A WEB APPLICATION FOR ONLINE CAR SHOWROOM

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering

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APPROVAL

This Project titled "**A WEB APPLICATION FOR ONLINE CAR SHOWROOM**", submitted by **Rukunuzzaman Munim, ID No: 181-15-10798**, to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfilment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 26 January 2023.

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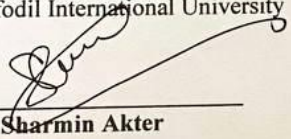

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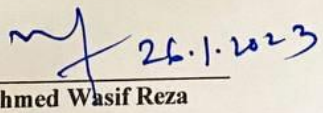

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DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Mr. Md. Aynul Hasan Nahid, Lecturer Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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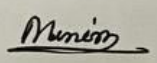

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Finally, we must acknowledge with due respect the constant support and patients of our parents.

ABSTRACT

The goal of the Car showroom monitoring system is to digitalize the current manual approach with the aid of fully functional software applications and computerized machinery, completing their devices, so that their important data can be preserved for a longer duration of time with simple access and manipulation of the identical. The necessary gear and tools are easily accessible and simple to use. The management system for Car showrooms as previously described can culminate in a mistake, secured, dependable, and quick control system. Instead of focusing on documentation, it might help the user focus on their other tasks. As a result, it will aid organizations in making effective use of their abilities. Without creating duplicate records, the business can maintain a consolidated database. This suggests that one need not be distracted by unnecessary information when viewing the subject. The intention is to consider replacing their prevailing manual process with the use of fully functional software programs and computer controlled future technologies, completing their equipment, so that their crucial documents and records may be saved for a considerable amount of time with easy navigation and subterfuge of the same. The concept essentially defines how to conduct business for more effectiveness and enhanced complaint management.

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CHAPTER 1

Introduction

1.1 Introduction

The automobile Showroom Monitoring Method was developed in order to address the shortcomings of the previous manual accounting system. This program addresses the shortcomings of our current model in an attempt to address and, in some cases, reduce them. Additionally, this technology was developed to satisfy the unique needs of the industry in order to properly and effectively gather intelligence.

For the purpose of preventing data entering errors, the application is made as basic as feasible. Additionally, when you enter inaccurate data, an error notification is displayed. To use this equipment, the user needs no specialized training. Just this shows how subscriber it is. As was previously said, the Car Showroom Surveillance System may produce a processing system that is error-free, safe, dependable, and rapid. It could aid the individual in shifting their spotlight away from records administration and toward other things. As a consequence, it will help businesses utilize their resources more effectively.

Every business, no matter how big or little, has trouble keeping track of their reservations, transactions, and customers. Every Car dealership control system has a different set of Car objectives; therefore, we develop customized recruiting and selection processes that are suited to your administrative needs.

This is done to assist with business planning and will provide you the chance to ensure that your organization has the right level of expertise and depth for your long-term goals. Our system offers wireless access choices so that active executives who are always on the road may manage their staff at any time, worldwide. Such technologies will ultimately enable you to manage your resources more effectively.

1.2 Motivation

It could make it easier to collect accurate, pertinent data. Within a short while, the discussion will be clear, understandable, and rational. It will let someone understand the leadership of the past year clearly and passionately. It also facilitates all active initiatives, such as the management system for auto dealerships. Furthermore, it will lower the cost of gathering and ensure effective data collection. Our work focuses on business continuous improvement. We recently endeavored to modernize many of the industrial automation processes in auto dealerships.

- The operator of a software system must complete an assortment of forms, and several versions of each form may be generated fast and concurrently.
- The documentation does not need to be created in a technology platform; it may simply be printed, increasing efficiency.
- To help the staff estimate how much time and effort they spend into each specific task area.
- To utilize assets more productively by mechanizing capital efficiency.
- The system generates many information types that may be used in a range of circumstances.
- The requirement made by the user is fulfilled.
- For both the customer and the operators, be straightforward to understand and obtain.
- Criteria include a top-notch user interface, replaceability, and delivery that is timely and under budget.

1.3 Objectives

The system created in auto showrooms' governance of Cars, classification, assortment, customers, and data reconciliation is its main objective. It manages all information pertaining to the automobile, particularly expenditures and bookings. Only the

management is guaranteed access because the application was totally created on the overall impact. The development's goal is to build a software program that will do all of the organizing, payments, and maintenance work for motorCar and Car-related commodities automatically. It includes all pertinent information about the sort, customer, and appointment.

1.4 Expected Outcome

Results that are anticipated from the planned work include: • In our system, users may purchase or reserve Cars after logging in and completing the registration process.

- The user may build a profile after making a profile, and from there, they can view the specifics of their orders.
- An administrator can control every process.
- At first, clients saw a homepage where they could choose their options, and our wishlist would save all the information. • Handle all order sectors: here all order data can be viewed by admin.
- Upcoming order: all orders were authorized here.
- Product addition: Administrator may include new products.
- Manage goods: The supervisor can get rid of any things that are sold out or finished.
- Shop reviews are available here from verified, registered users. Guest users may only read reviews; if they wish to leave reviews, they must undergo the login and log-in processes.
- In order to utilize this WT token, both the administrator and the user must properly authenticate.
- The "View All" option includes all of the merchandise, whereas the "Home" section just includes a few of the more well-known ones.

1.5 Project Management and Finance

The cost, income, and profitability of a project are all managed through projects financial management, often commonly referred to as financial reporting. It combines strategy, forecasting, planning, sourcing, controlling project expenditures, and invoicing in order to achieve this.

Project implementation accounting is unquestionably the most crucial of all these facets of economic project planning. After there, it becomes a matter of maintaining that budget during the duration of the project while making sure the task is finished within the agreed budget. Budget-conscious strategic planning seeks to keep initiatives on track. As a result, managerial accounting for initiatives on a personal level not only aids in better project organization and administration, but also has a favorable impact on the company's growth. This occurs as a result of project finance management's contribution to harmony:

- Capital and anticipated profits on a project.
- the possible effects of a current project on future developments.
- influence on your agency as a whole.

1.6 Report Arrangement

The report layout is given below:

Chapter 1: Introduction

In Chapter 1, we made an effort to outline the development's beginning, inspiration, goals, and anticipated end. The whole notion is ultimately communicated through the document layout.

Chapter 2: Background

This chapter has covered the user's historical context. Additionally, we pinpoint and outline the development's related tasks and boundaries. Here, the challenges are also described.

Chapter 3: Requirements specification

The functional requirements will constitute the entire subject of this section. simulation of company operations, evaluation of obtained criteria, and modelling and definition of projects use cases. Furthermore, a logical information model and technical specifications are present.

Chapter 4: Design Requirements

The development's design will be addressed in this section. These specifications cover front-end, back-end, information architecture, user experience (UX), and specifications.

Chapter 5: Implementation and testing

This is the point at which the project is complete in its entirety. Mark down any concepts you have for other initiatives

Chapter 6, Impact on society, environment and sustainability

Here actually discuss about this project social acceptances, effectiveness and sustainability plan

Chapter 7, last but not least, Conclusion and future work.

Here discuss about future scope and work ending discussion.

CHAPTER 2

Background

2.1 Introduction

The acceptability of modern technologies keeps getting better. Nowadays, computerized machines perform the vast majority of work rather than humans. The advancement of technology is closely tied to the development of industrial mechanization. Xampp was used as the front end and SQL Server 2005 as the back end to develop the project, which was given the official title "Car Showroom Control Gateway." This scheme might work well for a big dealer or reseller. The Car dealership's control center is easily accessible at all times and at any place.The Car Showroom Monitoring System is a full description of the whole process for selling a Car to a customer from the customer's showroom. Prior to someone being sold, the Car was a piece of prime real estate in the owner's dealership. The main objective in this scenario is to move the Car from an investor to a marketable asset. While the operation is being Carried out, the company may aggressively establish that whether Car is a new or used Car.

2.2 Related Works

The company currently uses FOXPRO to operate its system. Along with the regular billing of the Cars, the item invoices is also maintained current. That has to do with the company's performance being sold. These two payment services alone are instances of such techniques.

The physiological management of clients, merchandise, money, Cars, and customer data places a great deal of stress and hardship on the commercial side.

2.3 Comparative Studies

The recommended approach was developed to deal with the difficulties that come with conventional FOXPRO services and invoice processing management.

It will be equipped to fix the issue if it is forced to use the proposed approach. Updates or digitization are absolutely beneficial to the business.

Instead of having many parts and workers for each individual region, it is adequate to hire just one person to complete all functions in a machine. The challenge is optimizing productivity, money, power, and other commodities.

The effective inventory management system enables faultless design since it keeps customer data, sales figures, and other data updated. The primary system document provides manual labour. These are the advantages of the development of the conceptual framework, which also keeps track of stock information for potential use in the hereafter.

Long-term, the recommended remedy allows for the perfect and graceful completion of every work while also drastically lowering organization expenditures. All the data pertaining to all the actions may be stored on an optical medium. Every application will be quick and simple to fill out, easily accessible, and structured. Any material may be acquired whenever necessary, accurately, and easily. It might be changed, corrected, or modified.

The suggested approach has several of the highlighted in the previous conveniences. It could just take a few seconds to finish the full procedure. It thereby accomplishes the objectives of the system. In supplement to those already stated, the benefits listed below are a few more.

- validity
- conundrum
- Assurance and
- Timeliness

2.4 Challenges

To fix the problems with the present system, the double trader supervision system was developed.

The architecture of the different aspects is decided upon before the conceptual design process starts, and data is obtained.

Before turning electronic, the proposed Car showroom Management system gathers all Car Engine System data for every customer, sale, and item in the inventory and then organizes it according to the transaction. Then, to keep the supplied data, design the configuration files.

When the file architectural and application base are built, programs are made to retain the characteristics of the business Management System.

Additionally, administration is a crucial responsibility in our product set. Only master admins may be added by admins. The fact that the senior admin will choose the administrator is a shifting aspect. The admin is in charge of the webpage, thus it's crucial that they make updates and be chosen to be the administration. The virtual currency must be performed manually. This development's work is highly safe.

CHAPTER 3

Requirement Instruction

3.1 Business Process Modeling

The fundamental business activity model is shown in figure 3.1 below. The actions that might be performed to model the industrial processing model from beginning to end in accordance with our goal are depicted in this flowchart. This helps us understand and watch the exact procedure. It will be slightly more difficult to comprehend the complete procedure through code than with a schematic. In the instance of our project, the user is greeted by the settings page when they first run the program. They can view a few of the typical automobile details on the home screen. Six to seven Cards will be available to the user. The user may view all the information and pricing of the automobile by clicking the "Buy now" button.

Then, by providing their own identity, contact details, and email address, they may reserve the Car from this location. Users must sign up for the system before they may purchase a Car. Nobody may buy or reserve a Car without first registering. Users may view every Car in this shop by clicking on All Car on the site. Alternatives will be available for Management is improved, process transparency is improved, and predictability offers us an advantage over the competition.

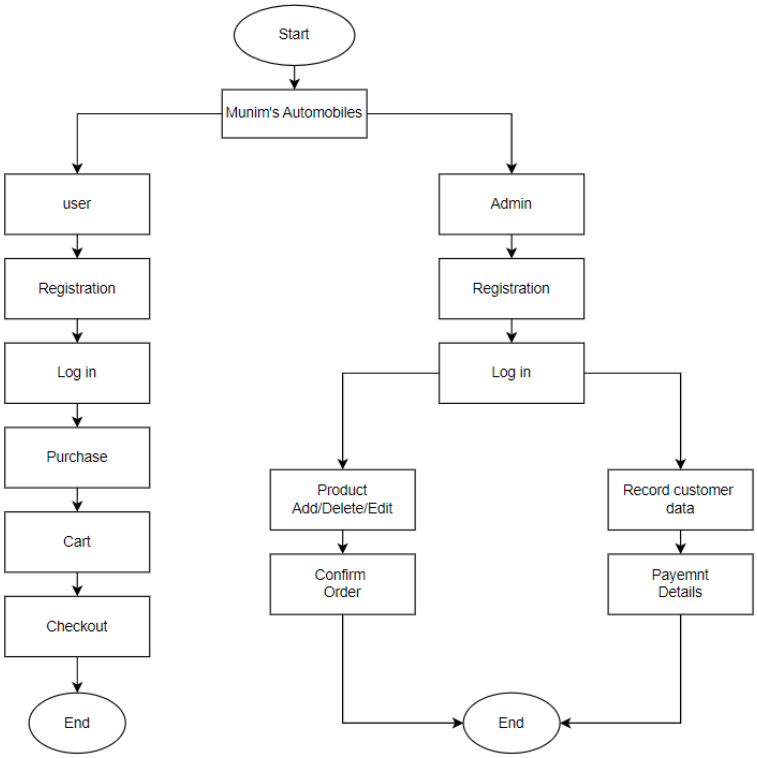

Fig 3.1 Business Process Modeling

3.2 Requirement Collection and Analysis

Trying to gather needs is crucial for performing a work more equitably. Such parameters must be analyzed in order to accomplish the job. We can do the job more quickly if we collect and examine each requirement.

3.2.1 Functional Requirement

- Login
- Registration
- Add admin
- Verify payment
- Contact

3.2.1 Non-functional Requirement

- Create new Car details
- Add Car
- Add Car related goods
- Update latest Car products
- Delete Car information
- View booking
- Delete booking
- Shop review

3.3 Use Case Modeling and Description

We developed our software by researching the issues that automobile owners confront online. There are two major players in this situation, according to our use context diagram. Authorities consist of one user and another actor. The user is the major character here. Customers may browse the shop, examine all orders, and reserve a Car here by entering information and advice. Administrators have the ability to add new information and remove existing data given by users.

Use Case: Home

Actor: User, Admin

Primary Actor: User

Description: By giving legal identification, a user may reserve a Car, check all of their orders, pay their bills, and give the company a comment. Users may also buy bicycle-related items like Car kits and instrumentation in our marketplace.

Pre-condition: Users must log in before making a purchase or making a reservation.

Post-condition: The user must be connected to the internet in order to utilize the Car information and make a reservation.

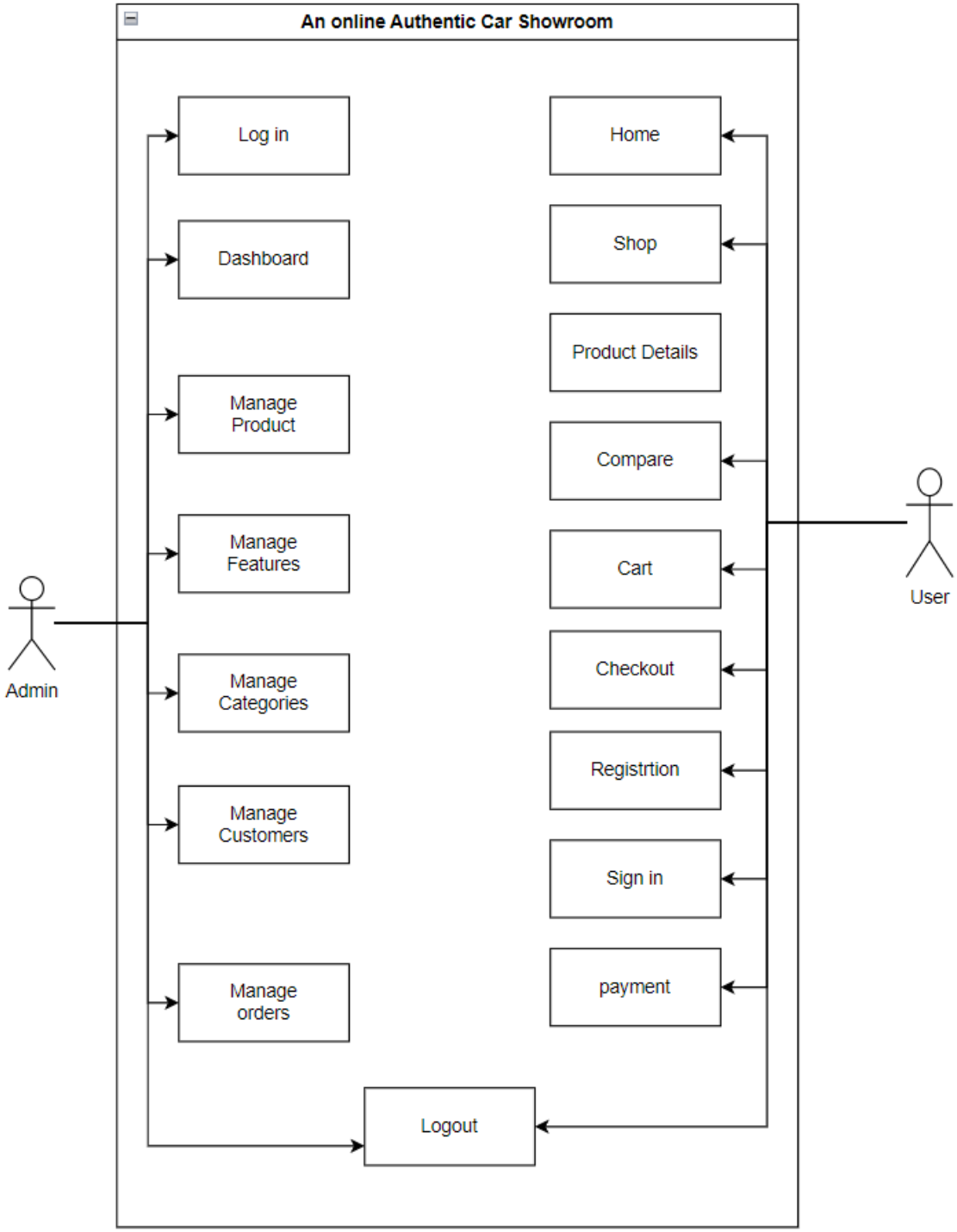

Figure 3.3: Use Case Model Diagram

3.4 Design Requirements

Every project needs some design requirements to build a good and presentable work.

Efficient: We design our application simply.

User-Friendly: User friendly system is the first requirement of any project and we tried to work hard on that.

3.5 System Requirements

The ability to present a program to consumers in an attractive way is made possible by design standards, which are essential for each project.

Effective: We made an effort to keep it lightweight and easy for all users.

User-Friendly: This web registration is simple to use.

3.5 System Requirements

Languages:

1. HTML
2. CSS
3. Bootstrap
4. PHP
5. MySQL

Tools:

1. VSCode
2. Browser
3. Xampp

CHAPTER 4

Design Specification

4.1 Front-End Design

The front-end geometric shape is crucial since consumers can see it. The design part made use of JavaScript, HTML, CSS, Bootstrap, Material UI, and Bootstrap. We also made use of the React JS library. The following is a list of the functionality we created utilizing these language skills:

4.1.1 Dashboard

The homepage design is seen here. The majority of the most trendy and well-liked good sare displayed on this page. Selecting a brand from the viewer list is quite useful.

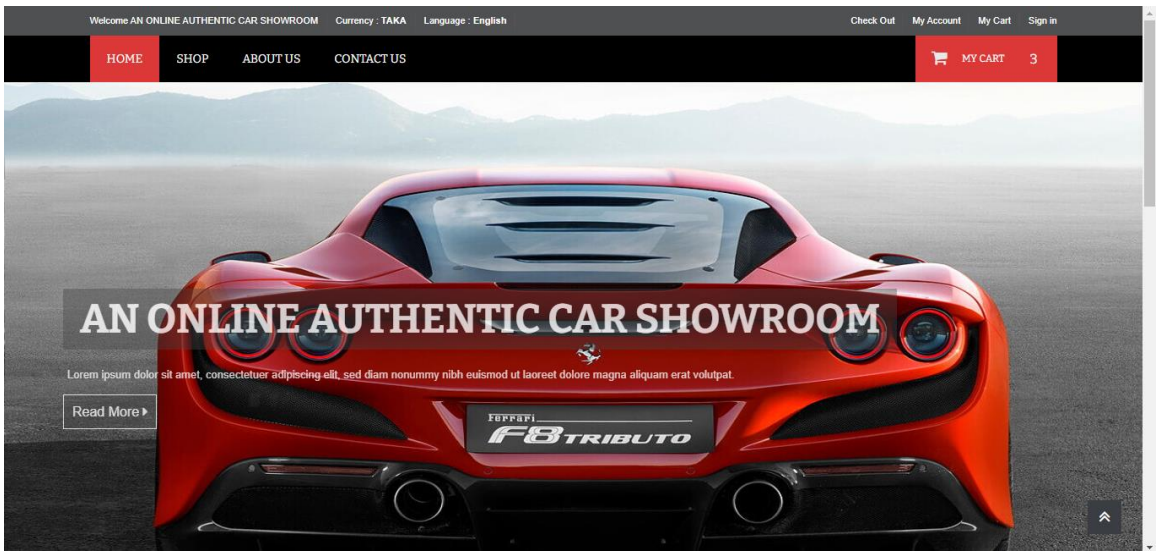

Fig 4.1.1 Dashboard

4.1.2 Login & Register page

Users may sign into our software using their password and username on this webpage. Any user who does not meet these conditions is not permitted to buy anything from our website.

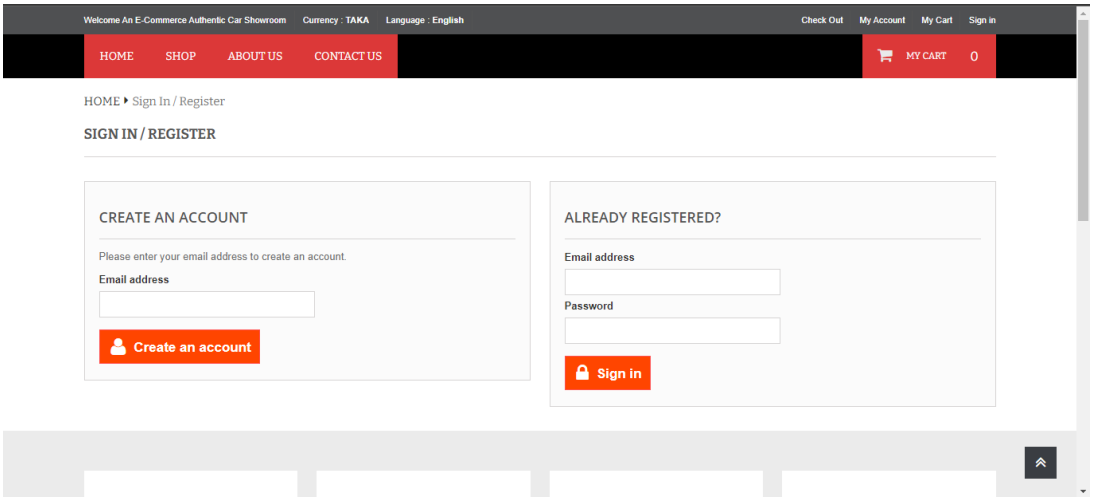

Fig.4.1.2 Login and Registration Page

4.1.3 Available Cars

All available Car information describes in this interface.

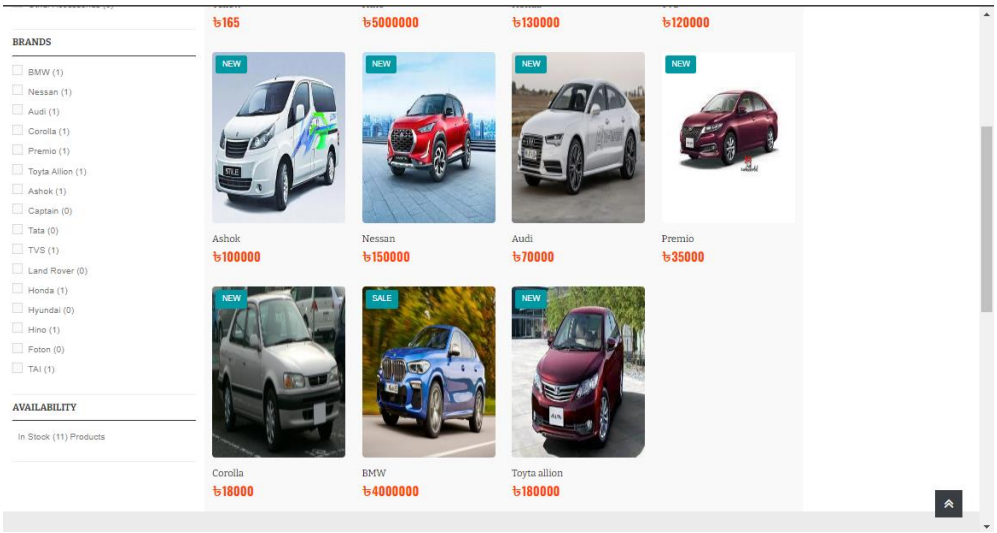

Fig.4.1.3 All available Cars

4.1.4 Individual Car Description

This is the individual Car description in this interface.

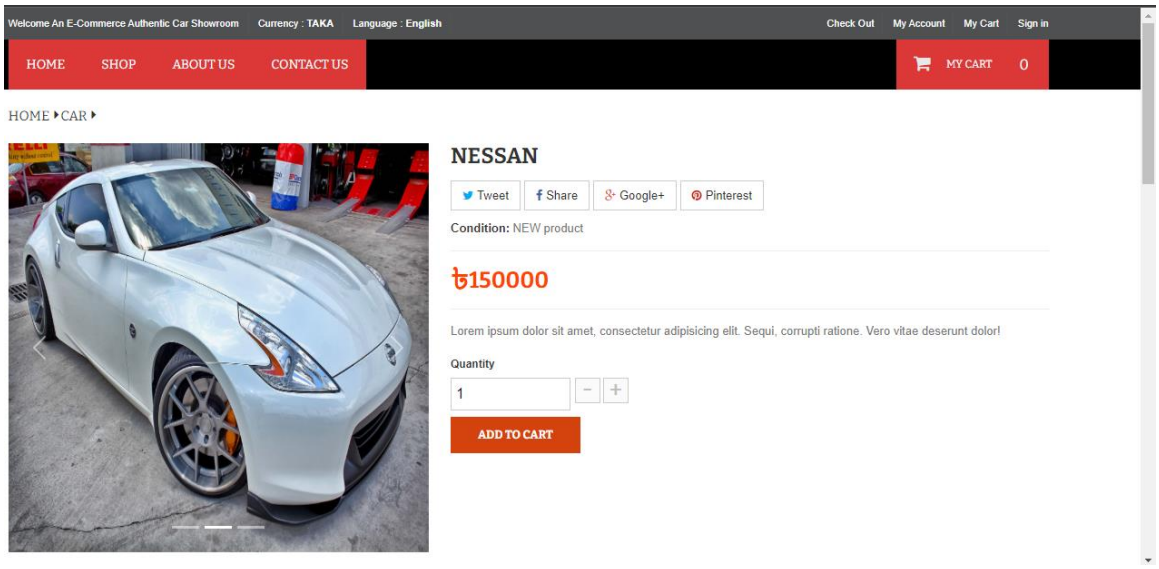

Fig.4.1.4 Individual Car description.

4.1.5 Admin Dashboard

This is the admin dashboard interface for SuperAdmin.

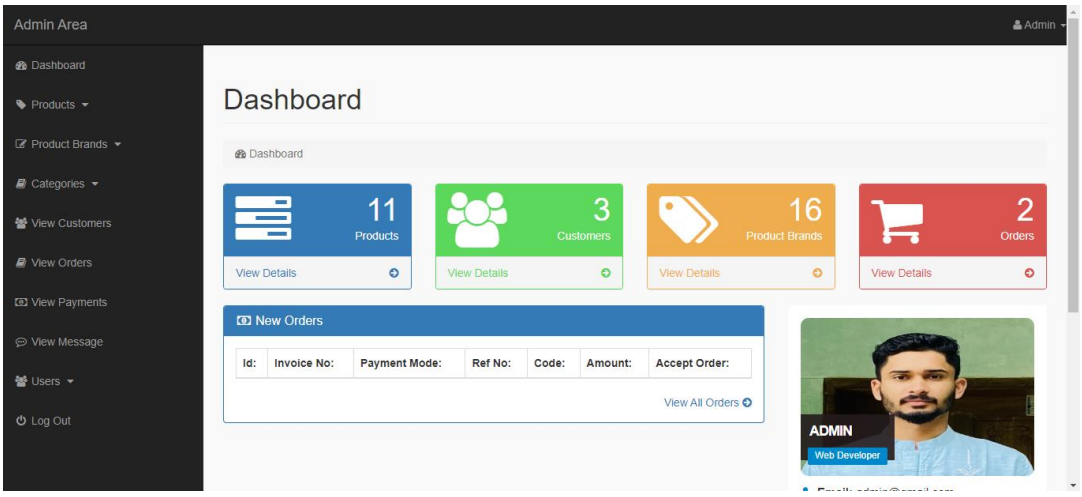

Fig.4.1.5 Admin Dashboard

4.1.6 Manage Orders

This is the manage order page for admin.

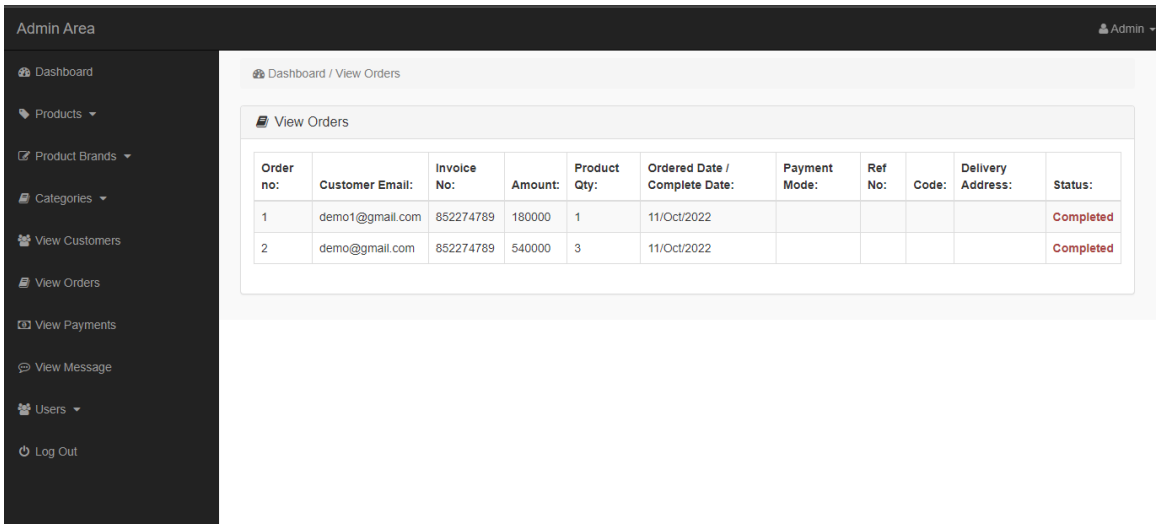

Fig.4.1.6 Manage orders

4.1.7 Add User

Admin can make another admin from this page.

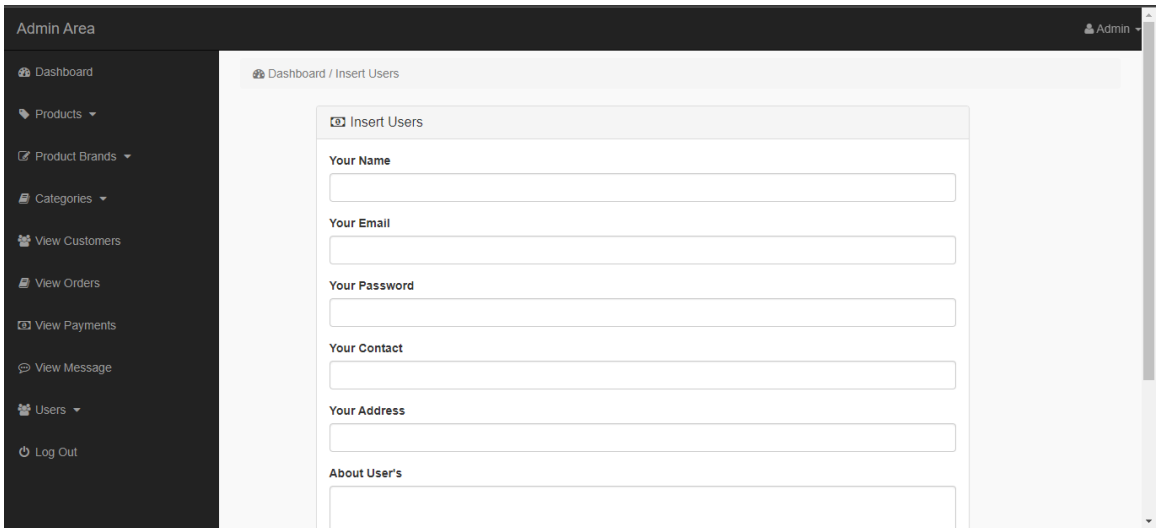

Fig.4.1.7 Add user

4.1.8 Add products

Admin can add products from this page.

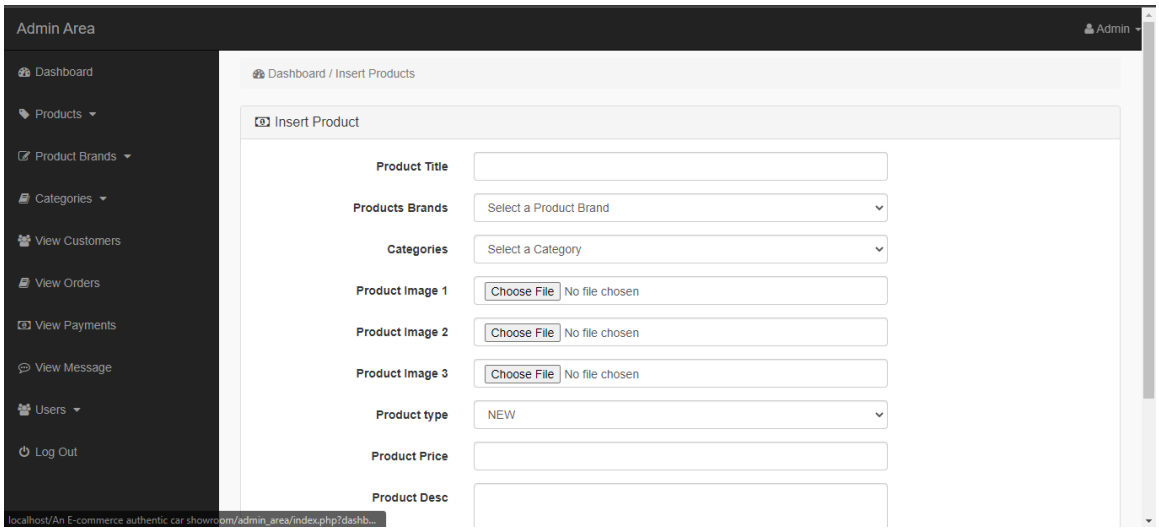

Fig.4.1.8 Add products

4.1.9 Manage products

Admin can manage products from this page.

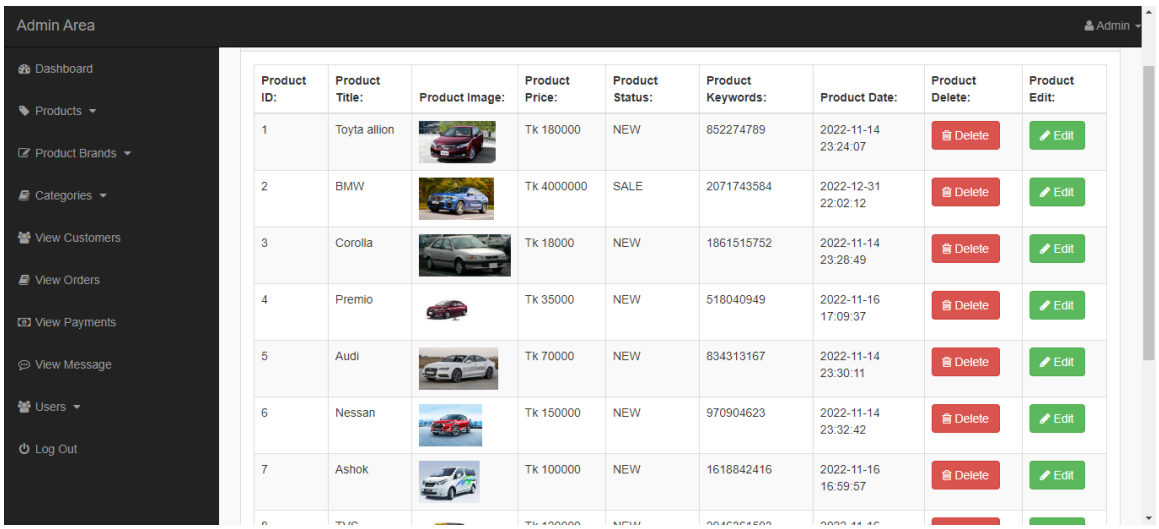

Fig.4.1.9 Manage Products

4.1.10 User Dashboard

After log in user can see this dashboard.

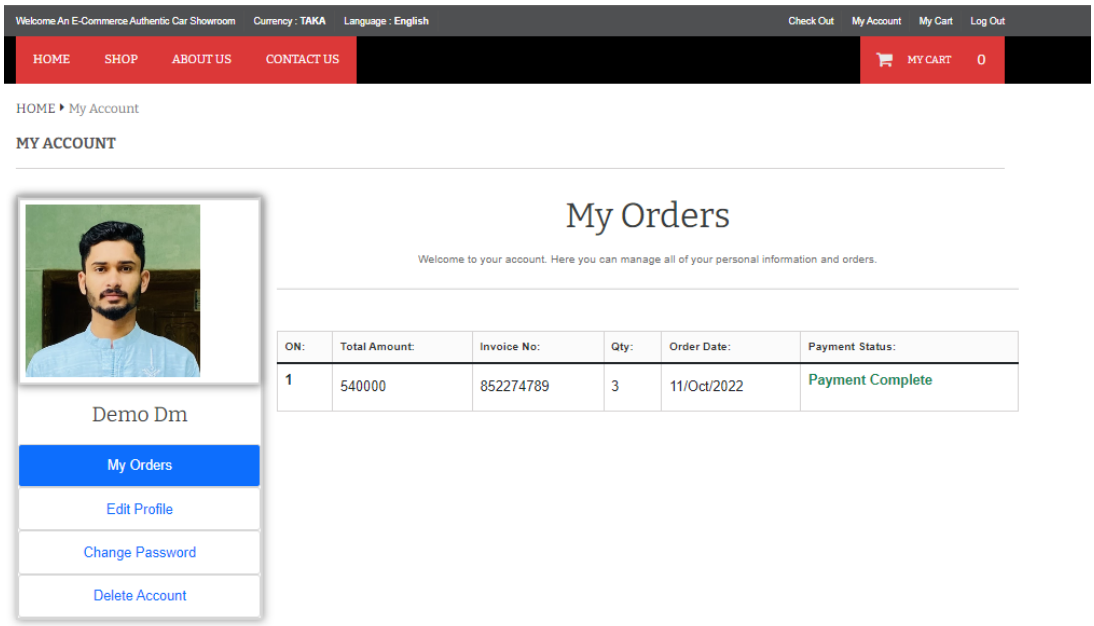

Fig.4.1.10 User Dashboard

4.1.11 Bill Payment

User can pay their Car price by this section.

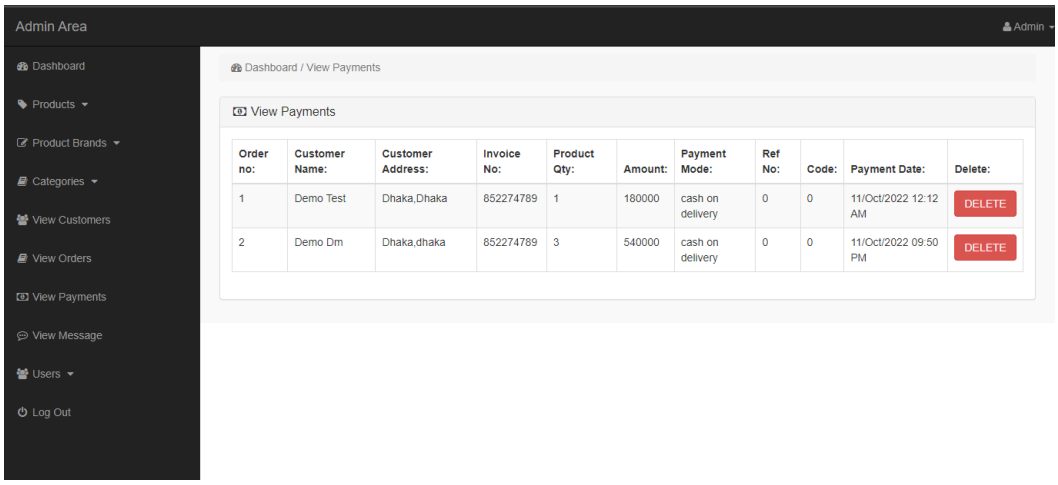

Fig. 4.1.12 Bill Payment

4.2 Back-end Design

The back-end structure is the center of a project. This design determines how well a full set of services. For this part, React JS was used as the computer program.

4.2.1 VSCode

For coding part, we used HTML, CSS, Bootstrap and PHP.

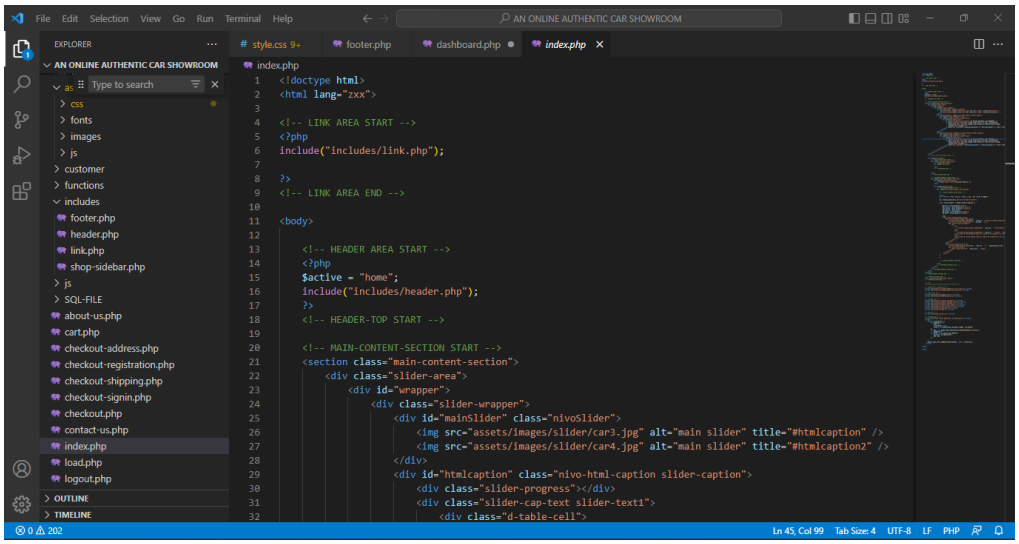

Fig 4.2.1 VSCode

4.2.2 Manage Database

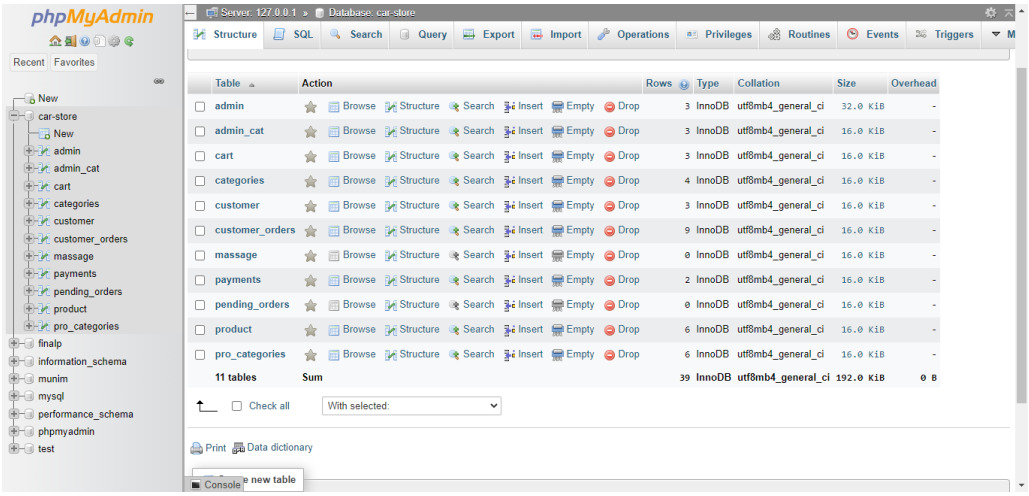

Fig 4.2.2 Manage Database

4.2.3 Server

We use our server using Xampp.

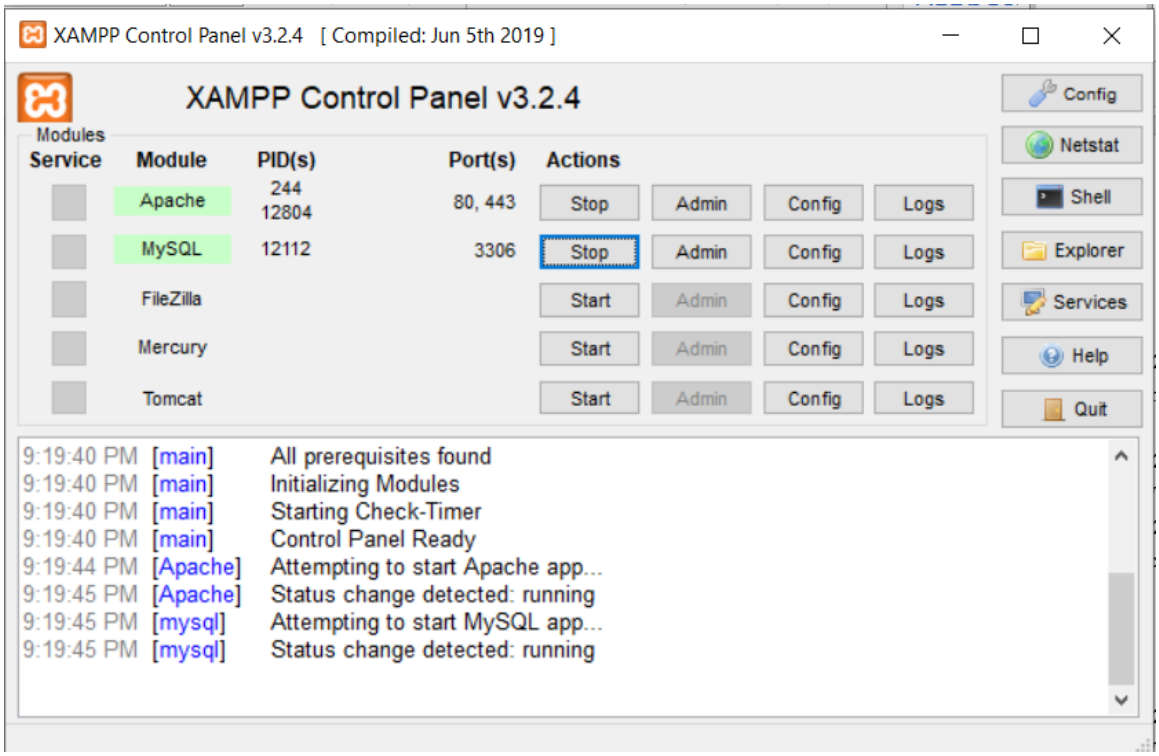

Figure 4.2.4: Xampp

CHAPTER 5

Implementation and Testing

5.1 Implementation of Database

For database implementation,

PHPMyadmin

5.2 Execution of Front-End Design

We employed a few languages to Carry out the interface design. For the engineering side, HTML, CSS, Bootstrap, PHP, and JavaScript were utilized.

5.3 Interactions' Implementation

Communication with individuals is essential for developing any venture. The more we interact with one another, the easier it will be to Carry out any idea successfully.

We did share our strategy with a few of our family members and acquaintances. We added certain items by sharing, and we erased some things that we thought wouldn't work.

5.4 Implementation of Testing

We'll use deployment to integrate any idea into a system. Every step of the system implementation must be tested. If we do this, the process of fixing any errors will be streamlined.

5.5 Test Results and Reports

Test results and findings are essential for creating presentations. so that we could keep track of when each problem occurs and assess if it has been fixed. If we don't prepare a report, the chance that we'll leave an error unfixed increase. To display the findings and

produce a report, you need a table containing all the information about these errors. We also generated a detailed test table which we would use in our project because of this.

table for our application.

TABLE 1: A TEST CASE FOR THE APPLICATION

Test Case Type	Details	Expected Result	Actual Result	Status	Date
Log in Admin	**Log in as admin**	**Log in**	**Logged in successfully**	**Pass**	**05-09-2022**
Log in User	**Log in As User**	**Log in**	**Logged in successfully**	**Pass**	**05-09-2022**
Register	**Register as user**	**Register**	**Registered successfully**	**Pass**	**05-09-2022**
Add Car	**Add new Car information**	**Add Car**	**Updated successfully**	**Pass**	**05-09-2022**
Delete Car	**Delete Car**	**Delete**	**Update successfully**	**Pass**	**05-09-2022**
Book or purchase	**Purchasing New model car**	**Purchase**	**Booked Successfully**	**Pass**	**05-09-2022**

CHAPTER 6

Impact on Society, Environment and Sustainability

6.1 Impact on Society

The administration of Car showrooms is currently a highly popular topic in our culture. Due to the fact that different people are interested by motorCars in varied ways, this website has substantially simplified our lives in a few crucial aspects. When all varieties of information, particularly purchasing, are always available, a web application draws consumers.

The triumphs and improvements on this list are quite remarkable.

- It has enabled people to fully understand the many varieties of Cars.
- It is easy to get all changes and information.
- Its great takeover control allows consumers to determine the best type of Car.
- This software may be used by users to learn about different Car brands, capabilities, and pricing points.

The ideas that were previously discussed are crucial.

6.2 Impact on Environment

Any modification to the atmosphere favorable or unfavorable—resulting from the operations, goods, or operations of a facility is referred to as a contributed to improving. It could also be used to describe the effects that people's decisions and deeds have on the surroundings.

6.3 Ethical Aspects

It is a thorough document that outlines the objectives of the system while taking into consideration its administrative, technical, and financial aspects. The industry experts

might improve routine work thanks to these suggestions for all-business apps. Our primary goal is to safeguard all Car aficionados. It's critical to have a thorough grasp of each type of Car. Here, the customer may choose the type that suits them the most. Users' choices of resources affect the knowledge that we could additionally get through the app. The most great Car model at the time must be displayed when an user enters into our database using the proper information. Our perspective board first looks like this. The "View All" option displays every Car model.

To correctly determine a user's job status, this is necessary. Users' selected items are maintained in a Card list. Adhere to the privacy options of Google Play Storage, Cloud, Realtime, and JWT, the third-party content providers that the program uses. The complete backend is under the control of admin. The usage of this WT token authenticates the user from both the administration and user sites.

6.4 Sustainability Plan

The available platforms is fueled by ongoing competitiveness and is knowledge-based. Although a smartphone feature was created today, it will soon be replaced by another with additional capabilities, which will make the first request less valuable. For this, we want to develop our start sending with some pretty aggressive ambitions. Customers may get this web application for nothing. You could find any information more quickly by browsing. Without advertising, use will be considerably more pleasurable. Users of our program will save money across all industries every time they use the app thanks to arrangements we will build with many different nations' companies, versions, and features. This will increase their likelihood of using our app. We're having issues with our program.

CHAPTER 7

Conclusion and Future Opportunities

7.1 Future Opportunities

To make our program more visually appealing to consumers, we must tweak a few things. On this website, administrators can approve pending bookings, but they are unable to view the user site's payment confirmation. We'll include this feature in the upcoming version of our program. On our webpage, there is no comparability area. Future plans include adding a comparison tool that would let customers contrast two or more Cars.

7.2 Limitations

No work is perfect. Although we tried to make a bug and error free application, but still, we have some limitations.
In near future we will surely going to try to remove all these limitations.

7.3 Discussion

Finally, we'd like to quickly talk about our initiative, which entails developing a dynamic online tool for controlling various web-based systems. Since about a year ago, this idea has been on our minds. Later, with Allah's blessing, we just create it. These initiatives are just the most straightforward methods we could come up with for managing any kind of internet system. We think people from all around the country will consider this training to be extremely helpful. To conclude, we would like to say a few words about this initiative, which was started and effectively finished. From the start of this project, we just learned a great deal of stuff.

7.4 Conclusion

We'd want to identify and explain our endeavor, which involves creating a dynamic online interface for managing various web-based systems, before we wrap up. This thought has been on our thoughts since around a year ago. Eventually, we simply make it with Allah's favor. These projects are just the simplest solutions we could think of for controlling any form of internet system. We anticipate that individuals from across the nation will find this education to be of great value. We would want to wrap up by saying a few final words regarding this endeavor, which was begun and successfully completed. Since the beginning of the project, we have just gained a ton of new information.

REFERENCES

[1] Learn about MySQL Available at:

https://en.wikipedia.org/wiki/MySQLlast accessed on 15.08.22 at 02:00 AM

[2] Learn about phpMyAdmin Available at:

https://www.phpmyadmin.net/last accessed on 15.08.22 at 02.00 AM

[3] Learn about Localhost Available at:

http://localhost/ last accessed on 15.08.22 at 02.00 AM

[4] Learn about Xampp Available at:

https://www.apachefriends.org last accessed on 15.05.22 at 02.00 AM

[5] Learn about Tyres-Bangladesh , available at <<

https://www.tyres-bangladesh.com/tyres/dunlop/108;, last accessed on 25-01-2023 at 12:00 PM.

[6] Learn about Tyres-Bangladesh, available at;

https://www.dunloptires.com/ last accessed on 25-01-2023 at 12:00 PM.

[7] Learn about Tyres-Bangladesh, available at;

https://www.tyreexpress.ebitdit.com/brands/dunlop-tyres/ last accessed on 25-01-2023 at 12:00 PM.

[8] Learn about BMW.bd, available at;

https://www.bmw.com.bd/en/all-models/5-series/sedan/2021/bmw-5-series-sedan-highlights.html

last accessed on 25-01-2023 at 12:00 PM.

[9] Learn about BMWusa, available at;

https://www.bmwusa.com/buy-online.html last accessed on 25-01-2023 at 12:00 PM.

[10] Learn about Carshop, available at;

https://www.carshop.com/used-cars/bmw#choose-closest-store last accessed on 25-01-2023 at 12:00 PM.

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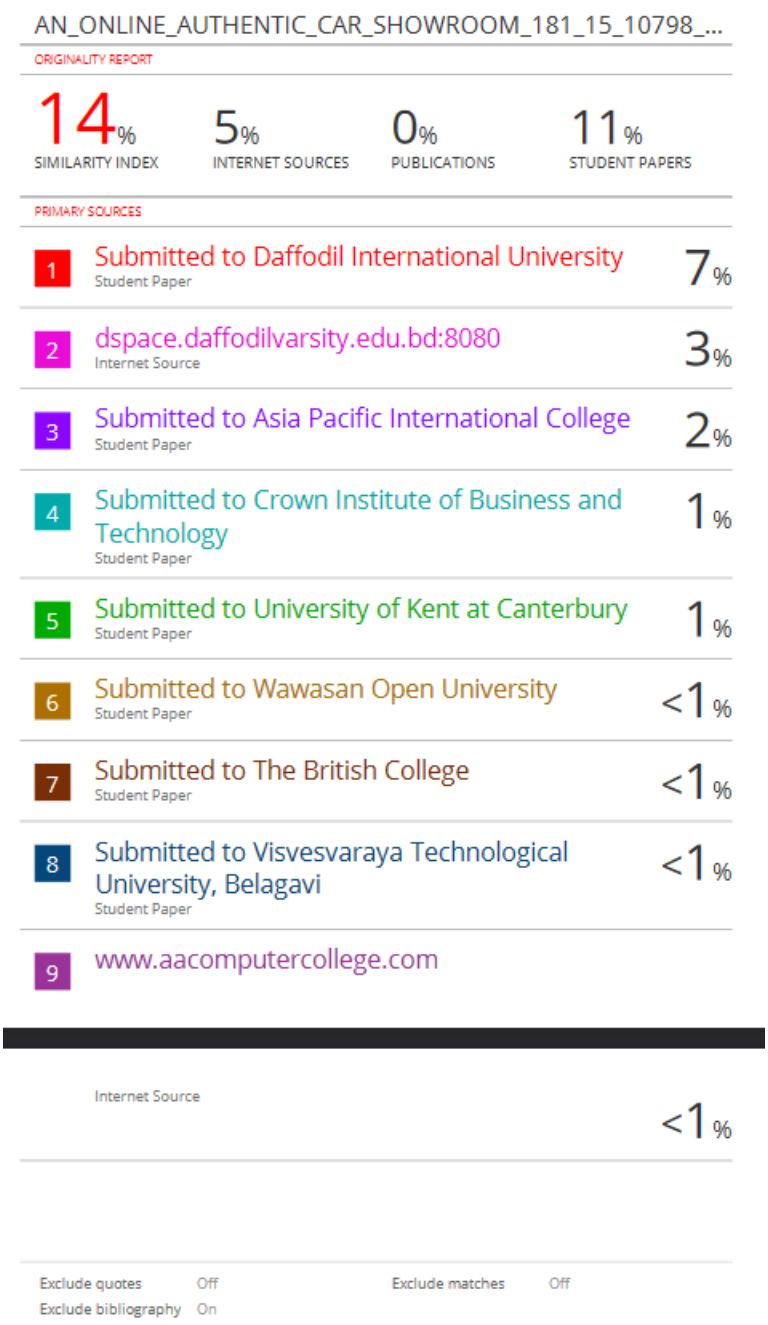

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