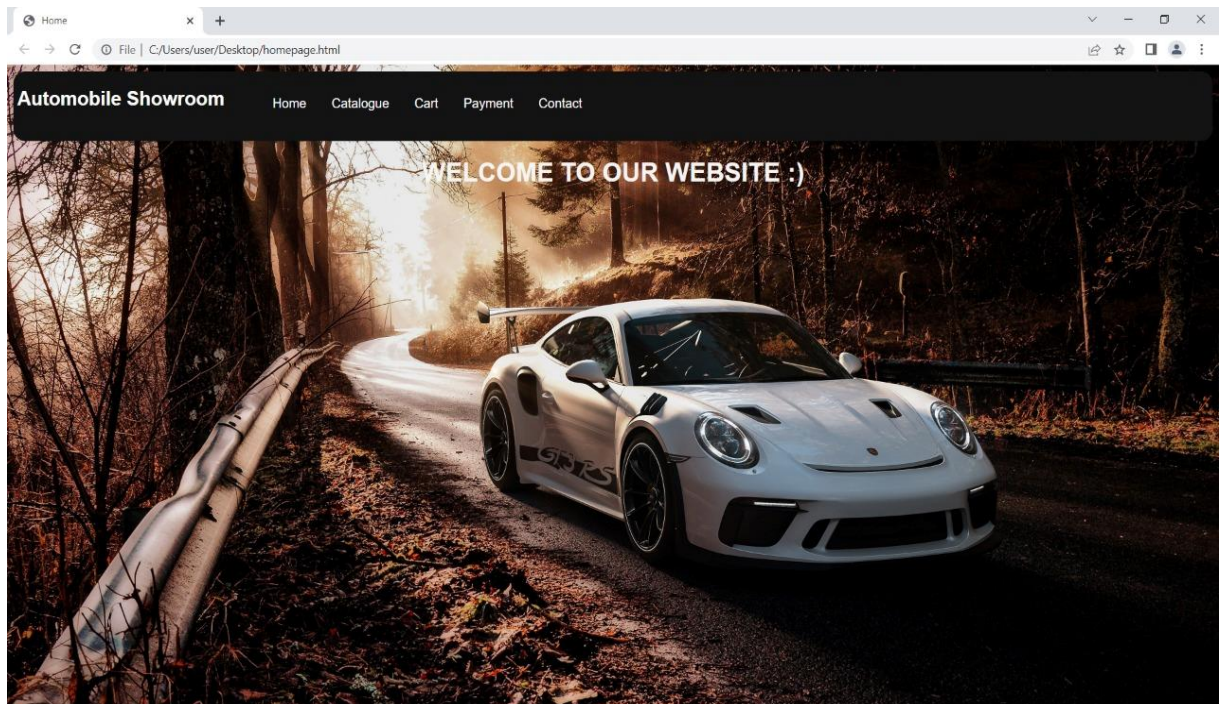


```
app.py
1 from flask import Flask, render_template, flash, redirect, url_for, request
2 import sqlite3 as sql
3
4 app = Flask(__name__)
5 app.secret_key="HIII"
6
7 @app.route("/")
8 def homepage():
9     return render_template("homepage.html")
10
11 @app.route("/catalogue")
12 def catalogue():
13     return render_template("catalogue.html")
14
15 @app.route("/orderconfirmed")
16 def orderconfirmed():
17     return render_template("orderconfirmed.html")
18
19 @app.route("/payment")
20 def payment():
21     return render_template("payment.html")
22
23 @app.route("/registration_with_js_validation")
24 def registration_with_js_validation():
25     return render_template("registration_with_js_validation.html")
26
27 @app.route("/registration")
28 def registration():
29     return render_template("registration.html")
30
31 @app.route("/shoppingcart")
```

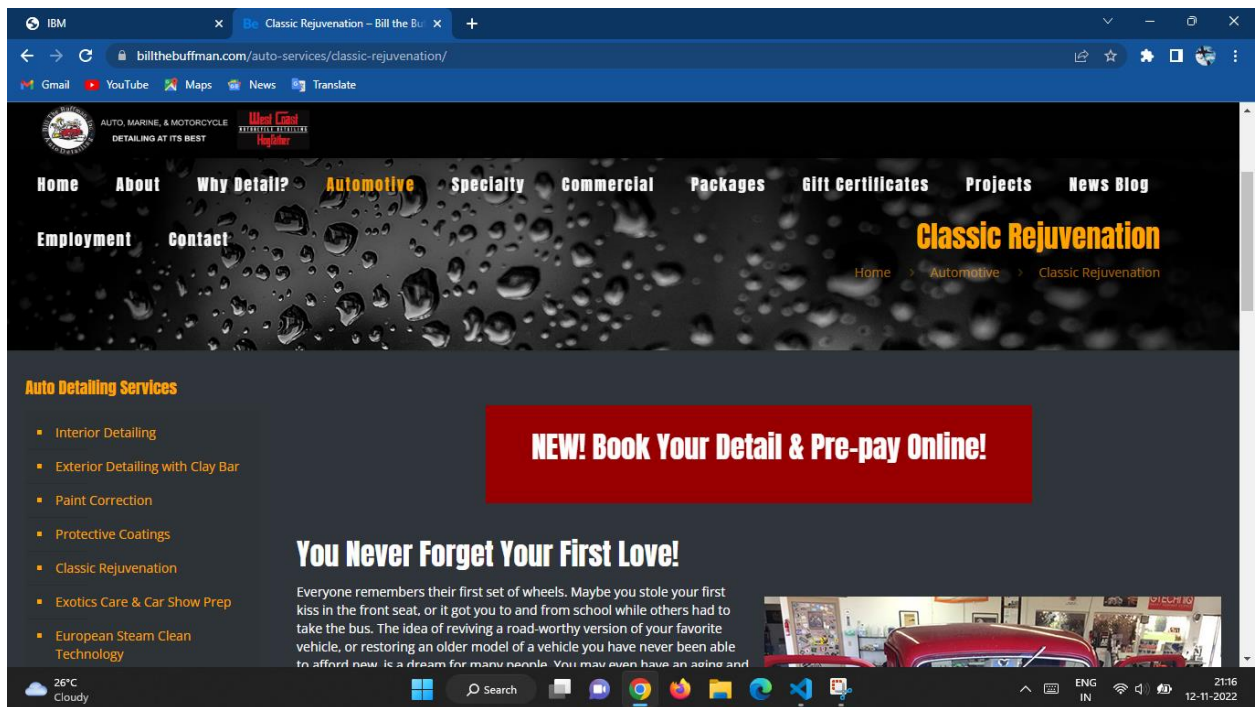
Coding

```
C:\windows\py.exe
* Serving Flask app 'App.cpython-310'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with watchdog (windowsapi)
* Debugger is active!
* Debugger PIN: 132-476-255
```

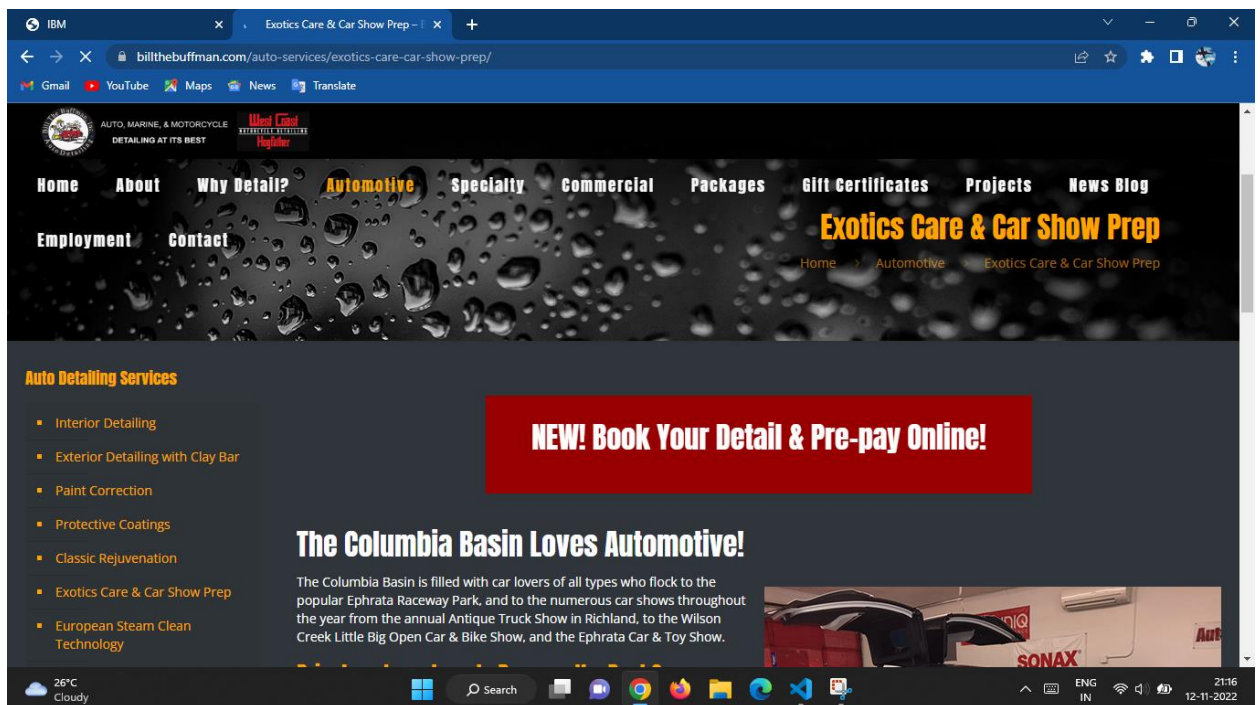
Terminal



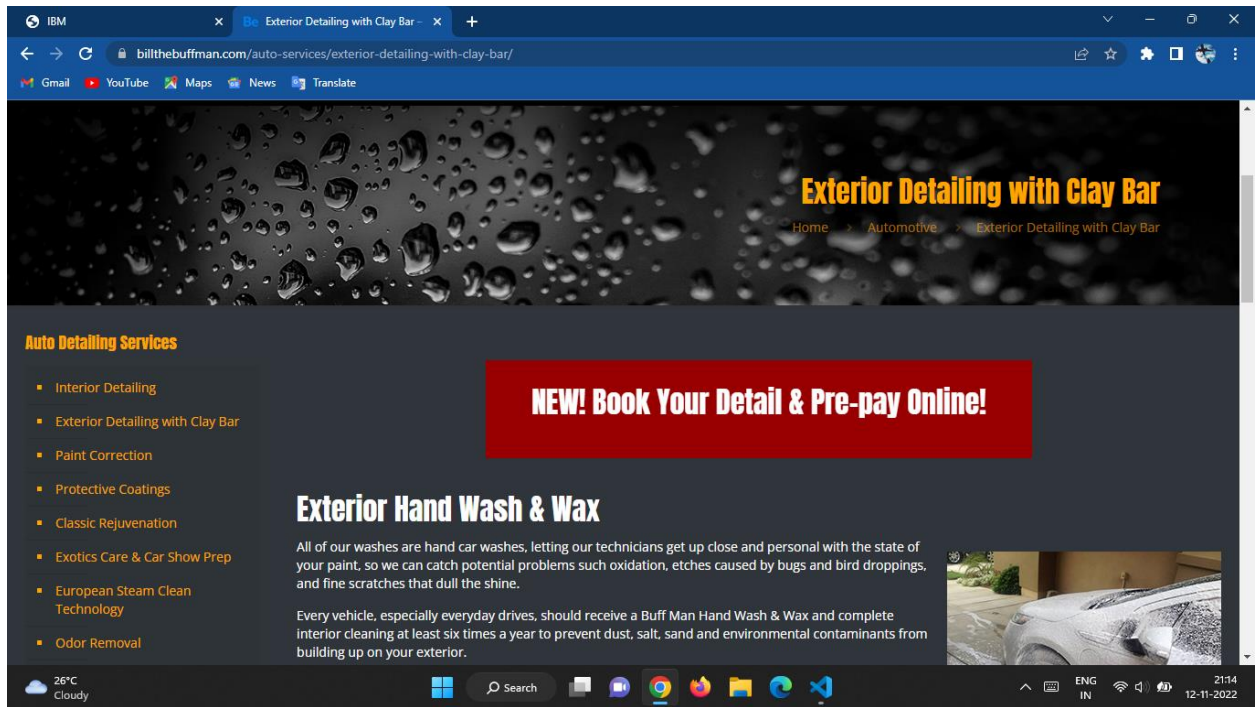
Home Page using Flask



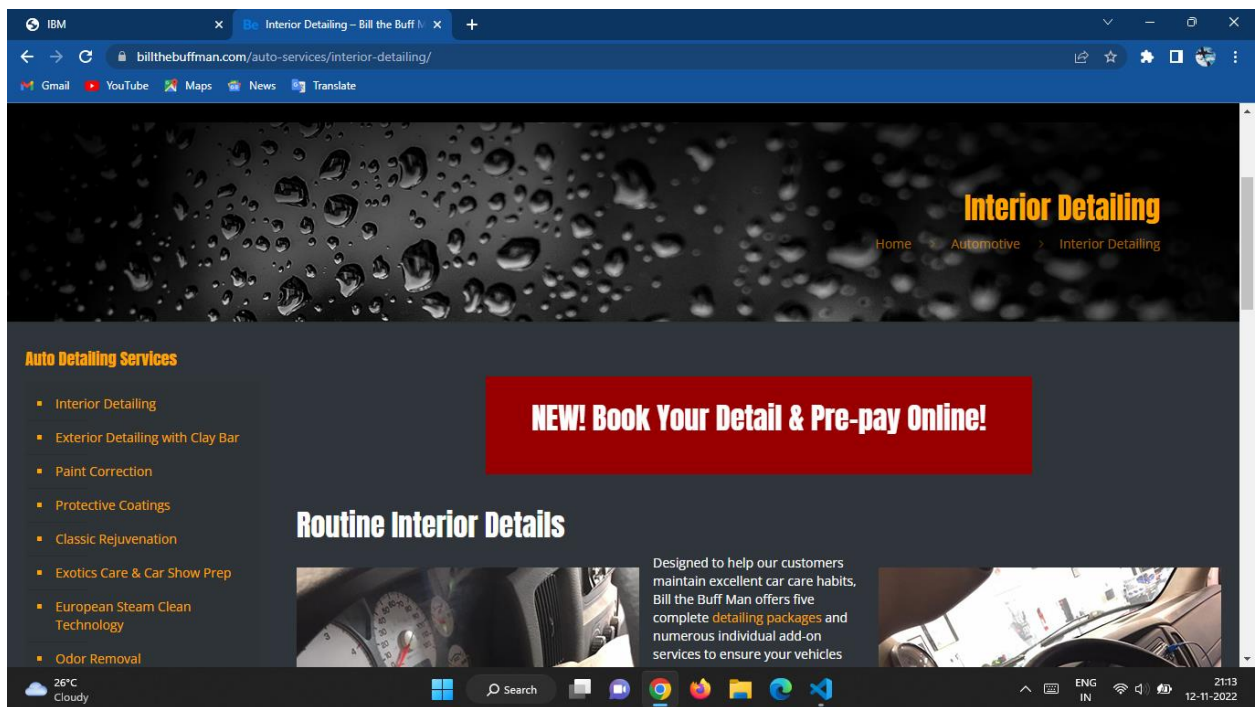
Classic Rejuvenation page



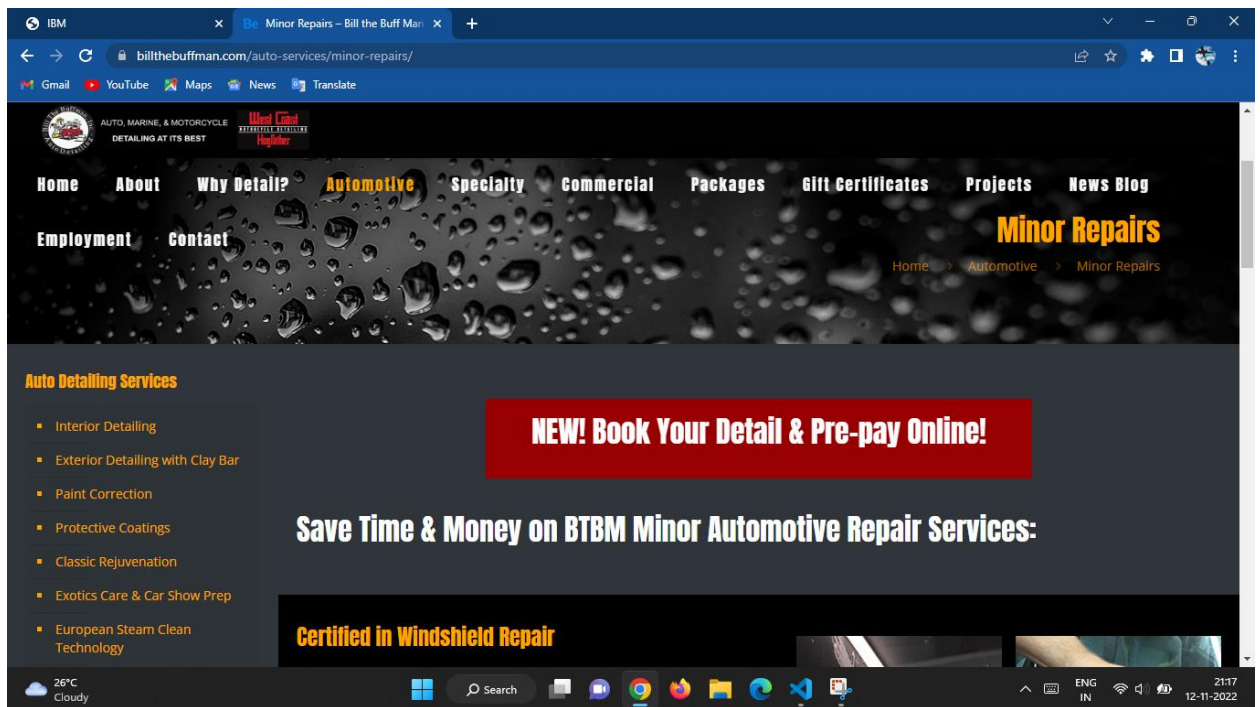
Exotic Car and show prep page



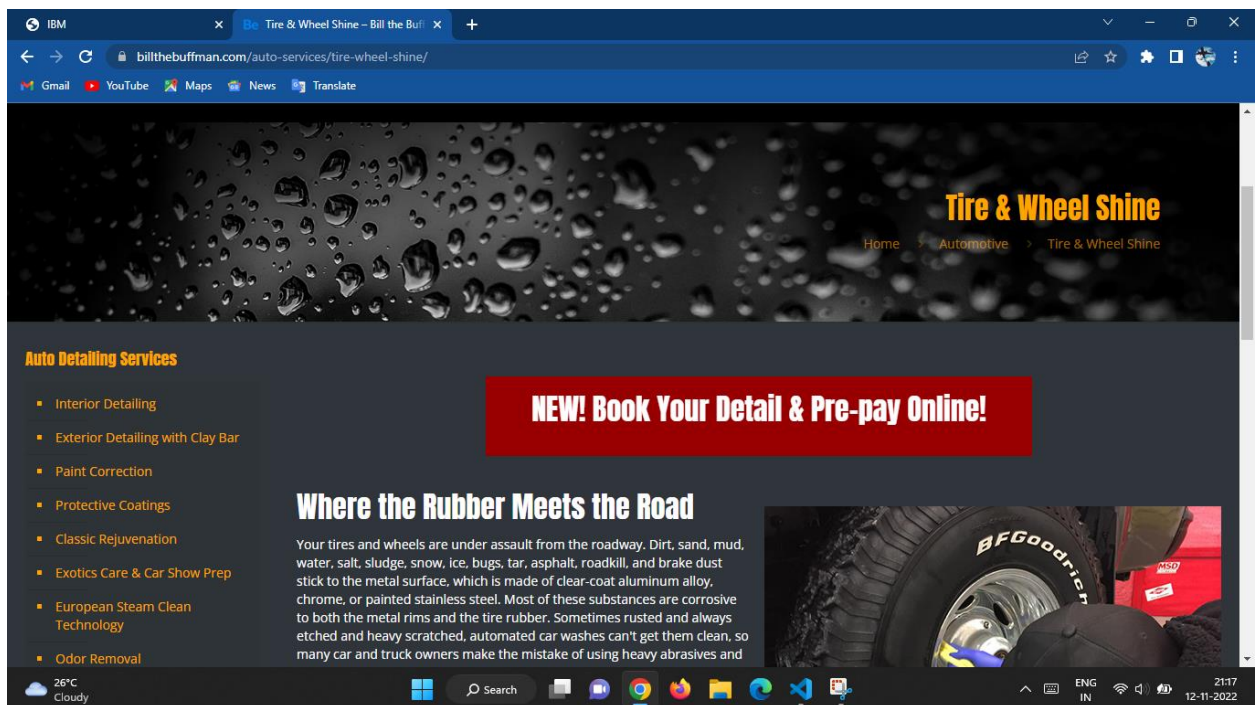
Exterior Detailing with clay bar page



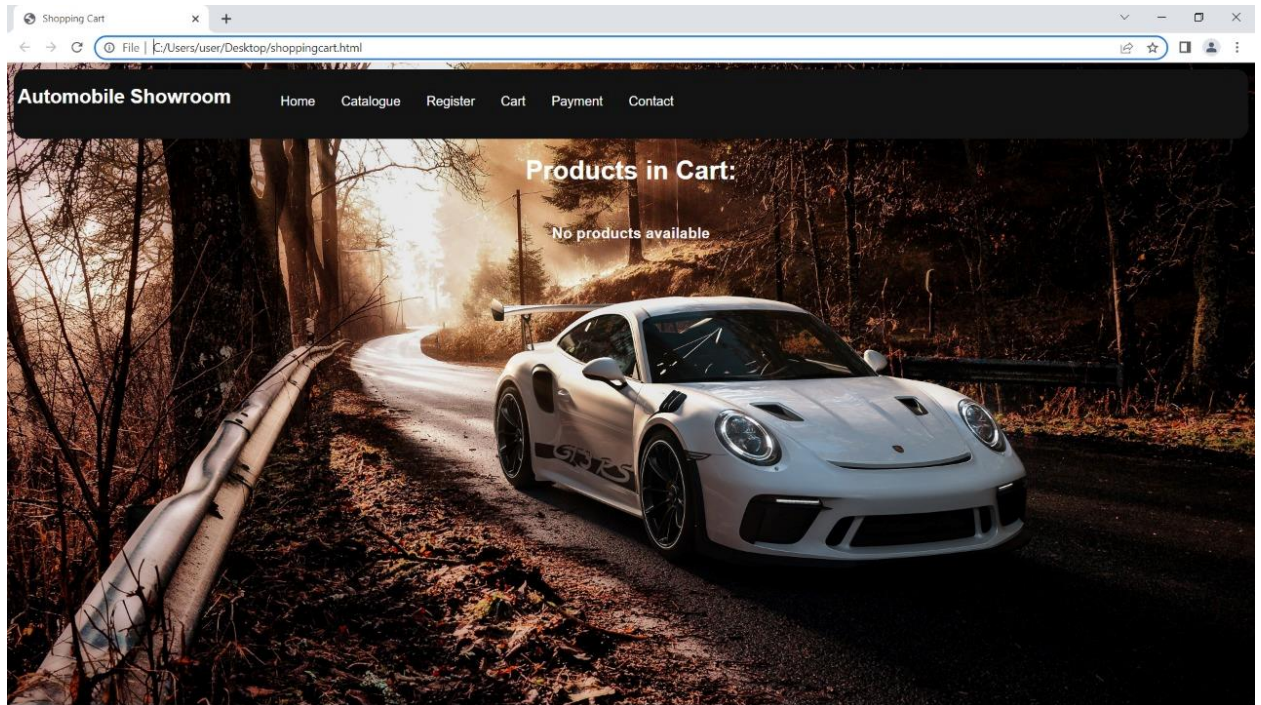
Interior Detailing page



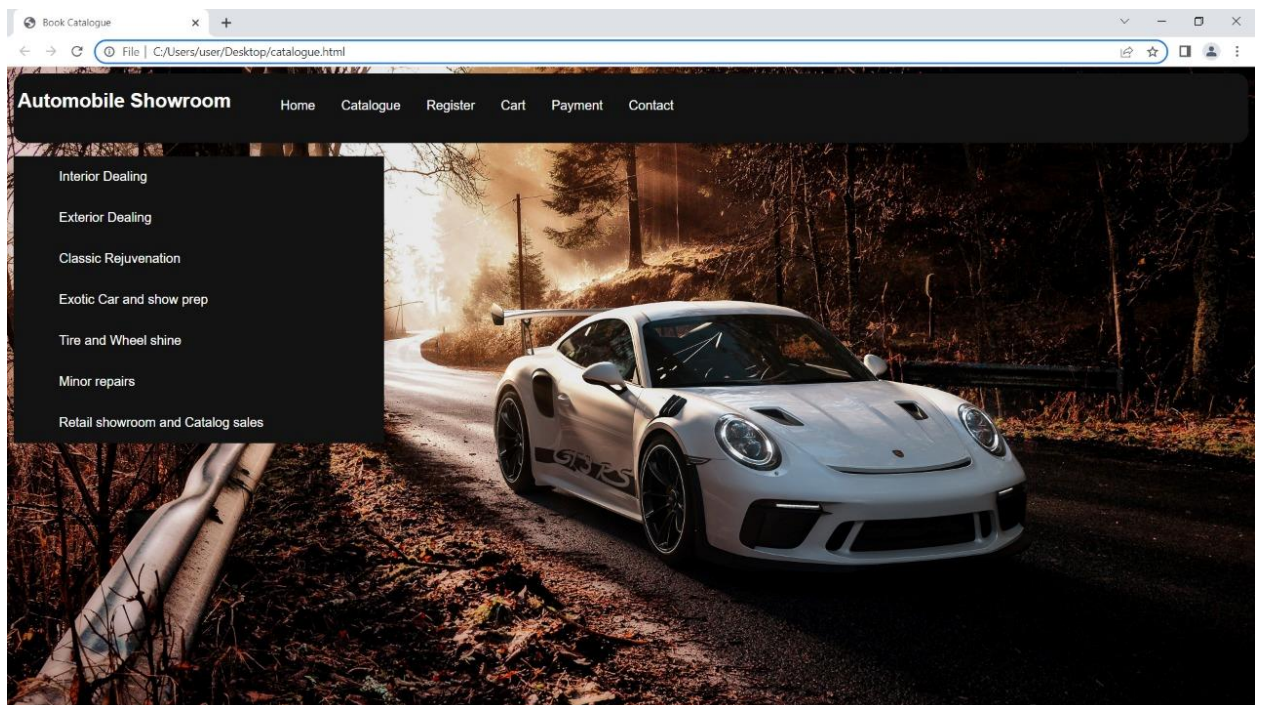
Minor Repairs page



Tire and Wheel shine page



Card Page using Flask



Catalog Page using Flask

Registration

File | C:/Users/user/Desktop/registration.html

Automobile Showroom Home Catalogue Register Cart Payment Contact

New User? Register Here.

Your name:

Username:

Password:

Password again:

Gender: ☐ Male ☐ Female

Date of Birth:

Address:

Zipcode:

Create your account

Registration Page using Flask

Payment

File | C:/Users/user/Desktop/payment.html

Automobile Showroom Home Catalogue Register Profile Cart Payment Contact

Payment


Card Number:

Card Holder's Name:

Password:

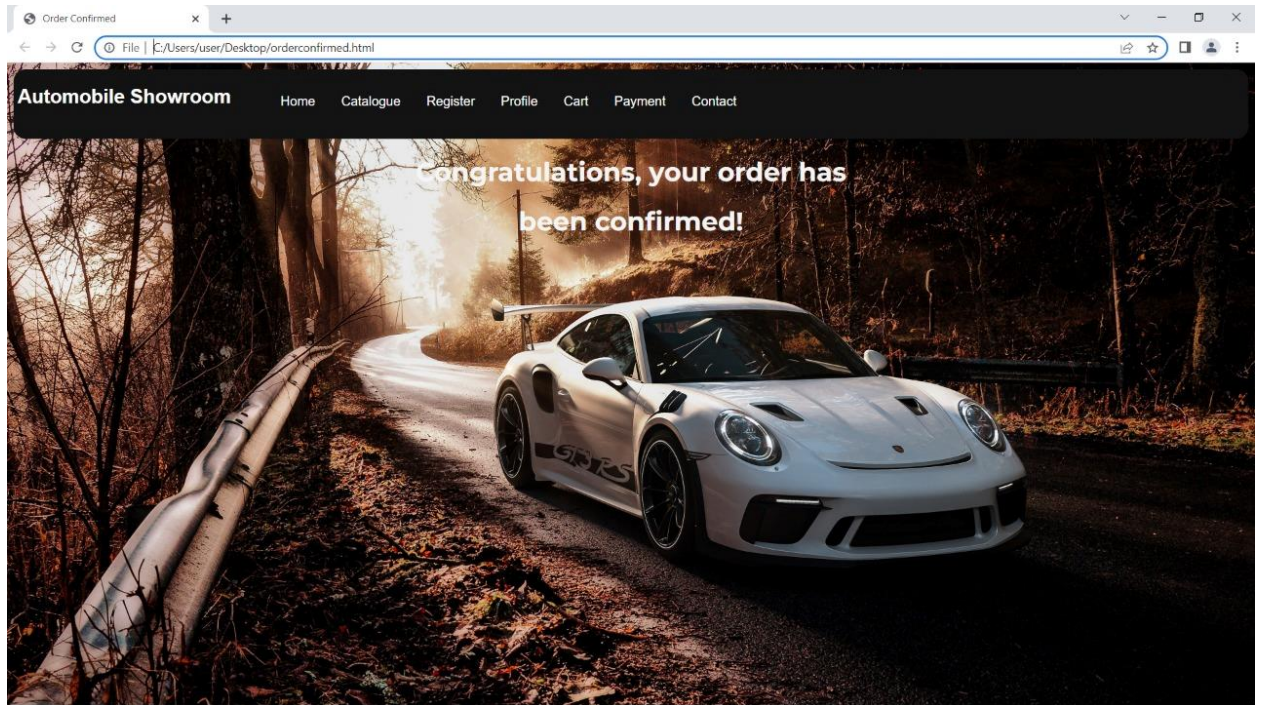
Expiration Date:

CVV:

VISA  AMERICAN EXPRESS

Make Payment

Payment Page using Flask



Oder Confirmation Page using Flask

9. RESULTS

9.1 Performance Metrics

- Accuracy

The accuracy metric is one of the simplest Classification metrics to implement, and it can be determined as the number of correct predictions to the total number of predictions.

- Confusion Matrix

A confusion matrix is a tabular representation of prediction outcomes of any binary classifier, which is used to describe the performance of the classification model on a set of test data when true values are known. The confusion matrix is simple to implement, but the terminologies used in this matrix might be confusing for beginners.

10.ADVANTAGES & DISADVANTAGES

Advantages

- Improved customer service
- Cloud-based solution
- Order Fulfillment
- Harness Customer Loyalty and Retention
- Helps move vehicles through the service bay quicker
- Mitigate Risks with Added Security
- Maximize Profit

Disadvantages

- System Clash
- Reduced Physical Audits
- No solution to improve or eliminate bottlenecks in the service cycle

11.CONCLUSION

Taking proper care of our record is crucial in every business, no matter how big or little, we must understand. We must educate ourselves about the idea of effective inventory management and its applications because we can see that managers do not fully grasp it. A company's inventory management system is one of the reasons for its failure. Many customs to combat failure are present, and we can start from this point. Modern technologies can support us in managing and keeping an eye on our inventory. We may learn, put new ideas into practice, and assess our company.

12.FUTURE SCOPE

- Collaboration with supply chain partners, coupled with a holistic approach to supply chain management, will be key to effective inventory management.
- The nature of globalization will change, impacting inventory deployment decisions dramatically.

13.APPENDIX

Source Code

Sprint-1

catalogue.html

```
<html>

<head>
<title>Book Catalogue</title>
  <style>
.menu{
  background-color: #131413;
  padding: 0px;
  margin: 0px;
  border-radius: 15px;
}
ul {
  list-style-type: none;
  overflow: hidden;
  background-color: #131413;
}

.menu li {
float:left;
}

.menu li a {
  display: inline-block;
  color: white;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
}

a:hover {
  background-color: #4CAFFF;
}

h2{
  color:white;
}
.menuleft:hover{
  background-color: #4CAFFF;
```

```

}
.menuleft{
padding:0px 5px;
}

body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-
3.jpg);
background-position: center;
background-size: cover;
}
.button {
background-color: white;
color: #4CAF50;
border: none;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin-right: 0px;
border-radius: 55px;
}

.required-tracking li a{
display: flex;
color: white;
text-align:justify;
padding:16px;
text-decoration: none;
font-weight: 500;
}
.button:hover{
background-color: #4CAFFF;
color:white;
}

.footer{
width: 100%;
height: 5%;
}

```

```

    </style>
</head>

<body bgcolor="#4CAF50">

<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration_with_js_validation.html" class="logo">
            <h2 style="float:left;">Automobile Showroom</h2>
        </a>
    </div>
    <div class="menuright" style="float:left;">
        <ul>
            <li><a href="homepage.html" id="menufirstelement">Home</a></li>
            <li><a href="catalogue.html">Catalogue</a></li>
            <li><a href="registration_with_js_validation.html">Register</a></li>
            <li><a href="shoppingcard.html">Cart</a></li>
            <li><a href="payment.html">Payment</a></li>
            <li><a href="contact.html">Contact</a></li>
        </ul>
    </div>
</div>
<div class="full" style="float:center;display:inline;">
<div class="scrollable menu-content" style="float:left; width:30%;">
    <ul class="required-tracking" data-tracking-id="clp_books_clp/CategoryList_0-1_catergorylinks" >
        <li> <a href="#">Interior Dealing</a></li>
        <li> <a href="#">Exterior Dealing</a></li>
        <li> <a href="#">Classic Rejuvenation</a></li>
        <li> <a href="#">Exotic Car and show prep</a></li>
        <li> <a href="#">Tire and Wheel shine</a></li>
        <li> <a href="#">Minor repairs</a></li>
        <li> <a href="#">Retail showroom and Catalog sales</a></li>
    </ul>
</div>

</body>
</html>

```

homepage.html

```
<html>
```

```
<head>
<title>Home</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid white;
    padding: 20px;
    width: 200px;
    height: 150px;
    margin-bottom: 20px;
    margin-top: 100px;
    margin-right: 100px;
    float: right;
    background-color: white;
```



```

}

.button {
    background-color: #4CAF50;
    border: none;
    color: white;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}
h4{
font-size: 18px;
color: #4CAF50;
}
h2{
color:white;
}
.menuleft:hover{
    background-color: #4CAFFF;

}
.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}

th{
    color:#4CAF50;
    font-size: 24px;
    font-weight: bold;
}
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;

```

```

}

.footer{
width: 100%;
height: 5%;
}

.button:hover{
background-color: #4CAFFF;
}
</style>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
  <div class="menuleft" style="float:left;">
    <a href="registration_with_js_validation.html" class="logo">
    <h2 style="float:left;">Automobile Showroom</h2>
    </a>
  </div>
  <div class="menuright" style="float:left;">
    <ul>
      <li><a href="homepage.html" id="menufirstelement">Home</a></li>
      <li><a href="catalogue.html">Catalogue</a></li>
      <li><a href="shoppingcart.html"> Cart</a></li>
      <li><a href="payment.html">Payment</a></li>
      <li><a href="contact.html">Contact</a></li>
    </ul>
  </div>
</div>
<p><center><h1 style="color:whitesmoke">WELCOME TO OUR WEBSITE :)
</h1></center></p>

</body>
</html>

```

Orderconfirmed.html

```

<html>
<head>
<title>Order Confirmed</title>
<!--<link rel="stylesheet" type="text/css" href="registration_with_js_validation.css">-->
<link href='https://fonts.googleapis.com/css?family=Montserrat:700' rel='stylesheet' type='text/css'>
<style>
.menu{
background-color: #131413;

```

```
padding: 0px;
margin: 0px;
border-radius: 15px;
}
ul {
list-style-type: none;
overflow: hidden;
background-color: #131413;
}

li {
float:left;
}

li a {
display: inline-block;
color: white;
text-align: center;
padding: 14px 16px;
text-decoration: none;
}

a:hover {
background-color: #4CAFFF;
}

#roundedcorners {
border-radius: 25px;
border: 2px solid white;
padding: 20px;
width: 200px;
height: 150px;
margin-bottom: 20px;
margin-top: 100px;
margin-right: 100px;
float: right;
background-color: white;
}

.button {
background-color: #4CAF50;
border: none;
color: white;
padding: 15px 32px;
```

```
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin-right: 0px;
border-radius: 55px;
}
h4{
font-size: 18px;
color: #4CAF50;
}
h2{
color:white;
}
.menuleft:hover{
background-color: #4CAFFF;

}
.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}

th{
color:#4CAF50;
font-size: 24px;
font-weight: bold;
border-style:
}
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}

.footer{
width: 100%;
height: 5%;
}
```



```

.button:hover{
    background-color: #4CAFFF;
}
.login{
    background-color: none;
    border-radius: 280px 20px;
    font-family: 'Montserrat', sans-serif;
}
</style>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration_with_js_validation.html" class="logo">
            <h2 style="float:left;">Automobile Showroom</h2>
        </a>
    </div>
    <div class="menuright" style="float:left;">
        <ul>
            <li><a href="homepage.html" id="menufirstelement">Home</a></li>
            <li><a href="catalogue.html">Catalogue</a></li>
            <li><a href="registration_with_js_validation.html">Register</a></li>
            <li><a href="userpro.html">Profile</a></li>
            <li><a href="shoppingcart.html"> Cart</a></li>
            <li><a href="payment.html">Payment</a></li>
            <li><a href="contact.html">Contact</a></li>
        </ul>
    </div>
</div>
<center>
<div class="login" style="width: 90%; height:59%;">
    <center>
        <h1 style="color:whitesmoke">Congratulations, your order has</h1>
        <h1 style="color:whitesmoke">been confirmed!</h1>
    </center>
</div>
</center>

</body>
</html>
Payment.html
<html>
<head>

```

```
<title>Payment</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid none;
    padding: 20px;
    width: 200px;
    height: 150px;
    background-color: white;
    margin: 20px;
    white-space: nowrap;
    overflow: hidden;
}

.button {
    background-color: #4CAF50;
```

```
    color: white;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}
.button:hover{
    background-color: #4CAFFF;
    color: white;
}
h4{
font-size: 18px;
color: #4CAF50;
}
h2{
color:white;
}
.menuleft:hover{
    background-color: #4CAFFF;

}
.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}
td{
vertical-align: middle;
    color: #4CAF50;
}
body{
    font-family:sans-serif;
    background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}
.footer{
width: 100%;
```

```
height: 5%;  
}
```

```
#roundedcorners td h4{  
    vertical-align: text-bottom;  
}
```

```
#roundedcorners td{  
    vertical-align: text-bottom;  
}
```

```
.paymentIcons{  
    margin-right: 55px;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="menu" style="float:top; width: 100%; height:11%;">
```

```
    <div class="menuleft" style="float:left;">
```

```
        <a href="registration_with_js_validation.html" class="logo">
```

```
        <h2 style="float:left;">Automobile Showroom</h2>
```

```
    </a>
```

```
    </div>
```

```
    <div class="menuright" style="float:left;">
```

```
        <ul>
```

```
            <li><a href="homepage.html">Home</a></li>
```

```
            <li><a href="catalogue.html">Catalogue</a></li>
```

```
            <li><a href="registration_with_js_validation.html">Register</a></li>
```

```
            <li><a href="userpro.html">Profile</a></li>
```

```
            <li><a href="shoppingcart.html"> Cart</a></li>
```

```
            <li><a href="payment.html">Payment</a></li>
```

```
            <li><a href="contact.html">Contact</a></li>
```

```
        </ul>
```

```
    </div>
```

```
</div>
```

```
<div >
```

```
<center>
```

```
<table id="roundedcorners">
```

```
    <tr>
```

```
        <td  
            colspan="2"><center><strong><h1  
color:#af4c5c;">Payment</h1></strong></center></td>
```

```
    </tr>
```

```
    <tr>
```

```
        <td><h4 style="color:#af4c5c">Card Number:</h4></td>
```

```
style="text-align:center;
```



```

        <td><input type="text" placeholder="1111 1111 1111 1111"></td>
    </tr>
    <tr>
    <td><h4 style="color:#af4c5c">Card Holder's Name: </h4></td>
        <td><input type="text" placeholder="(e.g.)abc"></td>
    </tr>
    <tr>
    <td><h4 style="color:#af4c5c">Password: </h4></td>
        <td><input type="password" placeholder="*****"></td>
    </tr>
    <tr>
    <td><h4 style="color:#af4c5c">Expiration Date: </h4></td>
        <td><input type="date" style="color:gray;"></td>
    </tr>
    <tr>
    <td><h4 style="color:#af4c5c">CVV: </h4></td>
        <td style="color:white;"><input type="text" placeholder="999" style="width:50px;"></td>
    </tr>
    <tr>
        <td colspan="2">
            
            
            
        </td>
    </tr>
    <tr>
    <td colspan="2">&nbsp;</td>
    </tr>
    <tr>
    <td colspan="2"><form method="post" action="orderconfirm.html">
        <input type="submit" value="Make Payment" class="button" style="width:100%;"></form></td>
    </tr>
</table>
</center>
</div>
</body>
</html>
registration.html
<html>

<head>

```

```
<title>Registration</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid none;
    padding: 20px;
    width: 200px;
    height: 150px;
    background-color: none;
    margin: 20px;
    white-space: nowrap;
    overflow: hidden;
}

.center {
    display: block;
```

```
margin-left: auto;
margin-right: auto;
width: 50%;
}

.button {
  background-color: white;
  color: #4CAF50;
  border: none;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  margin-right: 0px;
  border-radius: 55px;
}
h4{
font-size: 18px;
color: white;
}
h2{
color:white;
}
.menuleft:hover{
  background-color: #4CAFFF;

}
.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}
td{
vertical-align: middle;
  color: #4CAF50;
}
body{
  font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
```

```

}
.footer{
width: 100%;
height: 5%;
}

#roundedcorners td h4{
    vertical-align: text-bottom;
}

#roundedcorners td{
    vertical-align: text-bottom;
}
</style>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration.html" class="logo">
        <h2 style="float:left;">Automobile Showroom</h2>
        </a>
    </div>
    <div class="menuright" style="float:left;">
        <ul>
            <li><a href="homepage.html">Home</a></li>
            <li><a href="catalogue.html">Catalogue</a></li>
            <li><a href="registration.html">Register</a></li>
            <li><a href="shoppingcart.html"> Cart</a></li>
            <li><a href="payment.html">Payment</a></li>
            <li><a href="contact.html">Contact</a></li>
        </ul>
    </div>
</div>

<div>
<center><strong><h1 style="text-align:center; color:rgb(250, 249, 249);">New User? Register
Here.</h1></strong></center>
<center>
<table id="roundedcorners">
    <tr>
        <td><h2>Your name:</h2></td>
        <td><input type="text" placeholder="(e.g.) ABC"></td>
    </tr>

```



```

        <tr>
<td><h2>Username: </h2></td>
        <td><input type="text" placeholder="(e.g.) ABC"></td>
        </tr>
        <tr>
<td><h2>Password: </h2></td>
        <td><input type="password" placeholder="*****"></td>
        </tr>
        <tr>
<td><h2>Password again: </h2></td>
        <td><input type="password"></td>
        </tr>
        <tr><td><h2>Gender: </h2></td>
        <td style="color:white;"><input type="radio" value="male">Male <input type="radio"
value="female">Female</td>
        </tr>
        <tr><td><h2>Date of Birth: </h2></td>
        <td><input type="date" style="color:gray;"></td>
        </tr>
        <tr>
<td><h2>Address: </h2></td>
        <td><textarea placeholder="Optional..."></textarea></td>
        </tr>
        <tr>
<td><h2>Zipcode: </h2></td>
        <td><input type="text" placeholder="11111" maxlength="6"></td>
        </tr>
        <tr>
        <td colspan="2"><input type="button" value="Create your account" class="button"
style="width:100%;"></td>
        </tr>
</table>
</center>
</div>
</body>
</html>

```

Registration with js validation.html

```

<html>
<head>
<title>Registration</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;

```

```
padding: 0px;
margin: 0px;
}
.menuright ul {
list-style-type: none;
overflow: hidden;
background-color: #131413;
}

.menuright li {
float:left;
}

.menuright li a {
display: inline-block;
color: white;
text-align: center;
padding: 14px 16px;
text-decoration: none;
}

.menuright a:hover {
background-color: #4CAFFF;
}

.menuright div{
position: absolute;
visibility: hidden;
background: white;
border: 1px solid #4CAF50;
}

.menuright div a{
position: relative;
display: block;
padding 5px 10px;
width: auto;
text-align: left;
color: #4CAF50;
}

.menuright div a:hover{
color:white;
}
```

```
#roundedcorners {
    border-radius: 25px;
    border: 2px solid none;
    padding: 20px;
    width: 200px;
    height: 150px;
    background-color: none;
    margin: 20px;
    white-space: nowrap;
    overflow: hidden;
}

.center {
    display: block;
    margin-left: auto;
    margin-right: auto;
    width: 50%;
}

.button {
    background-color: white;
    color: #4CAF50;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

h4{
font-size: 18px;
color: white;
}

h2{
color:white;
}

.menuleft:hover{
    background-color: #4CAFFF;
}

.menuleft{
```

```
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}
td{
vertical-align: middle;
color: #4CAF50;
}
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}
.footer{
width: 100%;
height: 5%;
}
```

```
#roundedcorners td h4{
vertical-align: text-bottom;
}
```

```
#roundedcorners td{
vertical-align: text-bottom;
}
```

```
</style>
```

```
<script type="text/javascript">
var timeout = 500;
var closeTimer = 0;
var ddMenuItem = 0;
```

```
function check(helpermsg)
{
var name = document.getElementById('req1');
var username = document.getElementById('req2');
var pwd = document.getElementById('comp1');
var pwd2 = document.getElementById('comp2');
var email = document.getElementById('email');

if(username.value.charAt(0)=='a' || username.value.charAt(0)=='u')
{
```

```

        name.focus();
        alert('Username should begin with '+'a or u');
        return false;
    }

    if(name.value.length==0)
    {
        name.focus();
        alert(helpermsg+'name');
        return false;
    }
    if(username.value.length==0)
    {
        username.focus();
        alert(helpermsg+'username');
        return false;
    }
    if(pwd.value!=pwd2.value||pwd.value=="")
    {
        alert('Passwords do not match');
        return false;
    }
}

function mOpen(id)
{
    var idd = ""+id;
    mCancelCloseTime();
    if(ddMenuItem)
        ddMenuItem.style.visibility='hidden';
    ddMenuItem=document.getElementById(idd);
    ddMenuItem.style.visibility='visible';
}

function mClose()
{
    if(ddMenuItem)
        ddMenuItem.style.visibility='hidden';
}

function mCloseTime()
{

```



```

        closeTimer = window.setTimeout(mClose,timeout);
    }

function mCancelCloseTime()
{
    if(closeTimer)
    {
        window.clearTimeout(closeTimer);
        closeTimer=null;
    }
}

</script>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration.html" class="logo">
            <h2 style="float:left;">Book Store</h2>
        </a>
    </div>
    <div class="menuright" style="float:left;">
        <ul>
            <li><a
                                href="homepage.html"
                                onmouseover="mOpen('m1')"
onmouseout="mCloseTime()">Home</a>
                <div id="m1" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
                    <a href="#">About Us</a>
                    <a href="#">Mission</a>
                    <a href="#">Vision</a>
                    <a href="#">Contact Us</a>
                </div>
            </li>
            <li><a
                                href="catalogue.html"
                                onmouseover="mOpen('m2')"
onmouseout="mCloseTime()">Catalogue</a>
                <div id="m2" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
                    <a href="#">About Us</a>
                    <a href="#">Mission</a>
                    <a href="#">Vision</a>
                    <a href="#">Contact Us</a>
                </div>
            </li>
            <li><a
                                href="registration.html"
                                onmouseover="mOpen('m3')"
onmouseout="mCloseTime()">Register</a>

```

```

        <div id="m3" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
            <a href="#">About Us</a>
            <a href="#">Mission</a>
            <a href="#">Vision</a>
            <a href="#">Contact Us</a>
        </div>
    </li>
    <li><a href="shoppingcart.html" onmouseover="mOpen('m5')"
onmouseout="mCloseTime()">Shopping Cart</a>
        <div id="m5" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
            <a href="#">About Us</a>
            <a href="#">Mission</a>
            <a href="#">Vision</a>
            <a href="#">Contact Us</a>
        </div>
    </li>
    <li><a href="payment.html">Payment</a></li>
</ul>
</div>
</div>

```

```

<div>
<center><strong><h1 style="text-align:center; color:white;">New User? Register
Here.</h1></strong></center>
<center>
<form action="lo.php" >
<table id="roundedcorners">
    <tr>
        <td><h4>Your name:<span class="star" style="color:red">*</span></h4></td>
        <td><input type="text" placeholder="(e.g.) ABC" id="req1"></td>
    </tr>
    <tr>
        <td><h4>Username:<span class="star" style="color:red">*</span></h4></td>
        <td><input type="text" placeholder="(e.g.) ABC" id="req2"></td>
    </tr>
    <tr>
        <td><h4>Email:<span class="star" style="color:red">*</span></h4></td>
        <td><input type="text" placeholder="abc@gmail.com" id="email"></td>
    </tr>
    <tr>
        <td><h4>Password:<span class="star" style="color:red">*</span></h4></td>
        <td><input type="password" placeholder="*****" id="comp1"></td>
    </tr>
    <tr>

```

```

        <td><h4>Confirm Password:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="password" placeholder="*****" id="comp2"></td>
    </tr>
</tr>
<td><h4>Gender:<span class="star" style="color:red">*</span> </h4></td>
    <td style="color:white;"><input type="radio" value="male">Male <input type="radio"
value="female">Female</td>
</tr>
<td><h4>Date of Birth:<span class="star" style="color:red">*</span> </h4></td>
    <td><input type="date" style="color:gray;"></td>
</tr>
</tr>
<td><h4>Address:</h4></td>
    <td><textarea placeholder="Optional..."></textarea></td>
</tr>
</tr>
<td><h4>Zipcode:<span class="star" style="color:red">*</span> </h4></td>
    <td><input type="text" placeholder="11111" maxlength="6"></td>
</tr>
</tr>
    <td colspan="2"><input type="button" onclick="return check('Please enter ')" value="Create your
Bookstore account" class="button" style="width:100%;"></td>
</tr>
</table>
</form>
</center>

```

```

</body>
</html>

```

Shoppingcart.html

```

<html>

<head>
<title>Shopping Cart</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->

<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
.menu ul {

```

```
list-style-type: none;
overflow: hidden;
background-color: #131413;
}
```

```
.menu li {
float:left;
}
```

```
.menu li a {
display: inline-block;
color: white;
text-align: center;
padding: 14px 16px;
text-decoration: none;
}
```

```
.menu ul a:hover {
background-color: #4CAFFF;
}
```

```
#roundedcorners {
border-radius: 25px;
border: 2px solid white;
padding: 20px;
width: 200px;
height: 150px;
margin-bottom: 20px;
margin-top: 100px;
margin-right: 100px;
float: right;
background-color: white;
}
```

```
.button {
background-color: white;
border: none;
color: #4CAF50;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin-right: 0px;
```

```
border-radius: 55px;
}

.button:hover{
background-color: #4CAFFF;
color: white;
}

h2{
color:white;
}

.menuleft:hover{
background-color: #4CAFFF;
}

.menuleft{
padding:0px 5px;
}


body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}

.footer{
width: 100%;
height: 5%;
}

img{
border:0;
}
::selection{
color:#fff;
background:#00a2ff;
text-shadow:0 1px rgba(0,0,0,0.2);
}
header,
nav,
section,
details,
```



```

summary,
article,
footer{
    display:block;
}
a:hover{
    text-decoration:none;
}

#content{
    margin:0 auto;
    padding-bottom:50px;
    width:280px;
}

.shoppingCart{
    position:relative;
    margin-top:40px;
    overflow:hidden;
    color:#495860;
    color:hsla(201,14%,33%,0.8);
    border-radius:4px 4px 0 0;
    box-shadow:0 2px 3px 1px rgba(0,0,0,0);
    transition:all 0.4s;
}

.shoppingCart:hover{
    color:#495860;
    box-shadow:0 2px 4px 1px rgba(0,0,0,0.1);
}

.shoppingCart summary{
    padding:12px 16px 14px 16px;
    overflow:hidden;
    background:#222;
    background: linear-gradient(top,#4ca9e2 1%,#1d7cb7 100%);
    border-radius:4px 4px 0 0;
    box-shadow:inset 0 1px 0 #72b3d3, inset 0 -1px 0 #155f8e;
    height: 60px;
}

.shoppingCart h4{
    float:left;
    color:#d4f1ff;
    text-shadow:0 1px 0 rgba(0,0,0,0.4);
}

.shoppingCart:hover h4{
    color:#fff;

```

```

    }
    .arrow{
      float:right;
      width:0;
      height:0;
      margin-top:7px;
      border-right:4px solid transparent;
      border-bottom:4px solid hsla(200,17%,93%,0.5);
      border-left:4px solid transparent;
      transition:all 0.5s;
    }
    .shoppingCart:hover .arrow{
      border-bottom-color:hsla(200,17%,93%,1);
      transform:rotate(-180deg);
    }
    .shoppingCart ul{
      list-style:none;
      position:relative;
      display:block;
    }
    .shoppingCart li{
      padding:0 15px;
      overflow:hidden;
      height:0px;
      background:#fff;
      transition:all 0.3s;
    }
    .shoppingCart:hover li{
      height:auto;
      padding:10px 15px;
      border-bottom:1px solid rgba(0,0,0,0.1);
      box-shadow:inset 0 1px 0 #fff;
    }
    .shoppingCart:hover li:hover{
      text-shadow:0 -1px #fff;
      box-shadow:inset 0 15px 20px #eee;
    }
    .shoppingCart li a{
      color:#495860;
      text-decoration:none;
      border-color:#666;
      border-bottom:1px dotted rgba(0,0,0,0.6);
    }
    .shoppingCart li a:hover{

```

```

        border:0;
    }
    .shoppingCart li span{
        display:block;
        float:left;
    }
    .shoppingCart li strong{
        display:block;
        float:right;
    }
    .shoppingCart p{
        padding:12px 16px 14px 16px;
        overflow:hidden;
        background:#fff;
        transition:background 0.2s;
    }
    .shoppingCart:hover p{
        text-shadow:0 -1px #fff;
        background:#eee;
    }
    .shoppingCart p span{
        display:block;
    }
    .shoppingCart p span:first-child{
        float:left;
    }
    .shoppingCart:hover p span:first-child{
        display:none;
    }
    .shoppingCart p span:last-child{
        float:right;
    }

```

```

td{
    vertical-align: middle;
    color: white;
    padding-top: 10px;
    padding-right: 30px;
}

```

```

.textm{
    text-align: center;
}

```

```
white-space: nowrap;
overflow: hidden;
}
```

```
li span{
width: 100%;
}
</style>
</head>
```

```
<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
  <div class="menuleft" style="float:left;">
    <a href="registration.html" class="logo">
      <h2 style="float:left;">Automobile Showroom</h2>
    </a>
  </div>
  <div class="menuright" style="float:left;">
    <ul>
      <li><a href="homepage.html" id="menufirstelement">Home</a></li>
      <li><a href="catalogue.html">Catalogue</a></li>
      <li><a href="registration.html">Register</a></li>
      <li><a href="shoppingcart.html">Cart</a></li>
      <li><a href="payment.html">Payment</a></li>
      <li><a href="contact.html">Contact</a></li>
    </ul>
  </div>
</div>
<center>
```

```
<h1 style="color:white;margin-bottom:30px;">Products in Cart:</h1>
<div style="display:inline-block;width:100%;height:300px;">
<h3 style="color:whitesmoke"> No products available</h3>
</div>
</center>
```

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

App.py

```
from flask import Flask,render_template, flash,redirect, url_for,request
app = Flask(__name__)
app.secret_key="hello"
```

```
@app.route("/")
def homepage():
    return render_template("homepage.html")
```

```
@app.route("/catalogue")
def catalogue():
    return render_template("catalogue.html")
```

```
@app.route("/orderconfirmed")
def orderconfirmed():
    return render_template("orderconfirmed.html")
```

```
@app.route("/payment")
def payment():
    return render_template("payment.html")
```

```
@app.route("/registration_with_js_validation")
def registration_with_js_validation():
    return render_template("registration_with_js_validation.html")
```

```
@app.route("/registration")
def registration():
    return render_template("registration.html")
```

```
@app.route("/shoppingcart")
def shoppingcart():
    return render_template("shoppingcart.html")
```

Sprint-2

List.html

```
<!doctype html>
<html>
  <body>

  <a href="/"><button >Home</button></a>
```



```

<br><hr>

{{ msg }}

<table border = 1>
  <thead>
    <td>Username</td>
    <td>Email</td>
    <td>Password</td>

  </thead>

  {% for row in students %}
    <tr>
      <td> {{ row["Username"] }} </td>
      <td> {{ row["Email"] }} </td>
      <td> {{ row["Password"] }} </td>

    </tr>
  {% endfor %}
</table>

</body>
</html>

```

catalogue.html

```

<html>

<head>
<title>Book Catalogue</title>
  <style>
    .menu{
      background-color: #131413;
      padding: 0px;
      margin: 0px;
      border-radius: 15px;
    }
    ul {
      list-style-type: none;
      overflow: hidden;
      background-color: #131413;
    }

```

```
.menu li {
float:left;
}

.menu li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

h2{
color:white;
}

.menuleft:hover{
    background-color: #4CAFFF;
}

.menuleft{
padding:0px 5px;
}

body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}

.button {
    background-color: white;
    color: #4CAF50;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
```

```
margin-right: 0px;
border-radius: 55px;
}
```

```
.required-tracking li a{
display: flex;
color: white;
text-align: justify;
padding: 16px;
text-decoration: none;
font-weight: 500;
}
.button:hover{
background-color: #4CAFFF;
color: white;
}
```

```
.footer{
width: 100%;
height: 5%;
}
```

```
</style>
</head>
```

```
<body bgcolor="#4CAF50">
```

```
<div class="menu" style="float: top; width: 100%; height: 11%;">
  <div class="menuleft" style="float: left; ">
    <a href="registration_with_js_validation.html" class="logo">
      <h2 style="float: left; ">Automobile Showroom</h2>
    </a>
  </div>
  <div class="menuright" style="float: left; ">
    <ul>
      <li><a href="homepage.html" id="menufirstelement">Home</a></li>
      <li><a href="catalogue.html">Catalogue</a></li>
      <li><a href="registration_with_js_validation.html">Register</a></li>
      <li><a href="shoppingcard.html">Cart</a></li>
      <li><a href="payment.html">Payment</a></li>
      <li><a href="contact.html">Contact</a></li>
    </ul>
  </div>
```

```

</div>
<div class="full" style="float:center;display:inline;">
<div class="scrollable menu-content" style="float:left; width:30%;">
    <ul class="required-tracking" data-tracking-id="clp_books_clp/CategoryList_0-
1_categorylinks" >
        <li> <a href="#">Interior Dealing</a></li>
        <li> <a href="#">Exterior Dealing</a></li>
        <li> <a href="#">Classic Rejuvenation</a></li>
        <li> <a href="#">Exotic Car and show prep</a></li>
        <li> <a href="#">Tire and Wheel shine</a></li>
        <li> <a href="#">Minor repairs</a></li>
        <li> <a href="#">Retail showroom and Catalog sales</a></li>
    </ul>
</div>

</body>
</html>

```

homepage.html

```

<html>

<head>
<title>Home</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

```

```
li a {
  display: inline-block;
  color: white;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
}

a:hover {
  background-color: #4CAFFF;
}

#roundedcorners {
  border-radius: 25px;
  border: 2px solid white;
  padding: 20px;
  width: 200px;
  height: 150px;
  margin-bottom: 20px;
  margin-top: 100px;
  margin-right: 100px;
  float: right;
  background-color: white;
}

.button {
  background-color: #4CAF50;
  border: none;
  color: white;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  margin-right: 0px;
  border-radius: 55px;
}

h4{
font-size: 18px;
color: #4CAF50;
}

h2{
color:white;
}
```



```

        .menuleft:hover{
            background-color: #4CAFFF;

        }
        .menuleft{
            padding:0px 5px;
        }
        h4{
            display: block;
            padding: 3px 10px;
        }

        th{
            color:#4CAF50;
            font-size: 24px;
            font-weight: bold;
        }
        body{
            font-family:sans-serif;
            background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-
3.jpg);
            background-position: center;
            background-size: cover;
        }

        .footer{
            width: 100%;
            height: 5%;
        }

        .button:hover{
            background-color: #4CAFFF;
        }
    </style>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration_with_js_validation.html" class="logo">
        <h2 style="float:left;">Automobile Showroom</h2>
        </a>
    </div>
    <div class="menuright" style="float:left;">

```

```

        <ul>
            <li><a href="homepage.html" id="menufirstelement">Home</a></li>
            <li><a href="catalogue.html">Catalogue</a></li>
            <li><a href="shoppingcart.html"> Cart</a></li>
            <li><a href="payment.html">Payment</a></li>
            <li><a href="contact.html">Contact</a></li>
        </ul>
    </div>
</div>
<p><center><h1 style="color:whitesmoke">WELCOME TO OUR WEBSITE :)</h1></center></p>

</body>
</html>

```

Orderconfirmed.html

```

<html>
<head>
<title>Order Confirmed</title>
<!--<link rel="stylesheet" type="text/css" href="registration_with_js_validation.css">-->
<link href='https://fonts.googleapis.com/css?family=Montserrat:700' rel='stylesheet' type='text/css'>
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;

```

```
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid white;
    padding: 20px;
    width: 200px;
    height: 150px;
    margin-bottom: 20px;
    margin-top: 100px;
    margin-right: 100px;
    float: right;
    background-color: white;
}

.button {
    background-color: #4CAF50;
    border: none;
    color: white;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

h4{
font-size: 18px;
color: #4CAF50;
}

h2{
color:white;
}

.menuleft:hover{
    background-color: #4CAFFF;
}

.menuleft{
```

```

padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}

th{
color:#4CAF50;
font-size: 24px;
font-weight: bold;
border-style:
}
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}

.footer{
width: 100%;
height: 5%;
}

.button:hover{
background-color: #4CAFFF;
}
.login{
background-color: none;
border-radius: 280px 20px;
font-family: 'Montserrat', sans-serif;
}
</style>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
<div class="menuleft" style="float:left;">
<a href="registration_with_js_validation.html" class="logo">
<h2 style="float:left;">Automobile Showroom</h2>
</a>
</div>
<div class="menuright" style="float:left;">

```

```

<ul>
  <li><a href="homepage.html" id="menufirstelement">Home</a></li>
  <li><a href="catalogue.html">Catalogue</a></li>
  <li><a href="registration_with_js_validation.html">Register</a></li>
  <li><a href="userpro.html">Profile</a></li>
  <li><a href="shoppingcart.html"> Cart</a></li>
  <li><a href="payment.html">Payment</a></li>
  <li><a href="contact.html">Contact</a></li>
</ul>
</div>
</div>
<center>
<div class="login" style="width: 90%; height:59%;">
  <center>
    <h1 style="color:whitesmoke">Congratulations, your order has</h1>
    <h1 style="color:whitesmoke">been confirmed!</h1>
  </center>
</div>
</center>

</body>
</html>

```

Payment.html

```

<html>
<head>
<title>Payment</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
  background-color: #131413;
  padding: 0px;
  margin: 0px;
}
ul {
  list-style-type: none;
  overflow: hidden;
  background-color: #131413;
}

li {
float:left;
}

```

```
li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid none;
    padding: 20px;
    width: 200px;
    height: 150px;
    background-color: white;
    margin: 20px;
    white-space: nowrap;
    overflow: hidden;
}

.button {
    background-color: #4CAF50;
    color: white;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

.button:hover{
    background-color: #4CAFFF;
    color: white;
}

h4{
    font-size: 18px;
    color: #4CAF50;
```



```

}
h2{
  color:white;
}
.menuleft:hover{
  background-color: #4CAFFF;

}
.menuleft{
  padding:0px 5px;
}
h4{
  display: block;
  padding: 3px 10px;
}
td{
  vertical-align: middle;
  color: #4CAF50;
}
body{
  font-family:sans-serif;
  background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
  background-position: center;
  background-size: cover;
}
.footer{
  width: 100%;
  height: 5%;
}

#roundedcorners td h4{
  vertical-align: text-bottom;
}

#roundedcorners td{
  vertical-align: text-bottom;
}
.paymentIcons{
  margin-right: 55px;
}
</style>
</head>

<body>

```

```

<div class="menu" style="float:top; width: 100%; height:11%;">
  <div class="menuleft" style="float:left;">
    <a href="registration_with_js_validation.html" class="logo">
      <h2 style="float:left;">Automobile Showroom</h2>
    </a>
  </div>
  <div class="menuright" style="float:left;">
    <ul>
      <li><a href="homepage.html">Home</a></li>
      <li><a href="catalogue.html">Catalogue</a></li>
      <li><a href="registration_with_js_validation.html">Register</a></li>
      <li><a href="userpro.html">Profile</a></li>
      <li><a href="shoppingcart.html"> Cart</a></li>
      <li><a href="payment.html">Payment</a></li>
      <li><a href="contact.html">Contact</a></li>
    </ul>
  </div>
</div>
<div >
<center>
<table id="roundedcorners">
  <tr>
    <td colspan="2"><center><strong><h1 style="text-align:center;
color:#af4c5c;">Payment</h1></strong></center></td>
  </tr>
  <tr>
    <td><h4 style="color:#af4c5c">Card Number:</h4></td>
    <td><input type="text" placeholder="1111 1111 1111 1111"></td>
  </tr>
  <tr>
    <td><h4 style="color:#af4c5c">Card Holder's Name: </h4></td>
    <td><input type="text" placeholder="(e.g.)abc"></td>
  </tr>
  <tr>
    <td><h4 style="color:#af4c5c">Password: </h4></td>
    <td><input type="password" placeholder="*****"></td>
  </tr>
  <tr>
    <td><h4 style="color:#af4c5c">Expiration Date: </h4></td>
    <td><input type="date" style="color:gray;"></td>
  </tr>
  <tr>
    <td><h4 style="color:#af4c5c">CVV: </h4></td>
    <td style="color:white;"><input type="text" placeholder="999" style="width:50px;"></td>
  </tr>
</table>
</div>

```

```

        </tr>
    <tr>
        <td colspan="2">
            
            
            
        </td>
    </tr>
    <tr>
        <td colspan="2">&nbsp;</td>
    </tr>
    <tr>
        <td colspan="2"><form method="post" action="orderconfirm.html">
            <input type="submit" value="Make Payment" class="button" style="width:100%;"></form></td>
        </tr>
</table>
</center>
</div>
</body>
</html>

```

registration.html

```

<html>
<head>
<title>Registration</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;

```

```
}
```

```
li a {  
  display: inline-block;  
  color: white;  
  text-align: center;  
  padding: 14px 16px;  
  text-decoration: none;  
}
```

```
a:hover {  
  background-color: #4CAFFF;  
}
```

```
#roundedcorners {  
  border-radius: 25px;  
  border: 2px solid none;  
  padding: 20px;  
  width: 200px;  
  height: 150px;  
  background-color: none;  
  margin: 20px;  
  white-space: nowrap;  
  overflow: hidden;  
}
```

```
.center {  
  display: block;  
  margin-left: auto;  
  margin-right: auto;  
  width: 50%;  
}
```

```
.button {  
  background-color: white;  
  color: #4CAF50;  
  border: none;  
  padding: 15px 32px;  
  text-align: center;  
  text-decoration: none;  
  display: inline-block;  
  font-size: 16px;  
  margin-right: 0px;  
  border-radius: 55px;
```

```

}
h4{
font-size: 18px;
color: white;
}
h2{
color:white;
}
.menuleft:hover{
background-color: #4CAFFF;

}
.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}
td{
vertical-align: middle;
color: #4CAF50;
}
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}
.footer{
width: 100%;
height: 5%;
}

#roundedcorners td h4{
vertical-align: text-bottom;
}

#roundedcorners td{
vertical-align: text-bottom;
}
</style>
</head>

```

```

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
  <div class="menuleft" style="float:left;">
    <a href="registration.html" class="logo">
    <h2 style="float:left;">Automobile Showroom</h2>
    </a>
  </div>
  <div class="menuright" style="float:left;">
    <ul>
      <li><a href="homepage.html">Home</a></li>
      <li><a href="catalogue.html">Catalogue</a></li>
      <li><a href="registration.html">Register</a></li>
      <li><a href="shoppingcart.html"> Cart</a></li>
      <li><a href="payment.html">Payment</a></li>
      <li><a href="contact.html">Contact</a></li>
    </ul>
  </div>
</div>

<div>
<center><strong><h1 style="text-align:center; color:rgb(250, 249, 249);">New User? Register
Here.</h1></strong></center>
<center>
<table id="roundedcorners">
  <tr>
    <td><h2>Your name:</h2></td>
    <td><input type="text" placeholder="(e.g.) ABC"></td>
  </tr>
  <tr>
    <td><h2>Username: </h2></td>
    <td><input type="text" placeholder="(e.g.) ABC"></td>
  </tr>
  <tr>
    <td><h2>Password: </h2></td>
    <td><input type="password" placeholder="*****"></td>
  </tr>
  <tr>
    <td><h2>Password again: </h2></td>
    <td><input type="password"></td>
  </tr>
  <tr>
    <td><h2>Gender: </h2></td>
    <td style="color:white;"><input type="radio" value="male">Male <input type="radio"
value="female">Female</td>
  </tr>

```



```

<td><h2>Date of Birth: </h2></td>
    <td><input type="date" style="color:gray;"></td>
</tr>
<tr>
<td><h2>Address: </h2></td>
    <td><textarea placeholder="Optional..."></textarea></td>
</tr>
<tr>
<td><h2>Zipcode: </h2></td>
    <td><input type="text" placeholder="11111" maxlength="6"></td>
</tr>
<tr>
    <td colspan="2"><input type="button" value="Create your account" class="button"
style="width:100%;"></td>
</tr>
</table>
</center>
</div>
</body>
</html>

```

Registration with js validation.html

```

<html>
<head>
<title>Registration</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
.menuright ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

.menuright li {
float:left;
}

.menuright li a {

```

```
display: inline-block;
color: white;
text-align: center;
padding: 14px 16px;
text-decoration: none;
}

.menuright a:hover {
background-color: #4CAFFF;
}

.menuright div{
position: absolute;
visibility: hidden;
background: white;
border: 1px solid #4CAF50;
}

.menuright div a{
position: relative;
display: block;
padding 5px 10px;
width: auto;
text-align: left;
color: #4CAF50;
}

.menuright div a:hover{
color:white;
}

#roundedcorners {
border-radius: 25px;
border: 2px solid none;
padding: 20px;
width: 200px;
height: 150px;
background-color: none;
margin: 20px;
white-space: nowrap;
overflow: hidden;
}

.center {
```

```
display: block;
margin-left: auto;
margin-right: auto;
width: 50%;
}

.button {
    background-color: white;
    color: #4CAF50;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}
h4{
font-size: 18px;
color: white;
}
h2{
color:white;
}
.menuleft:hover{
    background-color: #4CAFFF;

}
.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}
td{
vertical-align: middle;
    color: #4CAF50;
}
body{
    font-family:sans-serif;
    background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
```

```
background-size: cover;
}
.footer{
width: 100%;
height: 5%;
}
```

```
#roundedcorners td h4{
    vertical-align: text-bottom;
}
```

```
#roundedcorners td{
    vertical-align: text-bottom;
}
```

```
</style>
```

```
<script type="text/javascript">
```

```
    var timeout = 500;
    var closeTimer = 0;
    var ddMenuItem = 0;
```

```
function check(helpermsg)
```

```
{
    var name = document.getElementById('req1');
    var username = document.getElementById('req2');
    var pwd = document.getElementById('comp1');
    var pwd2 = document.getElementById('comp2');
    var email = document.getElementById('email');
```

```
    if(username.value.charAt(0)=='a' || username.value.charAt(0)=='u')
    {
        name.focus();
        alert('Username should begin with '+'a or u');
        return false;
    }
```

```
    if(name.value.length==0)
    {
        name.focus();
        alert(helpermsg+'name');
        return false;
    }
```

```
    if(username.value.length==0)
    {
        username.focus();
```

```

        alert(helpermsg+'username');
        return false;
    }
    if(pwd.value!=pwd2.value||pwd.value=="")
    {
        alert('Passwords do not match');
        return false;
    }
}

function mOpen(id)
{
    var idd = ""+id;
    mCancelCloseTime();
    if(ddMenuItem)
        ddMenuItem.style.visibility='hidden';
    ddMenuItem=document.getElementById(idd);
    ddMenuItem.style.visibility='visible';
}

function mClose()
{
    if(ddMenuItem)
        ddMenuItem.style.visibility='hidden';
}

function mCloseTime()
{
    closeTimer = window.setTimeout(mClose,timeout);
}

function mCancelCloseTime()
{
    if(closeTimer)
    {
        window.clearTimeout(closeTimer);
        closeTimer=null;
    }
}

</script>
</head>

```

```

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
  <div class="menuleft" style="float:left;">
    <a href="registration.html" class="logo">
      <h2 style="float:left;">Book Store</h2>
    </a>
  </div>
  <div class="menuright" style="float:left;">
    <ul>
      <li><a
        href="homepage.html"
        onmouseover="mOpen('m1')"
onmouseout="mCloseTime()">Home</a>
        <div id="m1" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
          <a href="#">About Us</a>
          <a href="#">Mission</a>
          <a href="#">Vision</a>
          <a href="#">Contact Us</a>
        </div>
      </li>
      <li><a
        href="catalogue.html"
        onmouseover="mOpen('m2')"
onmouseout="mCloseTime()">Catalogue</a>
        <div id="m2" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
          <a href="#">About Us</a>
          <a href="#">Mission</a>
          <a href="#">Vision</a>
          <a href="#">Contact Us</a>
        </div>
      </li>
      <li><a
        href="registration.html"
        onmouseover="mOpen('m3')"
onmouseout="mCloseTime()">Register</a>
        <div id="m3" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
          <a href="#">About Us</a>
          <a href="#">Mission</a>
          <a href="#">Vision</a>
          <a href="#">Contact Us</a>
        </div>
      </li>
      <li><a
        href="shoppingcart.html"
        onmouseover="mOpen('m5')"
onmouseout="mCloseTime()">Shopping Cart</a>
        <div id="m5" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
          <a href="#">About Us</a>
          <a href="#">Mission</a>
          <a href="#">Vision</a>
          <a href="#">Contact Us</a>
        </div>
      </li>
    </ul>
  </div>
</div>

```



```

        </div>
    </li>
    <li><a href="payment.html">Payment</a></li>
</ul>
</div>
</div>

```

```

<div>
<center><strong><h1      style="text-align:center;      color:white;">New      User?      Register
Here.</h1></strong></center>
<center>
<form action="lo.php" >
<table id="roundedcorners">
    <tr>
        <td><h4>Your name:<span class="star" style="color:red">*</span></h4></td>
        <td><input type="text" placeholder="(e.g.) ABC" id="req1"></td>
    </tr>
    <tr>
        <td><h4>Username:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="text" placeholder="(e.g.) ABC" id="req2"></td>
    </tr>
    <tr>
        <td><h4>Email:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="text" placeholder="abc@gmail.com" id="email"></td>
    </tr>
    <tr>
        <td><h4>Password:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="password" placeholder="*****" id="comp1"></td>
    </tr>
    <tr>
        <td><h4>Confirm Password:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="password" placeholder="*****" id="comp2"></td>
    </tr>
    <tr>
        <td><h4>Gender:<span class="star" style="color:red">*</span> </h4></td>
        <td style="color:white;"><input type="radio" value="male">Male <input type="radio"
value="female">Female</td>
    </tr>
    <tr>
        <td><h4>Date of Birth:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="date" style="color:gray;"></td>
    </tr>
    <tr>
        <td><h4>Address:</h4></td>
        <td><textarea placeholder="Optional..."></textarea></td>
    </tr>

```

```

        </tr>
        <tr>
        <td><h4>Zipcode:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="text" placeholder="11111" maxlength="6"></td>
        </tr>
        <tr>
        <td colspan="2"><input type="button" onclick="return check('Please enter ')" value="Create your
Bookstore account" class="button" style="width:100%;"></td>
        </tr>
</table>
</form>
</center>

```

```

</body>
</html>

```

Shoppingcart.html

```

<html>
<head>
<title>Shopping Cart</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->

<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
.menu ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

.menu li {
float:left;
}

.menu li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;

```

```
    text-decoration: none;
}

.menu ul a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid white;
    padding: 20px;
    width: 200px;
    height: 150px;
    margin-bottom: 20px;
    margin-top: 100px;
    margin-right: 100px;
    float: right;
    background-color: white;
}

.button {
    background-color: white;
    border: none;
    color: #4CAF50;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

.button:hover{
    background-color: #4CAFFF;
    color: white;
}

h2{
    color:white;
}

.menuleft:hover{
    background-color: #4CAFFF;
```

```
}  
.menuleft{  
padding:0px 5px;  
}
```

```
body{  
font-family:sans-serif;  
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);  
background-position: center;  
background-size: cover;  
}
```

```
.footer{  
width: 100%;  
height: 5%;  
}
```

```
img{  
border:0;  
}  
::selection{  
color:#fff;  
background:#00a2ff;  
text-shadow:0 1px rgba(0,0,0,0.2);  
}  
header,  
nav,  
section,  
details,  
summary,  
article,  
footer{  
display:block;  
}  
a:hover{  
text-decoration:none;  
}
```

```
#content{  
margin:0 auto;  
padding-bottom:50px;  
width:280px;  
}
```

```

.shoppingCart{
  position:relative;
  margin-top:40px;
  overflow:hidden;
  color:#495860;
  color:hsla(201,14%,33%,0.8);
  border-radius:4px 4px 0 0;
  box-shadow:0 2px 3px 1px rgba(0,0,0,0);
  transition:all 0.4s;
}
.shoppingCart:hover{
  color:#495860;
  box-shadow:0 2px 4px 1px rgba(0,0,0,0.1);
}
.shoppingCart summary{
  padding:12px 16px 14px 16px;
  overflow:hidden;
  background:#222;
  background: linear-gradient(top,#4ca9e2 1%,#1d7cb7 100%);
  border-radius:4px 4px 0 0;
  box-shadow:inset 0 1px 0 #72b3d3, inset 0 -1px 0 #155f8e;
  height: 60px;
}
.shoppingCart h4{
  float:left;
  color:#d4f1ff;
  text-shadow:0 1px 0 rgba(0,0,0,0.4);
}
.shoppingCart:hover h4{
  color:#fff;
}
.arrow{
  float:right;
  width:0;
  height:0;
  margin-top:7px;
  border-right:4px solid transparent;
  border-bottom:4px solid hsla(200,17%,93%,0.5);
  border-left:4px solid transparent;
  transition:all 0.5s;
}
.shoppingCart:hover .arrow{
  border-bottom-color:hsla(200,17%,93%,1);
  transform:rotate(-180deg);
}

```

```

    }
.shoppingCart ul{
    list-style:none;
    position:relative;
    display:block;
}
.shoppingCart li{
    padding:0 15px;
    overflow:hidden;
    height:0px;
    background:#fff;
    transition:all 0.3s;
}
.shoppingCart: hover li{
    height:auto;
    padding:10px 15px;
    border-bottom:1px solid rgba(0,0,0,0.1);
    box-shadow:inset 0 1px 0 #fff;
}
.shoppingCart: hover li: hover{
    text-shadow:0 -1px #fff;
    box-shadow:inset 0 15px 20px #eee;
}
.shoppingCart li a{
    color:#495860;
    text-decoration:none;
    border-color:#666;
    border-bottom:1px dotted rgba(0,0,0,0.6);
}
.shoppingCart li a: hover{
    border:0;
}
.shoppingCart li span{
    display:block;
    float:left;
}
.shoppingCart li strong{
    display:block;
    float:right;
}
.shoppingCart p{
    padding:12px 16px 14px 16px;
    overflow:hidden;
    background:#fff;

```



```

        transition:background 0.2s;
    }
    .shoppingCart:hover p{
        text-shadow:0 -1px #fff;
        background:#eee;
    }
    .shoppingCart p span{
        display:block;
    }
    .shoppingCart p span:first-child{
        float:left;
    }
    .shoppingCart:hover p span:first-child{
        display:none;
    }
    .shoppingCart p span:last-child{
        float:right;
    }

```

```

td{
vertical-align: middle;
color: white;
padding-top: 10px;
padding-right: 30px;
}

```

```

.textm{
text-align: center;
white-space: nowrap;
overflow: hidden;
}

```

```

li span{
width: 100%;
}

```

```

</style>
</head>

```

```

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration.html" class="logo">

```

```

<h2 style="float:left;">Automobile Showroom</h2>
</a>
</div>
<div class="menuright" style="float:left;">
<ul>
    <li><a href="homepage.html" id="menufirstelement">Home</a></li>
    <li><a href="catalogue.html">Catalogue</a></li>
    <li><a href="registration.html">Register</a></li>
    <li><a href="shoppingcart.html">Cart</a></li>
    <li><a href="payment.html">Payment</a></li>
    <li><a href="contact.html">Contact</a></li>
</ul>
</div>
</div>
<center>

<h1 style="color:white;margin-bottom:30px;">Products in Cart:</h1>
<div style="display:inline-block;width:100%;height:300px;">
<h3 style="color:whitesmoke"> No products available</h3>
</div>
</center>

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

```

Split_db.py

```

import sqlite3
conn = sqlite3.connect('student_database.db')
print("Opened database successfully")
conn.execute('CREATE TABLE customers ( username TEXT, email TEXT, password TEXT )')
print("Table created successfully")
conn.close()

app.py
from flask import Flask,render_template, flash,redirect, url_for,request
import sqlite3 as sql
app = Flask(__name__)
app.secret_key="HIII"

```

```

@app.route("/")
def homepage():
    return render_template("homepage.html")

@app.route("/catalogue")
def catalogue():
    return render_template("catalogue.html")

@app.route("/orderconfirmed")
def orderconfirmed():
    return render_template("orderconfirmed.html")

@app.route("/payment")
def payment():
    return render_template("payment.html")

@app.route("/registration_with_js_validation")
def registration_with_js_validation():
    return render_template("registration_with_js_validation.html")

@app.route("/registration")
def registration():
    return render_template("registration.html")

@app.route("/shoppingcart")
def shoppingcart():
    return render_template("shoppingcart.html")

@app.route('/data',methods = ['POST', 'GET'])
def data():
    if request.method == 'POST':
        try:
            username = request.form['username']
            email = request.form['email']
            password = request.form['password']
            with sql.connect("student_database.db") as con:
                cur = con.cursor()
                cur.execute("INSERT INTO students (username,email,password) VALUES
(?,?,?),(username,email,password) )
                con.commit()
                msg = "Record successfully added!"
        except:
            con.rollback()
            msg = "error in insert operation"
        finally:
            return render_template("List.html",msg = msg)
            con.close()

```

```

@app.route('/list')
def list():
    con = sql.connect("student_database.db")
    con.row_factory = sql.Row

    cur = con.cursor()
    cur.execute("select * from students")

    students = cur.fetchall()
    return render_template("List.html", students = students)

if __name__ == '__main__':
    app.run(debug = True)

```

Sprint-3

Contact.html

```

<html>
<title>Contact</title>
<link rel="stylesheet" href="contact.css">
<div class="card">
    <h2>Contact Us</h2>
    <div class="row">
        <div class="col">
            <div class="form-group">
                <label>First Name</label>
                <input type="text">
            </div>
        </div>

        <div class="col">
            <div class="form-group">
                <label>Surname</label>
                <input type="text">
            </div>
        </div>

        <div class="col">
            <div class="form-group">
                <label>Email</label>
                <input type="text">
            </div>
        </div>
    </div>

```

```

</div>

<div class="col">
  <div class="form-group">
    <label>Phone</label>
    <input type="text">
  </div>
</div>

<div class="col">
  <div class="form-group">
    <label>Message</label>
    <textarea></textarea>
  </div>
</div>

<div class="col">
  <input type="submit" value="Submit">
</div>
</div>
</div>
</html>

```

List.html

```

<!doctype html>
<html>
  <body>

    <a href="/"><button >Home</button></a>
    <br><hr>

    {{ msg }}

    <table border = 1>
      <thead>
        <td>Username</td>
        <td>Email</td>
        <td>Password</td>

      </thead>

      {% for row in students %}
        <tr>

```

```

        <td> {{ row["Username"] }}</td>
        <td> {{ row["Email"] }}</td>
        <td> {{ row["Password"] }}</td>

    </tr>
    {% endfor %}
</table>
</body>
</html>

```

catalogue.html

```

<html>
<head>
<title>Book Catalogue</title>
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

.menu li {
float:left;
}

.menu li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

```

```

h2{
  color:white;
}
.menuleft:hover{
  background-color: #4CAFFF;

}
.menuleft{
  padding:0px 5px;
}

body{
  font-family:sans-serif;
  background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-
3.jpg);
  background-position: center;
  background-size: cover;
}
.button {
  background-color: white;
  color: #4CAF50;
  border: none;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  margin-right: 0px;
  border-radius: 55px;
}

.required-tracking li a{
  display: flex;
  color: white;
  text-align:justify;
  padding:16px;
  text-decoration: none;
  font-weight: 500;
}
.button:hover{
  background-color: #4CAFFF;
  color:white;
}

```

```

.footer{
width: 100%;
height: 5%;
}

</style>
</head>

<body bgcolor="#4CAF50">

<div class="menu" style="float:top; width: 100%; height:11%;">
  <div class="menuleft" style="float:left;">
    <a href="registration_with_js_validation.html" class="logo">
    <h2 style="float:left;">Automobile Showroom</h2>
    </a>
  </div>
  <div class="menuright" style="float:left;">
    <ul>
      <li><a href="homepage.html" id="menufirstelement">Home</a></li>
      <li><a href="catalogue.html">Catalogue</a></li>
      <li><a href="registration_with_js_validation.html">Register</a></li>
      <li><a href="shoppingcard.html">Cart</a></li>
      <li><a href="payment.html">Payment</a></li>
      <li><a href="contact.html">Contact</a></li>
    </ul>
  </div>
</div>
<div class="full" style="float:center;display:inline;">
<div class="scrollable menu-content" style="float:left; width:30%;">
  <ul class="required-tracking" data-tracking-id="clp_books_clp/CategoryList_0-
1_catargorylinks" >
    <li> <a href="#">Interior Dealing</a></li>
    <li> <a href="#">Exterior Dealing</a></li>
    <li> <a href="#">Classic Rejuvenation</a></li>
    <li> <a href="#">Exotic Car and show prep</a></li>
    <li> <a href="#">Tire and Wheel shine</a></li>
    <li> <a href="#">Minor repairs</a></li>
    <li> <a href="#">Retail showroom and Catalog sales</a></li>
  </ul>
</div>
</body>
</html>

```


homepage.html

```
<html>
<head>
<title>Home</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid white;
    padding: 20px;
    width: 200px;
    height: 150px;
    margin-bottom: 20px;
    margin-top: 100px;
    margin-right: 100px;
```

```

float: right;
background-color: white;
}

.button {
background-color: #4CAF50;
border: none;
color: white;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin-right: 0px;
border-radius: 55px;
}
h4{
font-size: 18px;
color: #4CAF50;
}
h2{
color:white;
}
.menuleft:hover{
background-color: #4CAFFF;

}
.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}

th{
color:#4CAF50;
font-size: 24px;
font-weight: bold;
}
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);

```

```

background-position: center;
background-size: cover;
}

.footer{
width: 100%;
height: 5%;
}

.button:hover{
background-color: #4CAFFF;
}
</style>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
  <div class="menuleft" style="float:left;">
    <a href="registration_with_js_validation.html" class="logo">
    <h2 style="float:left;">Automobile Showroom</h2>
    </a>
  </div>
  <div class="menuright" style="float:left;">
    <ul>
      <li><a href="homepage.html" id="menufirstelement">Home</a></li>
      <li><a href="catalogue.html">Catalogue</a></li>
      <li><a href="shoppingcart.html"> Cart</a></li>
      <li><a href="payment.html">Payment</a></li>
      <li><a href="contact.html">Contact</a></li>
    </ul>
  </div>
</div>
<p><center><h1 style="color:whitesmoke">WELCOME TO OUR WEBSITE :)
</h1></center></p>

</body>
</html>

```

Orderconfirmed.html

```

<html>
<head>
<title>Order Confirmed</title>
<!--<link rel="stylesheet" type="text/css" href="registration_with_js_validation.css">-->

```

```
<link href='https://fonts.googleapis.com/css?family=Montserrat:700' rel='stylesheet' type='text/css'>
<style>
```

```
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
```

```
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}
```

```
li {
float:left;
}
```

```
li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}
```

```
a:hover {
    background-color: #4CAFFF;
}
```

```
#roundedcorners {
    border-radius: 25px;
    border: 2px solid white;
    padding: 20px;
    width: 200px;
    height: 150px;
    margin-bottom: 20px;
    margin-top: 100px;
    margin-right: 100px;
    float: right;
    background-color: white;
}
```

```
.button {
```

```
background-color: #4CAF50;
border: none;
color: white;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin-right: 0px;
border-radius: 55px;
}
h4{
font-size: 18px;
color: #4CAF50;
}
h2{
color:white;
}
.menuleft:hover{
background-color: #4CAFFF;

}
.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}

th{
color:#4CAF50;
font-size: 24px;
font-weight: bold;
border-style:
}
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}

.footer{
```

```
width: 100%;  
height: 5%;  
}
```

```
.button:hover{  
    background-color: #4CAFFF;  
}  
.login{  
    background-color: none;  
    border-radius: 280px 20px;  
    font-family: 'Montserrat', sans-serif;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="menu" style="float:top; width: 100%; height:11%;">
```

```
    <div class="menuleft" style="float:left;">
```

```
        <a href="registration_with_js_validation.html" class="logo">
```

```
        <h2 style="float:left;">Automobile Showroom</h2>
```

```
    </a>
```

```
    </div>
```

```
    <div class="menuright" style="float:left;">
```

```
        <ul>
```

```
            <li><a href="homepage.html" id="menufirstelement">Home</a></li>
```

```
            <li><a href="catalogue.html">Catalogue</a></li>
```

```
            <li><a href="registration_with_js_validation.html">Register</a></li>
```

```
            <li><a href="userpro.html">Profile</a></li>
```

```
            <li><a href="shoppingcart.html"> Cart</a></li>
```

```
            <li><a href="payment.html">Payment</a></li>
```

```
            <li><a href="contact.html">Contact</a></li>
```

```
        </ul>
```

```
    </div>
```

```
</div>
```

```
<center>
```

```
<div class="login" style="width: 90%; height:59%;">
```

```
    <center>
```

```
        <h1 style="color:whitesmoke">Congratulations, your order has</h1>
```

```
        <h1 style="color:whitesmoke">been confirmed!</h1>
```

```
    </center>
```

```
</div>
```

```
</center>
```

```
</body>
```

```
</html>
```

Payment.html

```
<html>
<head>
<title>Payment</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid none;
    padding: 20px;
    width: 200px;
    height: 150px;
    background-color: white;
    margin: 20px;
    white-space: nowrap;
```

```
        overflow: hidden;
    }

.button {
    background-color: #4CAF50;
    color: white;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

.button:hover{
    background-color: #4CAFFF;
    color: white;
}

h4{
font-size: 18px;
color: #4CAF50;
}

h2{
color:white;
}

.menuleft:hover{
    background-color: #4CAFFF;

}

.menuleft{
padding:0px 5px;
}

h4{
display: block;
padding: 3px 10px;
}

td{
vertical-align: middle;
    color: #4CAF50;
}

body{
    font-family:sans-serif;
    background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
```



```
background-position: center;
background-size: cover;
}
.footer{
width: 100%;
height: 5%;
}
```

```
#roundedcorners td h4{
    vertical-align: text-bottom;
}
```

```
#roundedcorners td{
    vertical-align: text-bottom;
}
.paymentIcons{
    margin-right: 55px;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="menu" style="float:top; width: 100%; height:11%;">
```

```
    <div class="menuleft" style="float:left;">
```

```
        <a href="registration_with_js_validation.html" class="logo">
```

```
        <h2 style="float:left;">Automobile Showroom</h2>
```

```
    </a>
```

```
    </div>
```

```
    <div class="menuright" style="float:left;">
```

```
        <ul>
```

```
            <li><a href="homepage.html">Home</a></li>
```

```
            <li><a href="catalogue.html">Catalogue</a></li>
```

```
            <li><a href="registration_with_js_validation.html">Register</a></li>
```

```
            <li><a href="userpro.html">Profile</a></li>
```

```
            <li><a href="shoppingcart.html"> Cart</a></li>
```

```
            <li><a href="payment.html">Payment</a></li>
```

```
            <li><a href="contact.html">Contact</a></li>
```

```
        </ul>
```

```
    </div>
```

```
</div>
```

```
<div >
```

```
<center>
```

```
<table id="roundedcorners">
```

```
    <tr>
```

```

        <td colspan="2"><center><strong><h1
style="text-align:center;
color:#af4c5c;">Payment</h1></strong></center></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">Card Number:</h4></td>
        <td><input type="text" placeholder="1111 1111 1111 1111"></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">Card Holder's Name: </h4></td>
        <td><input type="text" placeholder="(e.g.)abc"></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">Password: </h4></td>
        <td><input type="password" placeholder="*****"></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">Expiration Date: </h4></td>
        <td><input type="date" style="color:gray;"></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">CVV: </h4></td>
        <td style="color:white;"><input type="text" placeholder="999" style="width:50px;"></td>
    </tr>
    <tr>
        <td colspan="2">
            
            
            
        </td>
    </tr>
    <tr>
        <td colspan="2">&nbsp;</td>
    </tr>
    <tr>
        <td colspan="2"><form method="post" action="orderconfirm.html">
            <input type="submit" value="Make Payment" class="button" style="width:100%;"></form></td>
        </tr>
</table>
</center>
</div>
</body>

```

</html>

registration.html

```
<html>
<head>
<title>Registration</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid none;
    padding: 20px;
    width: 200px;
    height: 150px;
    background-color: none;
    margin: 20px;
```

```
    white-space: nowrap;
    overflow: hidden;
}

.center {
    display: block;
    margin-left: auto;
    margin-right: auto;
    width: 50%;
}

.button {
    background-color: white;
    color: #4CAF50;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

h4{
font-size: 18px;
color: white;
}

h2{
color:white;
}

.menuleft:hover{
    background-color: #4CAFFF;

}

.menuleft{
padding:0px 5px;
}

h4{
display: block;
padding: 3px 10px;
}

td{
vertical-align: middle;
    color: #4CAF50;
```

```

}
body{
    font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}
.footer{
width: 100%;
height: 5%;
}

```

```

#roundedcorners td h4{
    vertical-align: text-bottom;
}

```

```

#roundedcorners td{
    vertical-align: text-bottom;
}

```

```

</style>

```

```

</head>

```

```

<body>

```

```

<div class="menu" style="float:top; width: 100%; height:11%;">

```

```

    <div class="menuleft" style="float:left;">

```

```

        <a href="registration.html" class="logo">

```

```

        <h2 style="float:left;">Automobile Showroom</h2>

```

```

        </a>

```

```

    </div>

```

```

    <div class="menuright" style="float:left;">

```

```

        <ul>

```

```

            <li><a href="homepage.html">Home</a></li>

```

```

            <li><a href="catalogue.html">Catalogue</a></li>

```

```

            <li><a href="registration.html">Register</a></li>

```

```

            <li><a href="shoppingcart.html"> Cart</a></li>

```

```

            <li><a href="payment.html">Payment</a></li>

```

```

            <li><a href="contact.html">Contact</a></li>

```

```

        </ul>

```

```

    </div>

```

```

</div>

```

```

<div>

```

```

<center><strong><h1 style="text-align:center; color:rgb(250, 249, 249);">New User? Register
Here.</h1></strong></center>

```

```

<center>
<table id="roundedcorners">
  <tr>
    <td><h2>Your name:</h2></td>
    <td><input type="text" placeholder="(e.g.) ABC"></td>
  </tr>
  <tr>
    <td><h2>Username: </h2></td>
    <td><input type="text" placeholder="(e.g.) ABC"></td>
  </tr>
  <tr>
    <td><h2>Password: </h2></td>
    <td><input type="password" placeholder="*****"></td>
  </tr>
  <tr>
    <td><h2>Password again: </h2></td>
    <td><input type="password"></td>
  </tr>
  <tr>
    <td><td><h2>Gender: </h2></td>
    <td style="color:white;"><input type="radio" value="male">Male <input type="radio"
value="female">Female</td>
  </tr>
  <tr>
    <td><h2>Date of Birth: </h2></td>
    <td><input type="date" style="color:gray;"></td>
  </tr>
  <tr>
    <td><h2>Address: </h2></td>
    <td><textarea placeholder="Optional..."></textarea></td>
  </tr>
  <tr>
    <td><h2>Zipcode: </h2></td>
    <td><input type="text" placeholder="111111" maxlength="6"></td>
  </tr>
  <tr>
    <td colspan="2"><input type="button" value="Create your account" class="button"
style="width:100%;"></td>
  </tr>
</table>
</center>
</div>
</body>
</html>

```

Registration with js validation.html

```
<html>
<head>
<title>Registration</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
.menuright ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

.menuright li {
float:left;
}

.menuright li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

.menuright a:hover {
    background-color: #4CAFFF;
}

.menuright div{
    position: absolute;
    visibility: hidden;
    background: white;
    border: 1px solid #4CAF50;
}

.menuright div a{
    position: relative;
    display: block;
    padding 5px 10px;
```

```
width: auto;
text-align: left;
color: #4CAF50;
}

.menuright div a:hover{
    color:white;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid none;
    padding: 20px;
    width: 200px;
    height: 150px;
    background-color: none;
    margin: 20px;
    white-space: nowrap;
    overflow: hidden;
}

.center {
    display: block;
    margin-left: auto;
    margin-right: auto;
    width: 50%;
}

.button {
    background-color: white;
    color: #4CAF50;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

h4{
font-size: 18px;
color: white;
}
```



```

h2{
  color:white;
}
.menuleft:hover{
  background-color: #4CAFFF;

}
.menuleft{
  padding:0px 5px;
}
h4{
  display: block;
  padding: 3px 10px;
}
td{
  vertical-align: middle;
  color: #4CAF50;
}
body{
  font-family:sans-serif;
  background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
  background-position: center;
  background-size: cover;
}
.footer{
  width: 100%;
  height: 5%;
}

#roundedcorners td h4{
  vertical-align: text-bottom;
}

#roundedcorners td{
  vertical-align: text-bottom;
}
</style>
<script type="text/javascript">
  var timeout = 500;
  var closeTimer = 0;
  var ddMenuItem = 0;

  function check(helpermsg)
  {

```

```

var name = document.getElementById('req1');
var username = document.getElementById('req2');
var pwd = document.getElementById('comp1');
var pwd2 = document.getElementById('comp2');
var email = document.getElementById('email');

if(username.value.charAt(0)=='a' || username.value.charAt(0)=='u')
{
    name.focus();
    alert('Username should begin with '+a or u');
    return false;
}

if(name.value.length==0)
{
    name.focus();
    alert(helpermsg+'name');
    return false;
}
if(username.value.length==0)
{
    username.focus();
    alert(helpermsg+'username');
    return false;
}
if(pwd.value!=pwd2.value || pwd.value=="")
{
    alert('Passwords do not match');
    return false;
}

}

function mOpen(id)
{
    var idd = ""+id;
    mCancelCloseTime();
    if(ddMenuItem)
        ddMenuItem.style.visibility='hidden';
    ddMenuItem=document.getElementById(idd);
    ddMenuItem.style.visibility='visible';
}

```

```

function mClose()
{
    if(ddMenuItem)
        ddMenuItem.style.visibility='hidden';
}

function mCloseTime()
{
    closeTimer = window.setTimeout(mClose,timeout);
}

function mCancelCloseTime()
{
    if(closeTimer)
    {
        window.clearTimeout(closeTimer);
        closeTimer=null;
    }
}

</script>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration.html" class="logo">
            <h2 style="float:left;">Book Store</h2>
        </a>
    </div>
    <div class="menuright" style="float:left;">
        <ul>
            <li><a href="homepage.html" onmouseover="mOpen('m1')"
onmouseout="mCloseTime()">Home</a>
                <div id="m1" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
                    <a href="#">About Us</a>
                    <a href="#">Mission</a>
                    <a href="#">Vision</a>
                    <a href="#">Contact Us</a>
                </div>
            </li>
            <li><a href="catalogue.html" onmouseover="mOpen('m2')"
onmouseout="mCloseTime()">Catalogue</a>
                <div id="m2" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">

```

```

        <a href="#">About Us</a>
        <a href="#">Mission</a>
        <a href="#">Vision</a>
        <a href="#">Contact Us</a>
    </div>
</li>
<li><a
                href="registration.html"
                onmouseover="mOpen('m3')"
onmouseout="mCloseTime()">Register</a>
        <div id="m3" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
            <a href="#">About Us</a>
            <a href="#">Mission</a>
            <a href="#">Vision</a>
            <a href="#">Contact Us</a>
        </div>
    </li>
<li><a
                href="shoppingcart.html"
                onmouseover="mOpen('m5')"
onmouseout="mCloseTime()">Shopping Cart</a>
        <div id="m5" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
            <a href="#">About Us</a>
            <a href="#">Mission</a>
            <a href="#">Vision</a>
            <a href="#">Contact Us</a>
        </div>
    </li>
<li><a href="payment.html">Payment</a></li>
</ul>
</div>
</div>

```

```

<div>
<center><strong><h1
    style="text-align:center;
    color:white;">New
    User?
    Register
Here.</h1></strong></center>
<center>
<form action="lo.php" >
<table id="roundedcorners">
    <tr>
        <td><h4>Your name:<span class="star" style="color:red">*</span></h4></td>
        <td><input type="text" placeholder="(e.g.) ABC" id="req1"></td>
    </tr>
    <tr>
        <td><h4>Username:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="text" placeholder="(e.g.) ABC" id="req2"></td>
    </tr>

```

```

        <td><h4>Email:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="text" placeholder="abc@gmail.com" id="email"></td>
    </tr>
    <tr>
        <td><h4>Password:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="password" placeholder="*****" id="comp1"></td>
    </tr>
    <tr>
        <td><h4>Confirm Password:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="password" placeholder="*****" id="comp2"></td>
    </tr>
    <tr>
        <td><h4>Gender:<span class="star" style="color:red">*</span> </h4></td>
        <td style="color:white;"><input type="radio" value="male">Male <input type="radio"
value="female">Female</td>
    </tr>
    <tr>
        <td><h4>Date of Birth:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="date" style="color:gray;"></td>
    </tr>
    <tr>
        <td><h4>Address:</h4></td>
        <td><textarea placeholder="Optional..."></textarea></td>
    </tr>
    <tr>
        <td><h4>Zipcode:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="text" placeholder="111111" maxlength="6"></td>
    </tr>
    <tr>
        <td colspan="2"><input type="button" onclick="return check('Please enter ')" value="Create your
Bookstore account" class="button" style="width:100%;"></td>
    </tr>
</table>
</form>
</center>
</body>
</html>

```

Shoppingcart.html

```

<html>
<head>
<title>Shopping Cart</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->

```

```
<style>
.menu{
  background-color: #131413;
  padding: 0px;
  margin: 0px;
  border-radius: 15px;
}
.menu ul {
  list-style-type: none;
  overflow: hidden;
  background-color: #131413;
}

.menu li {
float:left;
}

.menu li a {
  display: inline-block;
  color: white;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
}

.menu ul a:hover {
  background-color: #4CAFFF;
}

#roundedcorners {
  border-radius: 25px;
  border: 2px solid white;
  padding: 20px;
  width: 200px;
  height: 150px;
  margin-bottom: 20px;
  margin-top: 100px;
  margin-right: 100px;
  float: right;
  background-color: white;
}

.button {
  background-color: white;
```

```
border: none;
color: #4CAF50;
padding: 15px 32px;
text-align: center;
text-decoration: none;
display: inline-block;
font-size: 16px;
margin-right: 0px;
border-radius: 55px;
}

.button:hover{
background-color: #4CAFFF;
color: white;
}

h2{
color:white;
}

.menuleft:hover{
background-color: #4CAFFF;
}

.menuleft{
padding:0px 5px;
}

body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}

.footer{
width: 100%;
height: 5%;
}

img{
border:0;
}

::selection{
```

```

    color:#fff;
    background:#00a2ff;
    text-shadow:0 1px rgba(0,0,0,0.2);
}
header,
nav,
section,
details,
summary,
article,
footer{
    display:block;
}
a:hover{
    text-decoration:none;
}

#content{
    margin:0 auto;
    padding-bottom:50px;
    width:280px;
}

.shoppingCart{
    position:relative;
    margin-top:40px;
    overflow:hidden;
    color:#495860;
    color:hsla(201,14%,33%,0.8);
    border-radius:4px 4px 0 0;
    box-shadow:0 2px 3px 1px rgba(0,0,0,0);
    transition:all 0.4s;
}

.shoppingCart:hover{
    color:#495860;
    box-shadow:0 2px 4px 1px rgba(0,0,0,0.1);
}

.shoppingCart summary{
    padding:12px 16px 14px 16px;
    overflow:hidden;
    background:#222;
    background: linear-gradient(top,#4ca9e2 1%,#1d7cb7 100%);
    border-radius:4px 4px 0 0;
    box-shadow:inset 0 1px 0 #72b3d3, inset 0 -1px 0 #155f8e;
    height: 60px;

```



```

}
.shoppingCart h4{
  float:left;
  color:#d4f1ff;
  text-shadow:0 1px 0 rgba(0,0,0,0.4);
}
.shoppingCart:hover h4{
  color:#fff;
}
.arrow{
  float:right;
  width:0;
  height:0;
  margin-top:7px;
  border-right:4px solid transparent;
  border-bottom:4px solid hsla(200,17%,93%,0.5);
  border-left:4px solid transparent;
  transition:all 0.5s;
}
.shoppingCart:hover .arrow{
  border-bottom-color:hsla(200,17%,93%,1);
  transform:rotate(-180deg);
}
.shoppingCart ul{
  list-style:none;
  position:relative;
  display:block;
}
.shoppingCart li{
  padding:0 15px;
  overflow:hidden;
  height:0px;
  background:#fff;
  transition:all 0.3s;
}
.shoppingCart:hover li{
  height:auto;
  padding:10px 15px;
  border-bottom:1px solid rgba(0,0,0,0.1);
  box-shadow:inset 0 1px 0 #fff;
}
.shoppingCart:hover li:hover{
  text-shadow:0 -1px #fff;
  box-shadow:inset 0 15px 20px #eee;
}

```

```

    }
    .shoppingCart li a{
        color:#495860;
        text-decoration:none;
        border-color:#666;
        border-bottom:1px dotted rgba(0,0,0,0.6);
    }
    .shoppingCart li a:hover{
        border:0;
    }
    .shoppingCart li span{
        display:block;
        float:left;
    }
    .shoppingCart li strong{
        display:block;
        float:right;
    }
    .shoppingCart p{
        padding:12px 16px 14px 16px;
        overflow:hidden;
        background:#fff;
        transition:background 0.2s;
    }
    .shoppingCart:hover p{
        text-shadow:0 -1px #fff;
        background:#eee;
    }
    .shoppingCart p span{
        display:block;
    }
    .shoppingCart p span:first-child{
        float:left;
    }
    .shoppingCart:hover p span:first-child{
        display:none;
    }
    .shoppingCart p span:last-child{
        float:right;
    }

```

```
td{
```

```
vertical-align: middle;
color: white;
padding-top: 10px;
padding-right: 30px;
}
```

```
.textm{
text-align: center;
white-space: nowrap;
overflow: hidden;
}
```

```
li span{
width: 100%;
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="menu" style="float:top; width: 100%; height:11%;">
```

```
  <div class="menuleft" style="float:left;">
```

```
    <a href="registration.html" class="logo">
```

```
    <h2 style="float:left;">Automobile Showroom</h2>
```

```
    </a>
```

```
  </div>
```

```
  <div class="menuright" style="float:left;">
```

```
    <ul>
```

```
      <li><a href="homepage.html" id="menufirstelement">Home</a></li>
```

```
      <li><a href="catalogue.html">Catalogue</a></li>
```

```
      <li><a href="registration.html">Register</a></li>
```

```
      <li><a href="shoppingcart.html">Cart</a></li>
```

```
      <li><a href="payment.html">Payment</a></li>
```

```
      <li><a href="contact.html">Contact</a></li>
```

```
    </ul>
```

```
  </div>
```

```
</div>
```

```
<center>
```

```
<h1 style="color:white;margin-bottom:30px;">Products in Cart:</h1>
```

```
<div style="display:inline-block;width:100%;height:300px;">
```

```
<h3 style="color:whitesmoke"> No products available</h3>
```

```
</div>
```

```
</center>
```

```
</div>
```

```
</body>
```

```
</html>
```

Split_db.py

```
import sqlite3
conn = sqlite3.connect('student_database.db')
print("Opened database successfully")
conn.execute('CREATE TABLE customers ( username TEXT, email TEXT, password TEXT )')
print("Table created successfully")
conn.close()
```

app.py

```
from flask import Flask,render_template, flash,redirect, url_for,request
import sqlite3 as sql
app = Flask(__name__)
app.secret_key="HIII"

@app.route("/")
def homepage():
    return render_template("homepage.html")

@app.route("/catalogue")
def catalogue():
    return render_template("catalogue.html")

@app.route("/orderconfirmed")
def orderconfirmed():
    return render_template("orderconfirmed.html")

@app.route("/contact")
def contact():
    return render_template("contact.html")

@app.route("/payment")
def payment():
    return render_template("payment.html")

@app.route("/registration_with_js_validation")
def registration_with_js_validation():
    return render_template("registration_with_js_validation.html")

@app.route("/registration")
def registration():
    return render_template("registration.html")

@app.route("/shoppingcart")
def shoppingcart():
    return render_template("shoppingcart.html")

@app.route('/data',methods = ['POST', 'GET'])
```

```

def data():
    if request.method == 'POST':
        try:
            username = request.form['username']
            email = request.form['email']
            password = request.form['password']
            with sql.connect("student_database.db") as con:
                cur = con.cursor()
                cur.execute("INSERT INTO students (username,email,password) VALUES
(?,?,?),(username,email,password) )
                con.commit()
                msg = "Record successfully added!"
        except:
            con.rollback()
            msg = "error in insert operation"
        finally:
            return render_template("List.html",msg = msg)
            con.close()

@app.route('/list')
def list():
    con = sql.connect("student_database.db")
    con.row_factory = sql.Row

    cur = con.cursor()
    cur.execute("select * from students")

    students = cur.fetchall()
    return render_template("List.html", students = students)

if __name__ == '__main__':
    app.run(debug = True)

```

Contact.css

```

* {
    margin: 0;
    padding: 0;
    border-size: border-box;
}

html, body {
    height: 100vh;
    background: #666666;
}

```

```
font-family: 'Balsamiq Sans', sans-serif;
}
```

```
body {
  display: flex;
  align-items: center;
  justify-content: center;
  background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
  background-position: center;
  background-size: cover;
}
```

```
.card {
  height: 50%;
  width: 50%;
  padding: 30px 90px 90px 90px;
  border: 6px solid rgba(0, 0, 0, 0.3);
  box-shadow: 20px 20px 0 rgba(0, 0, 0, 0.3);
  border-radius: 50px;
  position: relative;
}
```

```
.card h2 {
  color: white;
  font-size: 40px;
  text-transform: uppercase;
}
```

```
.card .row {
  position: relative;
  width: 100%;
  display: grid;
  grid: auto / auto auto;
  grid-template-columns: repeat(auto-fit,minmax(40%, 1fr));
  grid-gap: 20px;
}
```

```
.card .row .col {
  position: relative;
  width: 100%;
  margin: 30px 20px 40px 0;
  transition: 0.5s;
}
```

```
.card .row .form-group {
```

```
position: relative;
width: 100%;
height: 10px;
color: white;
}
```

```
.card .row .form-group input,
.card .row .form-group textarea {
position: absolute;
width: 90%;
height: 100%;
background-color: white;
outline: none;
font-size: 24px;
padding: 10px 0 10px 20px;
border: 5px solid rgba(0, 0, 0, 0.3);
box-shadow: 10px 10px 0 rgba(0, 0, 0, 0.3);
color: white;
border-radius: 50px;
}
```

```
.card .row .form-group label {
line-height: 40px;
color: white;
font-size: 24px;
margin: 0 0 0 30px;
display: block;
pointer-events: none;
}
```

```
.row .col:nth-child(6) {
margin-top: 64px;
}
```

```
.card .row .form-group input:focus,
.card .row .form-group textarea:focus {
border: 5px solid #ffffff;
transition: all 0.5s;
}
```

```
.card .row input[type="submit"] {
border: 5px solid rgba(0, 0, 0, 0.3);
box-shadow: 10px 10px 0 rgba(0, 0, 0, 0.3);
padding: 10px;
```

```
height: 100%;
width: 50%;
cursor: pointer;
outline: none;
background: transparent;
text-transform: uppercase;
color: white;
line-height: 40px;
font-size: 24px;
font-weight: 700;
border-radius: 45px;
transition: all 0.4s;
}
```

```
.card .row input[type="submit"]:hover {
border: 5px solid rgba(255, 255, 255, 1);
color: black;
transition: all 0.4s;
}
```

```
@media screen and (max-width: 900px) {
.card .row {
grid-template-columns: repeat(auto-fit,minmax(70%, 1fr));
}
```

```
.card {
padding: 20px;
}
```

```
.card h2 {
font-size: 34px;
}
```

```
.card .row input[type="submit"] {
width: 100%;
}
}
```

Sprint-4

Contact.html

```
<html>
<title>Contact</title>
```



```
<link rel="stylesheet" href="contact.css">
<div class="card">
  <h2>Contact Us</h2>
  <div class="row">
    <div class="col">
      <div class="form-group">
        <label>First Name</label>
        <input type="text">
      </div>
    </div>

    <div class="col">
      <div class="form-group">
        <label>Surname</label>
        <input type="text">
      </div>
    </div>

    <div class="col">
      <div class="form-group">
        <label>Email</label>
        <input type="text">
      </div>
    </div>

    <div class="col">
      <div class="form-group">
        <label>Phone</label>
        <input type="text">
      </div>
    </div>

    <div class="col">
      <div class="form-group">
        <label>Message</label>
        <textarea></textarea>
      </div>
    </div>

    <div class="col">
      <input type="submit" value="Submit">
    </div>
  </div>
</div>
</html>
```

List.html

```

<!doctype html>
<html>
  <body>
    <a href="/"><button >Home</button></a>
    <br><hr>
    {{ msg }}
    <table border = 1>
      <thead>
        <td>Username</td>
        <td>Email</td>
        <td>Password</td>
      </thead>
      {% for row in students %}
        <tr>
          <td>{{ row["Username"]}}</td>
          <td>{{ row["Email"]}}</td>
          <td>{{ row["Password"]}}</td>
        </tr>
      {% endfor %}
    </table>
  </body>
</html>

```

catalogue.html

```

<html>
<head>
  <title>Book Catalogue</title>
  <style>
    .menu{
      background-color: #131413;
      padding: 0px;
      margin: 0px;
      border-radius: 15px;
    }
    ul {
      list-style-type: none;
      overflow: hidden;
      background-color: #131413;
    }

    .menu li {
      float:left;

```

```

}

.menu li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

h2{
    color:white;
}

.menuleft:hover{
    background-color: #4CAFFF;
}

.menuleft{
    padding:0px 5px;
}

body{
    font-family:sans-serif;
    background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-
3.jpg);
    background-position: center;
    background-size: cover;
}

.button {
    background-color: white;
    color: #4CAF50;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

```

```
.required-tracking li a{
    display: flex;
    color: white;
    text-align: justify;
    padding: 16px;
    text-decoration: none;
    font-weight: 500;
}
.button: hover{
    background-color: #4CAFFF;
    color: white;
}
```

```
.footer{
width: 100%;
height: 5%;
}
```

```
</style>
</head>
```

```
<body bgcolor="#4CAF50">
```

```
<div class="menu" style="float: top; width: 100%; height: 11%;">
    <div class="menuleft" style="float: left; ">
        <a href="registration_with_js_validation.html" class="logo">
            <h2 style="float: left; ">Automobile Showroom</h2>
        </a>
    </div>
    <div class="menuright" style="float: left; ">
        <ul>
            <li><a href="homepage.html" id="menufirstelement">Home</a></li>
            <li><a href="catalogue.html">Catalogue</a></li>
            <li><a href="registration_with_js_validation.html">Register</a></li>
            <li><a href="shoppingcard.html">Cart</a></li>
            <li><a href="payment.html">Payment</a></li>
            <li><a href="contact.html">Contact</a></li>
        </ul>
    </div>
</div>
<div class="full" style="float: center; display: inline; ">
<div class="scrollable menu-content" style="float: left; width: 30%; ">
```

```
<ul class="required-tracking" data-tracking-id="clp_books_clp/CategoryList_0-1_categorylinks" >
```

```
    <li> <a href="#">Interior Dealing</a></li>
    <li> <a href="#">Exterior Dealing</a></li>
    <li> <a href="#">Classic Rejuvenation</a></li>
    <li> <a href="#">Exotic Car and show prep</a></li>
    <li> <a href="#">Tire and Wheel shine</a></li>
    <li> <a href="#">Minor repairs</a></li>
    <li> <a href="#">Retail showroom and Catalog sales</a></li>
</ul>
```

```
</div>
```

```
</body>
```

```
</html>
```

homepage.html

```
<html>
```

```
<head>
```

```
<title>Home</title>
```

```
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
```

```
<style>
```

```
.menu{
```

```
    background-color: #131413;
```

```
    padding: 0px;
```

```
    margin: 0px;
```

```
    border-radius: 15px;
```

```
}
```

```
ul {
```

```
    list-style-type: none;
```

```
    overflow: hidden;
```

```
    background-color: #131413;
```

```
}
```

```
li {
```

```
float:left;
```

```
}
```

```
li a {
```

```
    display: inline-block;
```

```
    color: white;
```

```
    text-align: center;
```

```
    padding: 14px 16px;
```

```
    text-decoration: none;
```

```
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid white;
    padding: 20px;
    width: 200px;
    height: 150px;
    margin-bottom: 20px;
    margin-top: 100px;
    margin-right: 100px;
    float: right;
    background-color: white;
}

.button {
    background-color: #4CAF50;
    border: none;
    color: white;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

h4{
font-size: 18px;
color: #4CAF50;
}

h2{
color:white;
}

.menuleft:hover{
    background-color: #4CAFFF;
}

.menuleft{
padding:0px 5px;
```

```

}
h4{
display: block;
padding: 3px 10px;
}

th{
color:#4CAF50;
font-size: 24px;
font-weight: bold;
}
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-
3.jpg);
background-position: center;
background-size: cover;
}

.footer{
width: 100%;
height: 5%;
}

.button:hover{
background-color: #4CAFFF;
}
</style>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
<div class="menuleft" style="float:left;">
<a href="registration_with_js_validation.html" class="logo">
<h2 style="float:left;">Automobile Showroom</h2>
</a>
</div>
<div class="menuright" style="float:left;">
<ul>
<li><a href="homepage.html" id="menufirstelement">Home</a></li>
<li><a href="catalogue.html">Catalogue</a></li>
<li><a href="shoppingcart.html"> Cart</a></li>
<li><a href="payment.html">Payment</a></li>
<li><a href="contact.html">Contact</a></li>

```

```

        </ul>
    </div>
</div>
<p><center><h1 style="color:whitesmoke">WELCOME TO OUR WEBSITE :)
</h1></center></p>
</body>
</html>

```

Orderconfirmed.html

```

<html>
<head>
<title>Order Confirmed</title>
<!--<link rel="stylesheet" type="text/css" href="registration_with_js_validation.css">-->
<link href='https://fonts.googleapis.com/css?family=Montserrat:700' rel='stylesheet' type='text/css'>
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

```



```

#roundedcorners {
    border-radius: 25px;
    border: 2px solid white;
    padding: 20px;
    width: 200px;
    height: 150px;
    margin-bottom: 20px;
    margin-top: 100px;
    margin-right: 100px;
    float: right;
    background-color: white;
}

.button {
    background-color: #4CAF50;
    border: none;
    color: white;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

h4{
font-size: 18px;
color: #4CAF50;
}

h2{
color:white;
}

.menuleft:hover{
    background-color: #4CAFFF;

}

.menuleft{
padding:0px 5px;
}

h4{
display: block;
padding: 3px 10px;
}

```

```
th{
  color:#4CAF50;
  font-size: 24px;
  font-weight: bold;
  border-style:
}
body{
  font-family:sans-serif;
  background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
  background-position: center;
  background-size: cover;
}
```

```
.footer{
  width: 100%;
  height: 5%;
}
```

```
.button:hover{
  background-color: #4CAFFF;
}
.login{
  background-color: none;
  border-radius: 280px 20px;
  font-family: 'Montserrat', sans-serif;
}
```

</style>

</head>

<body>

<div class="menu" style="float:top; width: 100%; height:11%;">

<div class="menuleft" style="float:left;">

<h2 style="float:left;">Automobile Showroom</h2>

</div>

<div class="menuright" style="float:left;">

Home

Catalogue

Register

Profile

 Cart

Payment

```

        <li><a href="contact.html">Contact</a></li>
    </ul>
</div>
</div>
<center>
<div class="login" style="width: 90%; height:59%;">
    <center>
        <h1 style="color:whitesmoke">Congratulations, your order has</h1>
        <h1 style="color:whitesmoke">been confirmed!</h1>
    </center>
</div>
</center>
</body>
</html>

```

Payment.html

```

<html>
<head>
<title>Payment</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

```

```
a:hover {  
    background-color: #4CAFFF;  
}
```

```
#roundedcorners {  
    border-radius: 25px;  
    border: 2px solid none;  
    padding: 20px;  
    width: 200px;  
    height: 150px;  
    background-color: white;  
    margin: 20px;  
    white-space: nowrap;  
    overflow: hidden;  
}
```

```
.button {  
    background-color: #4CAF50;  
    color: white;  
    border: none;  
    padding: 15px 32px;  
    text-align: center;  
    text-decoration: none;  
    display: inline-block;  
    font-size: 16px;  
    margin-right: 0px;  
    border-radius: 55px;  
}
```

```
.button:hover{  
    background-color: #4CAFFF;  
    color: white;  
}
```

```
h4{  
    font-size: 18px;  
    color: #4CAF50;  
}
```

```
h2{  
    color:white;  
}
```

```
.menuleft:hover{  
    background-color: #4CAFFF;  
}
```

```

.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}
td{
vertical-align: middle;
color: #4CAF50;
}
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}
.footer{
width: 100%;
height: 5%;
}

```

```

#roundedcorners td h4{
vertical-align: text-bottom;
}

```

```

#roundedcorners td{
vertical-align: text-bottom;
}
.paymentIcons{
margin-right: 55px;
}

```

```

</style>

```

```

</head>

```

```

<body>

```

```

<div class="menu" style="float:top; width: 100%; height:11%;">

```

```

<div class="menuleft" style="float:left;">

```

```

<a href="registration_with_js_validation.html" class="logo">

```

```

<h2 style="float:left;">Automobile Showroom</h2>

```

```

</a>

```

```

</div>

```

```

<div class="menuright" style="float:left;">

```

```

<ul>

```

```

        <li><a href="homepage.html">Home</a></li>
        <li><a href="catalogue.html">Catalogue</a></li>
        <li><a href="registration_with_js_validation.html">Register</a></li>
        <li><a href="userpro.html">Profile</a></li>
        <li><a href="shoppingcart.html"> Cart</a></li>
        <li><a href="payment.html">Payment</a></li>
        <li><a href="contact.html">Contact</a></li>
    </ul>
</div>
</div>
<div >
<center>
<table id="roundedcorners">
    <tr>
        <td
            colspan="2"><center><strong><h1
style="text-align:center;
color:#af4c5c;">Payment</h1></strong></center></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">Card Number:</h4></td>
        <td><input type="text" placeholder="1111 1111 1111 1111"></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">Card Holder's Name: </h4></td>
        <td><input type="text" placeholder="(e.g.)abc"></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">Password: </h4></td>
        <td><input type="password" placeholder="*****"></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">Expiration Date: </h4></td>
        <td><input type="date" style="color:gray;"></td>
    </tr>
    <tr>
        <td><h4 style="color:#af4c5c">CVV: </h4></td>
        <td style="color:white;"><input type="text" placeholder="999" style="width:50px;"></td>
    </tr>
    <tr>
        <td colspan="2">
            
            

```

```

        
    </td>
    </tr>
    <tr>
    <td colspan="2">&nbsp;  </td>
    </tr>
    <tr>
    <td colspan="2"><form method="post" action="orderconfirm.html">
    <input type="submit" value="Make Payment" class="button" style="width:100%;"></form></td>
    </tr>
</table>
</center>
</div>
</body>
</html>

```

registration.html

```

<html>
<head>
<title>Registration</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

li {
float:left;
}

li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;

```

```
    text-decoration: none;
}

a:hover {
    background-color: #4CAFFF;
}

#roundedcorners {
    border-radius: 25px;
    border: 2px solid none;
    padding: 20px;
    width: 200px;
    height: 150px;
    background-color: none;
    margin: 20px;
    white-space: nowrap;
    overflow: hidden;
}

.center {
    display: block;
    margin-left: auto;
    margin-right: auto;
    width: 50%;
}

.button {
    background-color: white;
    color: #4CAF50;
    border: none;
    padding: 15px 32px;
    text-align: center;
    text-decoration: none;
    display: inline-block;
    font-size: 16px;
    margin-right: 0px;
    border-radius: 55px;
}

h4{
font-size: 18px;
color: white;
}

h2{
color:white;
```



```

}
.menuleft:hover{
    background-color: #4CAFFF;

}
.menuleft{
    padding:0px 5px;
}
h4{
    display: block;
    padding: 3px 10px;
}
td{
    vertical-align: middle;
    color: #4CAF50;
}
body{
    font-family:sans-serif;
    background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
    background-position: center;
    background-size: cover;
}
.footer{
    width: 100%;
    height: 5%;
}

#roundedcorners td h4{
    vertical-align: text-bottom;
}

#roundedcorners td{
    vertical-align: text-bottom;
}
</style>
</head>
<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration.html" class="logo">
            <h2 style="float:left;">Automobile Showroom</h2>
        </a>
    </div>
    <div class="menuright" style="float:left;">

```

```

<ul>
  <li><a href="homepage.html">Home</a></li>
  <li><a href="catalogue.html">Catalogue</a></li>
  <li><a href="registration.html">Register</a></li>
  <li><a href="shoppingcart.html"> Cart</a></li>
  <li><a href="payment.html">Payment</a></li>
  <li><a href="contact.html">Contact</a></li>
</ul>
</div>
</div>
<div>
<center><strong><h1 style="text-align:center; color:rgb(250, 249, 249);">New User? Register
Here.</h1></strong></center>
<center>
<table id="roundedcorners">
  <tr>
    <td><h2>Your name:</h2></td>
    <td><input type="text" placeholder="(e.g.) ABC"></td>
  </tr>
  <tr>
    <td><h2>Username:</h2></td>
    <td><input type="text" placeholder="(e.g.) ABC"></td>
  </tr>
  <tr>
    <td><h2>Password:</h2></td>
    <td><input type="password" placeholder="*****"></td>
  </tr>
  <tr>
    <td><h2>Password again:</h2></td>
    <td><input type="password"></td>
  </tr>
  <tr>
    <td><h2>Gender:</h2></td>
    <td style="color:white;"><input type="radio" value="male">Male <input type="radio"
value="female">Female</td>
  </tr>
  <tr>
    <td><h2>Date of Birth:</h2></td>
    <td><input type="date" style="color:gray;"></td>
  </tr>
  <tr>
    <td><h2>Address:</h2></td>
    <td><textarea placeholder="Optional..."></textarea></td>
  </tr>
  <tr>
    <td><h2>Zipcode:</h2></td>

```

```

        <td><input type="text" placeholder="111111" maxlength="6"></td>
    </tr>
    <tr>
        <td colspan="2"><input type="button" value="Create your account" class="button"
style="width:100%;"></td>
    </tr>
</table>
</center>
</div>
</body>
</html>

```

Registration_with_js_validation.html

```

<html>
<head>
<title>Registration</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->
<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
}
.menuright ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

.menuright li {
float:left;
}

.menuright li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

```

```
.menuright a:hover {  
    background-color: #4CAFFF;  
}
```

```
.menuright div{  
    position: absolute;  
    visibility: hidden;  
    background: white;  
    border: 1px solid #4CAF50;  
}
```

```
.menuright div a{  
    position: relative;  
    display: block;  
    padding 5px 10px;  
    width: auto;  
    text-align: left;  
    color: #4CAF50;  
}
```

```
.menuright div a:hover{  
    color:white;  
}
```

```
#roundedcorners {  
    border-radius: 25px;  
    border: 2px solid none;  
    padding: 20px;  
    width: 200px;  
    height: 150px;  
    background-color: none;  
    margin: 20px;  
    white-space: nowrap;  
    overflow: hidden;  
}
```

```
.center {  
    display: block;  
    margin-left: auto;  
    margin-right: auto;  
    width: 50%;  
}
```

```
.button {
  background-color: white;
  color: #4CAF50;
  border: none;
  padding: 15px 32px;
  text-align: center;
  text-decoration: none;
  display: inline-block;
  font-size: 16px;
  margin-right: 0px;
  border-radius: 55px;
}
h4{
font-size: 18px;
color: white;
}
h2{
color:white;
}
.menuleft:hover{
  background-color: #4CAFFF;

}
.menuleft{
padding:0px 5px;
}
h4{
display: block;
padding: 3px 10px;
}
td{
vertical-align: middle;
  color: #4CAF50;
}
body{
  font-family:sans-serif;
  background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}
.footer{
width: 100%;
height: 5%;
}
```

```

#roundedcorners td h4{
    vertical-align: text-bottom;
}

#roundedcorners td{
    vertical-align: text-bottom;
}
</style>
<script type="text/javascript">
    var timeout = 500;
    var closeTimer = 0;
    var ddMenuItem = 0;

    function check(helpermsg)
    {
        var name = document.getElementById('req1');
        var username = document.getElementById('req2');
        var pwd = document.getElementById('comp1');
        var pwd2 = document.getElementById('comp2');
        var email = document.getElementById('email');

        if(username.value.charAt(0)=='a' || username.value.charAt(0)=='u')
        {
            name.focus();
            alert('Username should begin with '+'a or u');
            return false;
        }

        if(name.value.length==0)
        {
            name.focus();
            alert(helpermsg+'name');
            return false;
        }
        if(username.value.length==0)
        {
            username.focus();
            alert(helpermsg+'username');
            return false;
        }
        if(pwd.value!=pwd2.value || pwd.value=="")
        {
            alert('Passwords do not match');
        }
    }

```

```

        return false;
    }

}

function mOpen(id)
{
    var idd = ""+id;
    mCancelCloseTime();
    if(ddMenuItem)
        ddMenuItem.style.visibility='hidden';
    ddMenuItem=document.getElementById(idd);
    ddMenuItem.style.visibility='visible';
}

function mClose()
{
    if(ddMenuItem)
        ddMenuItem.style.visibility='hidden';
}

function mCloseTime()
{
    closeTimer = window.setTimeout(mClose,timeout);
}

function mCancelCloseTime()
{
    if(closeTimer)
    {
        window.clearTimeout(closeTimer);
        closeTimer=null;
    }
}

</script>
</head>

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration.html" class="logo">
        <h2 style="float:left;">Book Store</h2>

```

```

</a>
</div>
<div class="menuright" style="float:left;">
<ul>
  <li><a
                        href="homepage.html"
                        onmouseover="mOpen('m1')"
onmouseout="mCloseTime()">Home</a>
    <div id="m1" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
      <a href="#">About Us</a>
      <a href="#">Mission</a>
      <a href="#">Vision</a>
      <a href="#">Contact Us</a>
    </div>
  </li>
  <li><a
                        href="catalogue.html"
                        onmouseover="mOpen('m2')"
onmouseout="mCloseTime()">Catalogue</a>
    <div id="m2" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
      <a href="#">About Us</a>
      <a href="#">Mission</a>
      <a href="#">Vision</a>
      <a href="#">Contact Us</a>
    </div>
  </li>
  <li><a
                        href="registration.html"
                        onmouseover="mOpen('m3')"
onmouseout="mCloseTime()">Register</a>
    <div id="m3" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
      <a href="#">About Us</a>
      <a href="#">Mission</a>
      <a href="#">Vision</a>
      <a href="#">Contact Us</a>
    </div>
  </li>
  <li><a
                        href="shoppingcart.html"
                        onmouseover="mOpen('m5')"
onmouseout="mCloseTime()">Shopping Cart</a>
    <div id="m5" onmouseover="mCancelCloseTime()" onmouseout="mCloseTime()">
      <a href="#">About Us</a>
      <a href="#">Mission</a>
      <a href="#">Vision</a>
      <a href="#">Contact Us</a>
    </div>
  </li>
  <li><a href="payment.html">Payment</a></li>
</ul>
</div>
</div>

```



```

<div>
<center><strong><h1 style="text-align:center; color:white;">New User? Register
Here.</h1></strong></center>
<center>
<form action="lo.php" >
<table id="roundedcorners">
    <tr>
        <td><h4>Your name:<span class="star" style="color:red">*</span></h4></td>
        <td><input type="text" placeholder="(e.g.) ABC" id="req1"></td>
    </tr>
    <tr>
        <td><h4>Username:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="text" placeholder="(e.g.) ABC" id="req2"></td>
    </tr>
    <tr>
        <td><h4>Email:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="text" placeholder="abc@gmail.com" id="email"></td>
    </tr>
    <tr>
        <td><h4>Password:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="password" placeholder="*****" id="comp1"></td>
    </tr>
    <tr>
        <td><h4>Confirm Password:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="password" placeholder="*****" id="comp2"></td>
    </tr>
    <tr>
        <td><h4>Gender:<span class="star" style="color:red">*</span> </h4></td>
        <td style="color:white;"><input type="radio" value="male">Male <input type="radio"
value="female">Female</td>
    </tr>
    <tr>
        <td><h4>Date of Birth:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="date" style="color:gray;"></td>
    </tr>
    <tr>
        <td><h4>Address:</h4></td>
        <td><textarea placeholder="Optional..."></textarea></td>
    </tr>
    <tr>
        <td><h4>Zipcode:<span class="star" style="color:red">*</span> </h4></td>
        <td><input type="text" placeholder="11111" maxlength="6"></td>
    </tr>
    <tr>

```

```

        <td colspan="2"><input type="button" onclick="return check('Please enter ')" value="Create your
Bookstore account" class="button" style="width:100%;"></td>
    </tr>
</table>
</form>
</center>
</body>
</html>

```

Shoppingcart.html

```

<html>
<head>
<title>Shopping Cart</title>
<!--<link rel="stylesheet" type="text/css" href="registration.css">-->

<style>
.menu{
    background-color: #131413;
    padding: 0px;
    margin: 0px;
    border-radius: 15px;
}
.menu ul {
    list-style-type: none;
    overflow: hidden;
    background-color: #131413;
}

.menu li {
float:left;
}

.menu li a {
    display: inline-block;
    color: white;
    text-align: center;
    padding: 14px 16px;
    text-decoration: none;
}

.menu ul a:hover {
    background-color: #4CAFFF;
}

```

```
#roundedcorners {  
    border-radius: 25px;  
    border: 2px solid white;  
    padding: 20px;  
    width: 200px;  
    height: 150px;  
    margin-bottom: 20px;  
    margin-top: 100px;  
    margin-right: 100px;  
    float: right;  
    background-color: white;  
}
```

```
.button {  
    background-color: white;  
    border: none;  
    color: #4CAF50;  
    padding: 15px 32px;  
    text-align: center;  
    text-decoration: none;  
    display: inline-block;  
    font-size: 16px;  
    margin-right: 0px;  
    border-radius: 55px;  
}
```

```
.button:hover{  
    background-color: #4CAFFF;  
    color: white;  
}
```

```
h2{  
    color:white;  
}
```

```
.menuleft:hover{  
    background-color: #4CAFFF;  
}  
.menuleft{  
    padding:0px 5px;  
}
```

```
body{
font-family:sans-serif;
background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
background-position: center;
background-size: cover;
}

.footer{
width: 100%;
height: 5%;
}

img{
border:0;
}
::selection{
color:#fff;
background:#00a2ff;
text-shadow:0 1px rgba(0,0,0,0.2);
}
header,
nav,
section,
details,
summary,
article,
footer{
display:block;
}
a:hover{
text-decoration:none;
}

#content{
margin:0 auto;
padding-bottom:50px;
width:280px;
}

.shoppingCart{
position:relative;
margin-top:40px;
overflow:hidden;
color:#495860;
color:hsla(201,14%,33%,0.8);
```

```

        border-radius:4px 4px 0 0;
        box-shadow:0 2px 3px 1px rgba(0,0,0,0);
        transition:all 0.4s;
    }
    .shoppingCart:hover{
        color:#495860;
        box-shadow:0 2px 4px 1px rgba(0,0,0,0.1);
    }
    .shoppingCart summary{
        padding:12px 16px 14px 16px;
        overflow:hidden;
        background:#222;
        background: linear-gradient(top,#4ca9e2 1%,#1d7cb7 100%);
        border-radius:4px 4px 0 0;
        box-shadow:inset 0 1px 0 #72b3d3, inset 0 -1px 0 #155f8e;
        height: 60px;
    }
    .shoppingCart h4{
        float:left;
        color:#d4f1ff;
        text-shadow:0 1px 0 rgba(0,0,0,0.4);
    }
    .shoppingCart:hover h4{
        color:#fff;
    }
    .arrow{
        float:right;
        width:0;
        height:0;
        margin-top:7px;
        border-right:4px solid transparent;
        border-bottom:4px solid hsla(200,17%,93%,0.5);
        border-left:4px solid transparent;
        transition:all 0.5s;
    }
    .shoppingCart:hover .arrow{
        border-bottom-color:hsla(200,17%,93%,1);
        transform:rotate(-180deg);
    }
    .shoppingCart ul{
        list-style:none;
        position:relative;
        display:block;
    }

```

```
.shoppingCart li{
  padding:0 15px;
  overflow:hidden;
  height:0px;
  background:#fff;
  transition:all 0.3s;
}
.shoppingCart:hover li{
  height:auto;
  padding:10px 15px;
  border-bottom:1px solid rgba(0,0,0,0.1);
  box-shadow:inset 0 1px 0 #fff;
}
.shoppingCart:hover li:hover{
  text-shadow:0 -1px #fff;
  box-shadow:inset 0 15px 20px #eee;
}
.shoppingCart li a{
  color:#495860;
  text-decoration:none;
  border-color:#666;
  border-bottom:1px dotted rgba(0,0,0,0.6);
}
.shoppingCart li a:hover{
  border:0;
}
.shoppingCart li span{
  display:block;
  float:left;
}
.shoppingCart li strong{
  display:block;
  float:right;
}
.shoppingCart p{
  padding:12px 16px 14px 16px;
  overflow:hidden;
  background:#fff;
  transition:background 0.2s;
}
.shoppingCart:hover p{
  text-shadow:0 -1px #fff;
  background:#eee;
}
```

```

.shoppingCart p span{
    display:block;
}
.shoppingCart p span:first-child{
    float:left;
}
.shoppingCart:hover p span:first-child{
    display:none;
}
.shoppingCart p span:last-child{
    float:right;
}

```

```

td{
vertical-align: middle;
color: white;
padding-top: 10px;
padding-right: 30px;
}

```

```

.textm{
text-align: center;
white-space: nowrap;
overflow: hidden;
}

```

```

li span{
width: 100%;
}
</style>
</head>

```

```

<body>
<div class="menu" style="float:top; width: 100%; height:11%;">
    <div class="menuleft" style="float:left;">
        <a href="registration.html" class="logo">
            <h2 style="float:left;">Automobile Showroom</h2>
        </a>
    </div>
    <div class="menuright" style="float:left;">
        <ul>
            <li><a href="homepage.html" id="menufirstelement">Home</a></li>

```

```

        <li><a href="catalogue.html">Catalogue</a></li>
        <li><a href="registration.html">Register</a></li>
        <li><a href="shoppingcart.html">Cart</a></li>
        <li><a href="payment.html">Payment</a></li>
        <li><a href="contact.html">Contact</a></li>
    </ul>
</div>
</div>
<center>

<h1 style="color:white;margin-bottom:30px;">Products in Cart:</h1>
<div style="display:inline-block;width:100%;height:300px;">
<h3 style="color:whitesmoke"> No products available</h3>
</div>
</center>
>
</div>
</body>
</html>

```

Split_db.py

```

import sqlite3
conn = sqlite3.connect('student_database.db')
print("Opened database successfully")
conn.execute('CREATE TABLE customers ( username TEXT, email TEXT, password TEXT )')
print("Table created successfully")
conn.close()

```

app.py

```

from flask import Flask,render_template, flash,redirect, url_for,request
import sqlite3 as sql
app = Flask(__name__)
app.secret_key="HIII"

@app.route("/")
def homepage():
    return render_template("homepage.html")

@app.route("/catalogue")
def catalogue():
    return render_template("catalogue.html")

```



```

@app.route("/orderconfirmed")
def orderconfirmed():
    return render_template("orderconfirmed.html")
@app.route("/contact")
def contact():
    return render_template("contact.html")
@app.route("/payment")
def payment():
    return render_template("payment.html")

@app.route("/registration_with_js_validation")
def registration_with_js_validation():
    return render_template("registration_with_js_validation.html")
@app.route("/registration")
def registration():
    return render_template("registration.html")
@app.route("/shoppingcart")
def shoppingcart():
    return render_template("shoppingcart.html")
@app.route('/data',methods = ['POST', 'GET'])
def data():
    if request.method == 'POST':
        try:
            username = request.form['username']
            email = request.form['email']
            password = request.form['password']
            with sql.connect("student_database.db") as con:
                cur = con.cursor()
                cur.execute("INSERT INTO students (username,email,password) VALUES
(?,?,?),(username,email,password) )
                con.commit()
                msg = "Record successfully added!"
            except:
                con.rollback()
                msg = "error in insert operation"
            finally:
                return render_template("List.html",msg = msg)
                con.close()

@app.route('/list')
def list():
    con = sql.connect("student_database.db")
    con.row_factory = sql.Row

```

```
cur = con.cursor()
cur.execute("select * from students")

students = cur.fetchall()
return render_template("List.html", students = students)

if __name__ == '__main__':
    app.run(debug = True)
```

Contact.css

```
* {
    margin: 0;
    padding: 0;
    border-size: border-box;
}

html, body {
    height: 100vh;
    background: #666666;
    font-family: 'Balsamiq Sans', sans-serif;
}

body {
    display: flex;
    align-items: center;
    justify-content: center;
    background-image: url(https://newevolutiondesigns.com/images/freebies/4k-car-wallpaper-3.jpg);
    background-position: center;
    background-size: cover;
}

.card {
    height: 50%;
    width: 50%;
    padding: 30px 90px 90px 90px;
    border: 6px solid rgba(0, 0, 0, 0.3);
    box-shadow: 20px 20px 0 rgba(0, 0, 0, 0.3);
    border-radius: 50px;
    position: relative;
}

.card h2 {
```

```
color: white;
font-size: 40px;
text-transform: uppercase;
}
```

```
.card .row {
  position: relative;
  width: 100%;
  display: grid;
  grid: auto / auto auto;
  grid-template-columns: repeat(auto-fit,minmax(40%, 1fr));
  grid-gap: 20px;
}
```

```
.card .row .col {
  position: relative;
  width: 100%;
  margin: 30px 20px 40px 0;
  transition: 0.5s;
}
```

```
.card .row .form-group {
  position: relative;
  width: 100%;
  height: 10px;
  color: white;
}
```

```
.card .row .form-group input,
.card .row .form-group textarea {
  position: absolute;
  width: 90%;
  height: 100%;
  background-color: white;
  outline: none;
  font-size: 24px;
  padding: 10px 0 10px 20px;
  border: 5px solid rgba(0, 0, 0, 0.3);
  box-shadow: 10px 10px 0 rgba(0, 0, 0, 0.3);
  color: white;
  border-radius: 50px;
}
```

```
.card .row .form-group label {
```

```
line-height: 40px;
color: white;
font-size: 24px;
margin: 0 0 0 30px;
display: block;
pointer-events: none;
}
```

```
.row .col:nth-child(6) {
  margin-top: 64px;
}
```

```
.card .row .form-group input:focus,
.card .row .form-group textarea:focus {
  border: 5px solid #ffffff;
  transition: all 0.5s;
}
```

```
.card .row input[type="submit"] {
  border: 5px solid rgba(0, 0, 0, 0.3);
  box-shadow: 10px 10px 0 rgba(0, 0, 0, 0.3);
  padding: 10px;
  height: 100%;
  width: 50%;
  cursor: pointer;
  outline: none;
  background: transparent;
  text-transform: uppercase;
  color: white;
  line-height: 40px;
  font-size: 24px;
  font-weight: 700;
  border-radius: 45px;
  transition: all 0.4s;
}
```

```
.card .row input[type="submit"]:hover {
  border: 5px solid rgba(255, 255, 255, 1);
  color: black;
  transition: all 0.4s;
}
```

```
@media screen and (max-width: 900px) {
  .card .row {
```

```
    grid-template-columns: repeat(auto-fit,minmax(70%, 1fr));
}

.card {
  padding: 20px;
}

.card h2 {
  font-size: 34px;
}

.card .row input[type="submit"] {
  width: 100%;
}
}
```

GitHub & Project Demo Link

GitHub Link: <https://github.com/IBM-EPBL/IBM-Project-23168-1659870675>

Project Demo Link: <https://www.kapwing.com/videos/63725bcded2320563fa1e1c>