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**TITLE OF THE PROJECT: Vehicle Fuel Oil Supply Management
System**

Submitted to:

Mrs. Nayeema Rahman

Senior Lecturer & Research Coordinator

Department of Computing & Information System (CIS)

Daffodil International University **Submitted**

by:

Md. Al Amin Hossain

ID: 191-16-431

Department of Computing & Information System (CIS)

Daffodil International University

APPROVAL


This Project titled “**Vehicle Fuel Oil Supply Management System**”, Submitted by **MD AL AMIN HOSSAIN**, ID No: **191-16-431** to the Department of Computing & Information Systems, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computing & Information Systems and approved as to its style and contents. The presentation has been held on 03-03-2021.

BOARD OF EXAMINERS




Mr. Md Sarwar Hossain Mollah
Assistant Professor and Head
Department of Computing & Information Systems
Faculty of Science & Information Technology
Daffodil International University

Chairman



Ms. Nayeema Rahman
Sr. Lecturer
Department of Computing & Information Systems
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner



Mr. Minhaj Hosen Internal Examiner

Lecturer

Department of Computing & Information Systems
Faculty of Science & Information Technology Daffodil
International University

Dr. Saifuddin Md. Tareeq
Professor

Department of Computer Science and Engineering
Dhaka University, Dhaka



External Examiner

DECLARATION

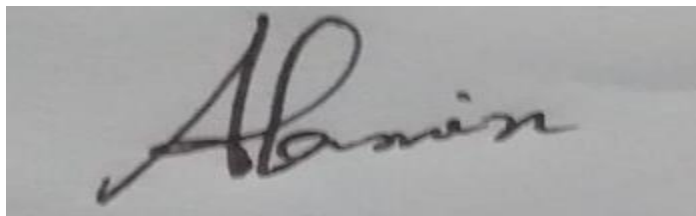
I hereby declare that this project has been done by me under the supervisor of **Ms. Nayeema Rahman**, SR. Lecturer of the department of CIS of Daffodil International University. It is also declared that neither this project nor any part of there has been submitted anywhere else for the award of any degree, diploma, or other qualifications.



Ms. Nayeema Rahamn
SR. Lecturer

Department of Computing & Information Systems
Faculty of Science & Information Technology Daffodil
International University

Supervisor



MD AL AMIN HOSSAIN
191-16-431

Department of Computing & Information Systems
Faculty of Science & Information Technology Daffodil
International University

Student ID:

Acknowledgement:

Firstly, I would like give thanks to Almighty for keeping me in good health to make this project and project documentation. Then for helping me to make project documentation, I would like to give thanks to my course Supervisor “**Ms. Nayeema Rahman**” Mam for giving me suggestion about the writing. Lastly to those people (my friends and family members) who inspire me to create this beautiful project all the time.

MD AL AMIN HOSSAIN

Student ID: 191-16-431

Daffodil International University

Dedication



Executive Summary

The project (**Vehicle Fuel Supplies Management System**) is online business platform where people from around the world can buy at low prices without travelling for searching the right product. The online platform which is a website is made in a way that people can choose the category of the product they want and can see every information's that are related to the product. For the payment part mostly used gateway is used and other policies have been maintained as per the regulations of the government authority (Chang, 2016).

The documentation prepared for the project contains several parts such as the business evaluation part in which the proposal is provided. In the proposal most of the evaluative part about the business process is given (Anon., 2017). Next is the feasibility part, in which technical, economic and financial feasibilities is discussed. Along with it, the digital system idea and how it will be performed in real life world is given. The Final part is testing and

the assessment of the system. In this section, different types of testing such as the unit testing, integration testing is given and in the assessment part the experience of the developer is shared and the future of the entire system is discussed in terms of business perspective.

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Chapter 1 – Introduction

In the recent years it is seen that shopping system has been changing throughout the world and people instead of going to the shopping mall or other small pavilions they have started to shop more in this trend. It is online shopping. In this shopping system, people can shop their desired products without going physically to the shops. The categories that people mainly choose is the food, grocery items, fashion items clothes etc. and customers now taking it positively (Anon., 2020). Beyond this, some business people now starting different business in the online platform. In this, vehicle and machine fluid is a new items and developed world companies such the Shell, Mobil, British Petroleum are now starting their business in online system. Along with it, some business man those who take dealership from such companies, now started to invest largely here, not just selling such vehicle fluids but also industrial machine oils. Here, it is need to say that, as growing part of the industrialization, more industries are growing in under developed countries such the South Asian region (Prasad, 2016). To fulfill the needs of the vehicles and industries, this web system has been built so that, without wasting valuable time, customers can order them and use it properly. The system developed for this project is a web system. Online fuel selling is a website which is for selling a bulk amount of fuel products through online service. This system is working to shelter all revisions such as initial, feasibility, analysis, design, implementation, testing. This system is developed with HTML, CSS, Object Oriented PHP, JavaScript, jQuery and also MySQL. The planned system primary goal is to achieve the user's requirements.

Chapter 2 – Initial Study

Project Proposal

Introduction:

Fuels and other fuel related material are demanding products in the local and international market and day by day its pure product is becoming highly demandable to the people. It is because; pure fuels and oils can give better performance and helps to keep machine health in good condition. Also, good fuel can save owners money as in small quantity it can do a lot of activities.

Background of the project

From the beginning of the industrialization in 18th century people find it difficult to run machines and other machine related materials without its oil. Since then around the world demand of machine oils have increased in quite good amount. After the invention of gasoline engine in 19th century which is required for running vehicle later marine and aircraft engines, the demand of different variation of fuels especially high quality fuels are on the peak of demand globally. Although through sea route fuels such as crude oils are supplied across the globe but still there is a demand of quality branded fuels and oils from global users. Vehicle engine fuels have many variations such as due to its thickness, chemical structure variation, heat produce, engine variation etc. Many countries import raw crude which is then refined using local refinery and then distributed for usage. Here problem arise because refineries make only a single grade fuel which is not good for every engine model. Modern engine and machine makers sometimes suggest particular brand or lubricant models for better and optimum performance which also increase lifetime of a product.

Fuels from the oil refinery are distributed and available all over the world and prices are comparatively cheap whereas the branded and packed oils and fuels is little expensive due to less import and proper distribution. In this case digital platform can provide consumers to have chance for getting branded packs of oils and fuels at low price because walk-in stores cannot provide them at low price also buying products goods cause loosing good amount of time. In this system a consumer can buy products in multiple or can buy in bulk for business. For the quality assurance, best branded products from selected countries will be sold through online platform.

Description of the proposed system:

It is a web-based online machine fluid (fuels and oils) selling service in which people of any type can buy their required fluid type products for machines. Here machine means not only vehicles but also many types of small or large type mechanical objects such as generators, dynamos; transformers etc. Such machines need oil for their smaller mechanical parts to remain active.

In this project, the main motto is to sell such oils and purified fuels for the customers. Various brands oils and fuels from the local and international market will be available here for selling. Customers can view all products without creating an account and if they want to get some additional services, they need to create their own account. Normal visitors also can see the product price, production date, expiry date, stock, country of origin etc and for better usability, navigation will also be provided. Also, links will be there if customers want to judge the manufacturer. Along with the product images, if it is available, then manufacturers or production line videos will be provided. After selecting their desired products, the order can be placed by logging into their account and products will be delivered to addresses.

b) Proof of concept

i) Prototyping

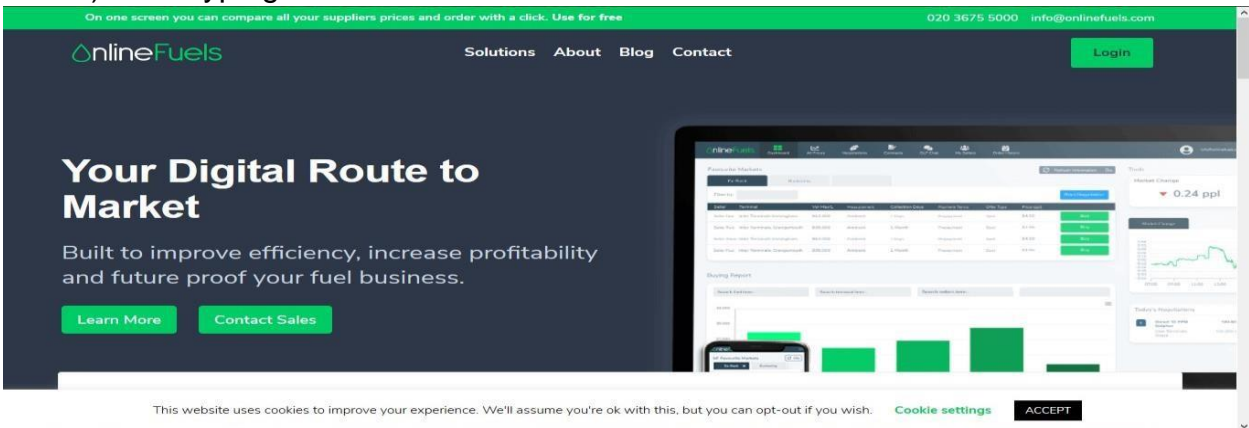


Figure 2.1: Prototyping

ii) Initial Research

Globally as the business perspective is changing day by day so, commercial forms are also changing along it. Previously people used to think small items that could be sold online however people are now thinking to generate new types of business.

In this case developed countries are thinking to sell fuel and machine oils online

and more researches are going on to dealing with it. At this moment business stakeholder are thinking of implementing it in small area but as time will go on they will take it to a bigger place.

Feasibility Study:

Operational feasibility:

Operationally this system is low expensive than others because of its appropriate design of user interface and functionalities where only the required items are shown. Also to operate it, that is for running it from server and doing maintenance of it required less time so that customers and other users get it all the time up-to-date. If this system was a mobile application like other ecommerce site, then operation cost could be more than others. To sum up for reducing the costs the implementation was done in a way where less maintenance and cost would have needed to run the entire system. For its customer to use the system, from any type of operating system they can access it without need to install any add-ons or any other application.

Technical Feasibility:

This is a web application and such systems are easy to build than mobile application and other web sites. For mobile application, developers need to know separate framework and language other than basic web development language which needs more time to implement and for maintenance also needs time to update system to work for customer. In case of heavy website where more designs are given priority require more time to develop. In this case web system helps as in most of the case language is easy work and maintenance needs lower time which results in more useful for its users for using it.

Economic Feasibility:

It is the cost analysis of running the web system and the impact that will happen in the coming days. In previous part it is stated that this type of systems cost less than other expensive system in terms of developing, deploying and maintenance. Developers for building such applications are available and for building and deploying to use as real life application requires low charges and time as a result very less time. In terms of maintenance less time is required when engineers do their job and get to work in very short time.

Market research analysis:

Operational feasibility for running a web application is better than any other type of system (Djavanshir, 2011) and in future cost will decrease more. Technically in present times more developers are available to do web application and remunerations are comparatively lower than other system engineers (Anon., 2014). In case of economic feasibility like other web projects cost of this system is lower than others and can stakeholders will be benefitted from it (Miraslaw, 2014).

Foundation

Aims, objectives and scope

Outline of Aims:

The aims of my project are given below-

- i. Development of a good web service.
- ii. Providing customer with good products from both markets.
- iii. Building a faith among customers about online service.
- iv. Get acquainted with brands which are not available in our country.

Outline of Objectives:

The objectives of my project are given below-

- i. Making a resourceful website about mechanical fluids not just selling products.
- ii. Searching option for the users.
- iii. Secured information system for the active users who provide every detail of their machines.
- iv. Instead of using texts, images will be used for locating products.
- v. Admin can take feedback from current customers and visitors to enhance the quality of product and services.

Outline of Scope

The objectives of my project are given below-

The first possibility for this project is the local customers who are seeking good and genuine products. It is because only the original products can enhance the machine

eligibility for performance. Also, there are some people who are aware of their time, do not want to spend the day searching for the really goods. In this case, such people can be our good target. Next are the people who are very choosy in buying goods. They only select the products which are of highest quality and are very sensitive to it. These are the possible targets, where we can sell our products the most.

Background of the project

The background of the project is making a website which is like other buying and selling business website but only particular type of products will be sold here. Other ecommerce sites sell multiple types of products but this online sell platform will provide only industrial machine oils and vehicle fluids. The complete project is making in a way that all the requirements that are needed by end users are met and also the requirements of the stakeholders.

Problem Area

The problem area goes to the easy accessibility of the system as well the maintainability of the entire system. It is because technically every stakeholder wants a system that will boost up their business but along with it, it can be changed anytime with any developer to meet every possible requirements of the business. On the other hand, customers or visitors want such system that will be easy to navigate and find every product for shopping. To sum up, customers at the end of shopping focus strictly on the payment system. Refining all the problems the areas are given in bullet points

- Finding realistic requirements that matches customer requirements ➤ Produce a good maintainability website for stakeholder.
- Producing a good database.
- Find the best solution for the financial transaction.

Possible Solutions

There are multiple ways for the solutions from the problems that are described above. The best solution is described below.

- There are lots of requirement that can be given to the developers in which some of them are unrealistic and some are futuristic. By analyzing the actual

requirements that are needed for users from observing different sites, the final requirements can be pointed out.

- Every product stakeholder wants a product can be easily maintained when any change is needed. The website will be made of simple coding which will be beneficial for the maintenance technicians to be easily maintained.
- A robust database is needed for every web platform or web system. In this case the most widely type of database system such as the SQL will be used.
- Financial transaction is a very important subject for online shopping. In this case the most trusted gateway system such as MasterCard, Visa, JCB will be used. For the local people mobile financial transaction will be used. (Agarwal, 2019)

Chapter 3 – Literature review

Problem domain based on published article

The problem domain is based on the distance based online shopping where people can get their desired products. There are lots of e-commerce types of online platform from where customers can get their desired product. But among them some customers have different products demand which are not available at those online shops (Sunitha, 2014). Also as the different commodities markets are expanding in the online area, so such selling area should also have to expanded for customer ease of shopping

Solution based on published article

There are number of solutions that researchers give. Among them, selling such items in online but on different system is suggested more. In online system two methods are followed one is mobile application and another is web system. Mobile application may offer some flexibility but can cause hassle while usage such as installation, requirements might not fulfill for user's smart phone, some application cannot be available in few countries. However web application, is safe to use in that case (Lim, 2016). No installation is required and can be accessed from anywhere. Also till now no web application is blocked by any other countries and everyone has positive views for it.

Comparison of the solution

There are number of web applications or web site share there where the online fuels oils are being sold. Although this process is known in the developed countries but in developing countries it is introducing. Some of them are discussed in below:

1. PetrolPump.com (Anon., 2021)

My PetrolPump is a big online fuel selling platform where sell Petrol in India. This Pump is providing different categories of Petrol.

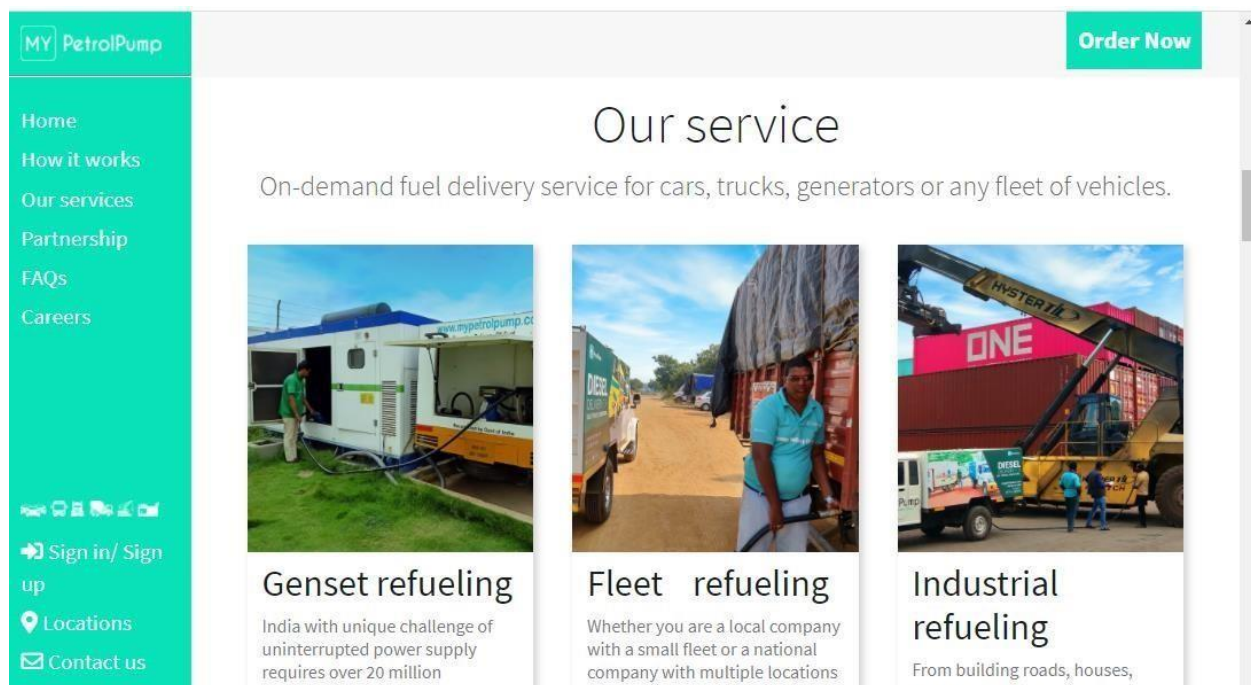


Figure 3.1: My PetrolPump online fuel oil selling website

Best Features:

- Sign up and Sign in procedure.
- Partnership Opportunity
- Demand fuel delivery Service
- Location Access
- Payment procedures are involved.

Limitations:

- System interface is not containing too much function.
- System haven't customer's feedback procedure

2. Mjlb.com (Anon., 2021)

MJL Bangladesh Limited is a motor fuel Mobil oil service. Here sells motor Mobil oil in Bangladesh.

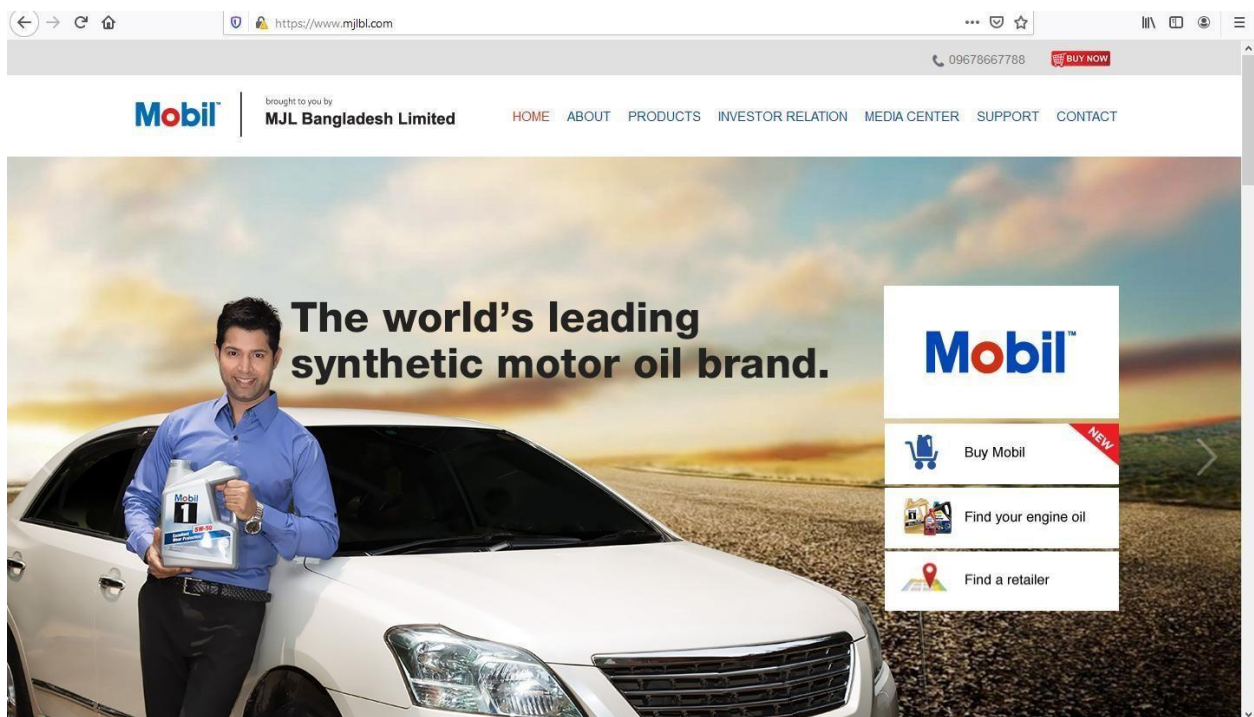


Figure 3.2: MJL Bangladesh Limited fuel oil selling website

Best Features:

- Sign up and Sign in procedure.
- Different categories of fuel oil products
- Customer support

- Investor relation reports

Limitations:

- System function is not so much dynamic.
- Provides fewer information about Mobil fuel oil

3. Indian Oil (Anon., 2021)

Indian Oil is one of the biggest fuel oil supply system. Here Sells different categories of fuel such as diesel, petrol, octane etc.

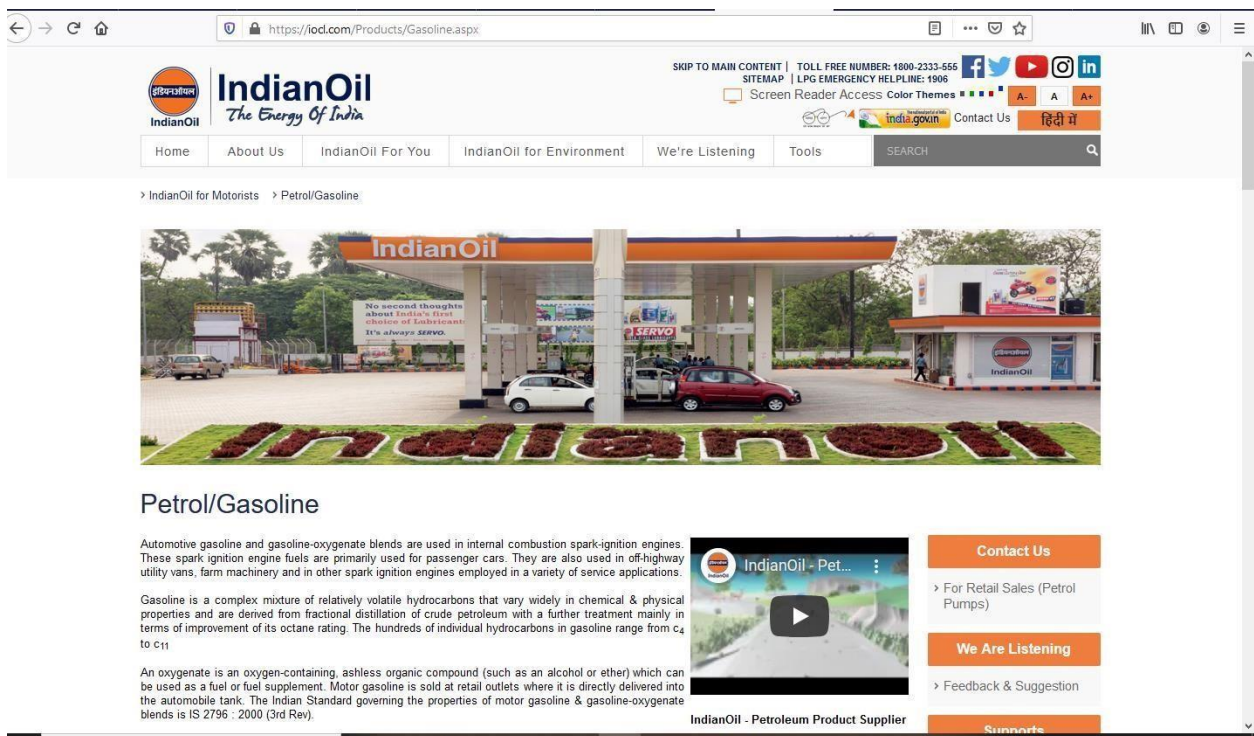


Figure 3.3: Indian Oil fuel oil selling website

Best Features:

- Different categories of fuel oil products
- Customer support

Limitations:

- System function is not so much dynamic.

- Not standard interface design

Recommended methodology

By observing three vehicle fuel oil Management System online business stages, I have discovered a few highlights that should be remembered for my system. In the accompanying, I have depicted those below:

- i. Interface and nav-bar should be eye-catching.
- ii. Vehicle Fuel Oil product category should be all around outfitted and administrator can add new Vehicle Fuel Oil product category in business change.
- iii. Vehicle Fuel Oil product displaying and imaged ought to be eye-catching.
- iv. Register Customer can just purchase Vehicle Fuel Oil product.
- v. Some type of payment technique should be executed.
- vi. Other client can visit our website and see our website and Vehicle Fuel Oil product.
- vii. Customer can see outline on Vehicle Fuel Oil product and give survey on it
- viii. Register client can see Vehicle Fuel Oil product affirmation status.
- ix. Quality client support should be given.
- x. GPS following ought to be incorporated for Vehicle Fuel Oil product shipment with the goal that clients can see precisely where their item is.

Chapter 4 Methodology

Development methodology is preferred by every modern company now days. Previously only simple type of planning was made for the production of any products. But due to stakeholder demand increasing within a limited time methodologies have become popular.

What to use

There are number of Methodology that is in use for the product development. As the project is IT based so agile methodology will be good to use. In previous many international projects Agile methodology played a great success in the project success. Among the agile methodology, DSDM framework can be used.

Why to use

There are number of frameworks for IT based projects usage, among them Agile Methodology is mostly used. It is because the Agile methodology is made in a way that it fits into every works of the project and led every tasks to accomplish perfectly. For this project, Dynamic System Development Method (DSDM) will be best to use because this framework focuses on the stakeholder's requirement, deadline, quality control etc. These will help the stakeholder to get the project on time and put the product into real life usage.

Sections of methodology

There are several sections of the DSDM framework. They are discussed below

1. Focus on the business needs

The framework is designed to make focus on the actual needs for the business process. There can be other needs in a business but only the required needs are considered here.

2. Deliver on time

Every product that are made with this framework is delivered on a given time. Limiting the time can cause more financial and business risk.

3. Collaborate

The collaboration between the workers are maintained here for proper finishing of every tasks and the final completion of project.

4. Never compromise quality

The quality is never compromised in this project, considering the time of the entire project, every task is done seriously and quality is given most priority.

5. Build incrementally from firm foundation

Foundation planned for any project using this framework is raised with a strong foundation so that the middle and ending part always goes as good like the user's requirement.

6. Develop Iteratively

Each of the tasks part are checked rigorously before going to the next part. Until the task is of any part is completed accurately developer process the works again until it is perfectly finished.

7. Communicate continuously and clearly

This framework is made dedicatedly to have finished a project with a good communication with the stakeholders. For building the accurate project that should be completed according to the stakeholder needs, communication need to be maintained perfectly to understand every need of them

8. Demonstrate control

The tasks should be controlled according to the supervisor. It is needed because unless the chunk of task is completed perfectly the final finish cannot be provided for the deployment. In this case the demonstration should be maintained after each tasks.

Chapter 5 – Planning

Project Plan

In any type of project, plan is essential to reach goal. A project plan describes project goals and targets, decides tasks and how destinations will be achieved, perceives what resources will be required and related monetary plans and timelines for completion. A project plan describes whole work in a project and make a distinction who will do it. Generally, project plans will be clarified in this part containing work break down structure, time boxing and also Gantt chart. These are given below:

Management Plan / Work Breakdown Structure (WBS)

Work Breakdown Structure (WBS) is vital work for any type of project. Work Breakdown Structure has isolated the project works into all part within bounded time. Work Breakdown Structure will be the effective method to finish the entire project by finishing the each and every task.

Serial Number	Title Name	Time Duration	Start Date	End Date
01	Initial Study of Project	7 Days	09/10/2020	16/10/2020
02	Project Proposal	9 Days	19/10/2020	28/10/2020
03	Analysis of the Project	4 Days	28/10/2020	02/11/2020
04	Design of the Project	9 Days	03/11/2020	12/11/2020
05	Implementation of the Project	26 Days	13/11/2020	09/12/2020
06	System Testing	5 Days	07/12/2020	11/12/2020
07	Project Documentation	10 Days	14/12/2020	25/12/2020
08	Final Project	4 Days	27/12/2020	31/12/2020
	Total Time =	74 Days		

Figure 5.1: Work Break Down Structure































Time Duration / Time Boxing

Time Boxing is vital part for doing a fruitful project within bounded time. Now I have given the time boxing below:

Time Box	Task Title	Resource Name
T 1	Introduction	Analyst, User
	Initial Study	Analyst
	Literature Review	Analyst
	Methodology	Analyst, User
T 2	Planning	Analyst, Team Leader
	Nonfunctional requirement	
	Feasibility	Analyst, User
	Foundation	Analyst, Designer, Developer
	Exploration	Analyst, Designer, Developer
T 3	Engineering	Analyst, Designer, Developer
	Deployment	Designer, Developer
	Testing	Developer, Tester, User
	Implementation	Analyst, Developer, User
T 4	Critical Appraisal	Analyst
	Evaluation	Analyst
	Lessons Learned	Analyst, Designer, Developer, Tester
	Conclusion	Analyst

Gantt Chart

Gantt chart is one of the most useful chart in the project development. In this chart a complete timeline is given about the project and durations are also provided.

 Title ↑	T/M	Start	End		%	
<input type="radio"/> Initial Study of Project	 T ▾	10/09/2020	10/16/2020	6 days		
<input type="radio"/> Project Proposal	 T ▾	10/19/2020	10/28/2020	8 days		
<input type="radio"/> Analysis of the Project	 T ▾	10/28/2020	11/02/2020	4 days		
<input type="radio"/> Design of the Project	 T ▾	11/03/2020	11/12/2020	8 days		
<input type="radio"/> Implementation of the Project	 T ▾	11/13/2020	12/09/2020	19 days		
<input type="radio"/> System Testing	 T ▾	12/07/2020	12/11/2020	5 days		
<input type="radio"/> Project Documentation	 T ▾	12/14/2020	12/25/2020	10 days		
<input type="radio"/> Final Project	 T ▾	12/27/2020	12/31/2020	4 days		
<input type="radio"/> Total Days	 T ▾	10/09/2020	12/31/2020	60 days		

Gantt Chart

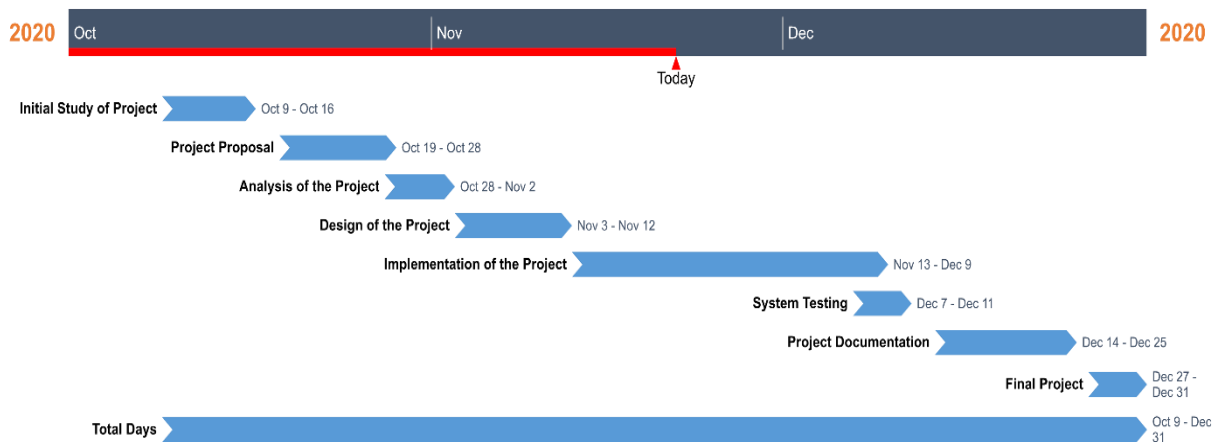


Figure 5.3: Gantt Chart of the proposed system

Test Plan

The test plan improves the project's efficiency. Without research, it is hard enough for project to meet its objectives. Test plan specifications for the ' **Vehicle Fuel Supplies Management System** ' project will be outlined in this portion, which aims to satisfy customer needs and report the accepted research techniques.

[Testing against time boxes](#)

Testing against time boxes are given below:

User name	Example	Role	Example
Time box ID			
Time box content			

Test type	Test steps	Expected result	Actual results	Comment
Unit test				
Integration test				
System test				
Acceptance test				
Security test				
Usability test				
Reliability test				

[Required tests](#)

For making the project robust and flexible to its stakeholder, the application needs to be developed in a way that it passes all types of tests. To evaluate the defect of the device, there are several tests available. Testing defines how far the design has developed. Throughout this task, each functional and non-functional feature will be evaluated, as provided below:

Functional Testing are given below:

- Unit Testing
- Integration Testing
- System Testing
- Acceptance Testing

Non Functional Testing are given below:

- Usability Testing
- Reliability Testing
- Performance Testing
- Security Testing

Chapter 6 – Feasibility

All Possible types of feasibility

The possible types of feasibilities are operational feasibility, technical feasibility and economic feasibility.

Operational Feasibility

It means the cost that will be needed for the operation of the web system. A tabular format information is provided below:

SL	Items/Materials	Min Product Price
1	Computer	15000
2	Mobile Phone	6000
3	Tablet	9000

The above operational devices price is given to understand the amount of price that will be required for the end users to operate the web system.

Technical Feasibility

It means the amount of cost that will be needed during the development time. A table is provided below.

Serial No	Items/Equipment	Brand/Model/Unit Power	Price
1	Motherboard	Asus	8000

2	Processor	Intel(Core i3)	12000
3	HDD	1 Terabyte	3700
4	RAM	4 Gigabyte	3000
	Total Price		26700

Cost benefit Analysis

It is an analysis view of how the cost will come against the investment. A simple overview is the all over cost the production of the web system can cost up to 70700 including the manpower. As the demand is growing more and more over the years, so the return of investment can come within 2 or 3 years of period of time.

An Analysis chart is providing below

Serial No	Item/Material	Cost
1	Computer system	26700
2	Developer	20000
3	Others(electricity, internet, office expenses)	20000
4	Server	2000
5	Domain	2000
Total Expense		70700 TK

DSDM for this project

The DSDM will be good enough for this project because previously told that this framework is widely for project development and successfully this is used worldwide. There are also other frameworks such as Scrum, Xtreme Programming (XP) etc which

are also being used to develop project but as this will be focused on customer demand, so DSDM will be preferred for everyone.

Chapter 7 – Foundation

Overall requirement list

1. Customer profile Management
2. Manage Vehicle fuel oil products
3. Customer Online Support
4. Manage Vehicle fuel oil products categories
5. Manage Customers Vehicle fuel oil Order
6. Manage Customers Vehicle fuel oil Order payment
7. Admin manage customers list
8. Admin add Vehicle fuel oil products
9. Admin Manage Vehicle fuel oil products
10. Admin add Vehicle fuel oil products categories
11. Admin Manage Vehicle fuel oil products categories
12. Admin manage Customers Vehicle fuel oil Order
13. Admin manage Customers Vehicle fuel oil Order payment

Non-Functional Requirements:

1. Customers capable to see vehicle fuel oil products on home page
2. Responsive
3. Make user friendly interface
4. Maintainability
5. Reliability
6. Security of the system
7. Validation of the system
8. Data Integrity

What technology to be implemented

The technology that is to be implemented is web technology where it is server based system and with the help of internet people need to access it. Web technology is very

useful now days because without installing any application it can be used from any parts of the world. The web system is made into two parts where the admin has different section and client have another section. Both the sections are enough informative and design for the interface is fair enough.

Client Server application

Client server application, is a piece of the application that dividing tasks among servers and clients. Client Server application sends request to the remote server for receiving right to use for the information which is kept in the client mechanism. Several basic concepts about client server application are given below:

- i. A client server structure that can depend on both stage explicit and cross stage programming languages.
- ii. Cannot get to huge number of clients all at once.
- iii. Require establishment on client machine.
- iv. Client server is costly and hearty to utilize in light of the fact that solicitation can't be finished at whatever point the server fails. (Anon., 2021)

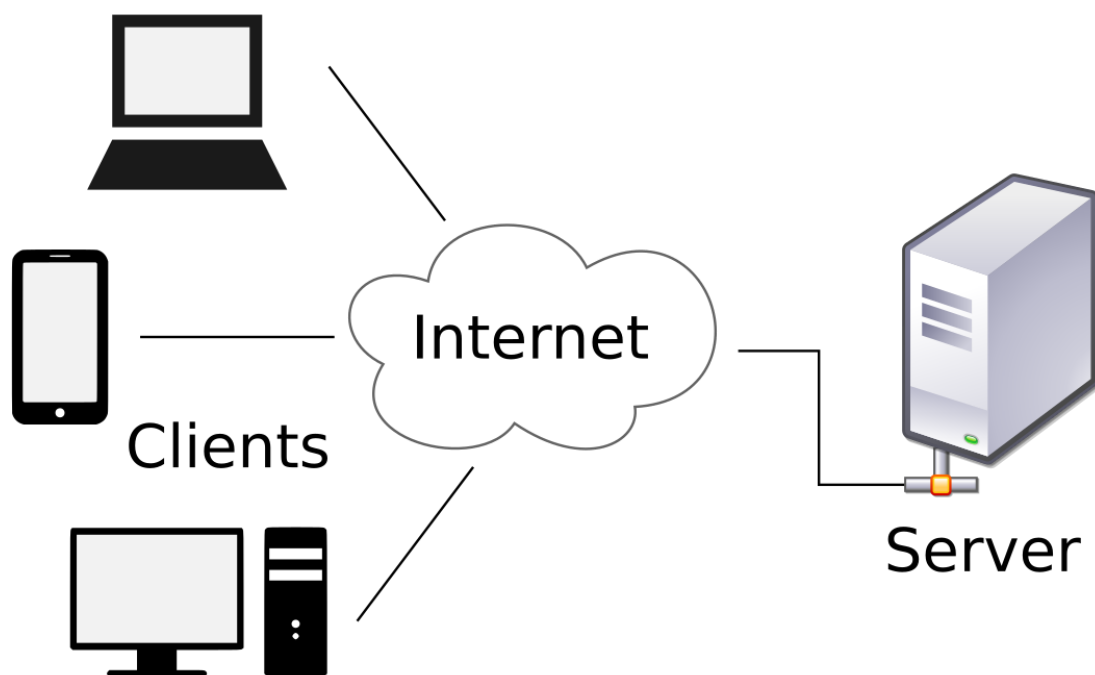


Figure 7.1: Client Server application

Web application

Web application is an application which runs on internet browser with its exceptional area name known as web application. It takes demand from customer with domain name of the site. It is stage free. Several quality of web application are given below:

- i. It utilizes multi-level architecture.
- ii. There is no requirement for any establishment.
- iii. Easy to access from multiple browsers. (Anon., 2021)

Recommendation and justification.

Recommendation

The technology that has been discussed above will be appropriate to use for this project according to the requirements that has been discussed.

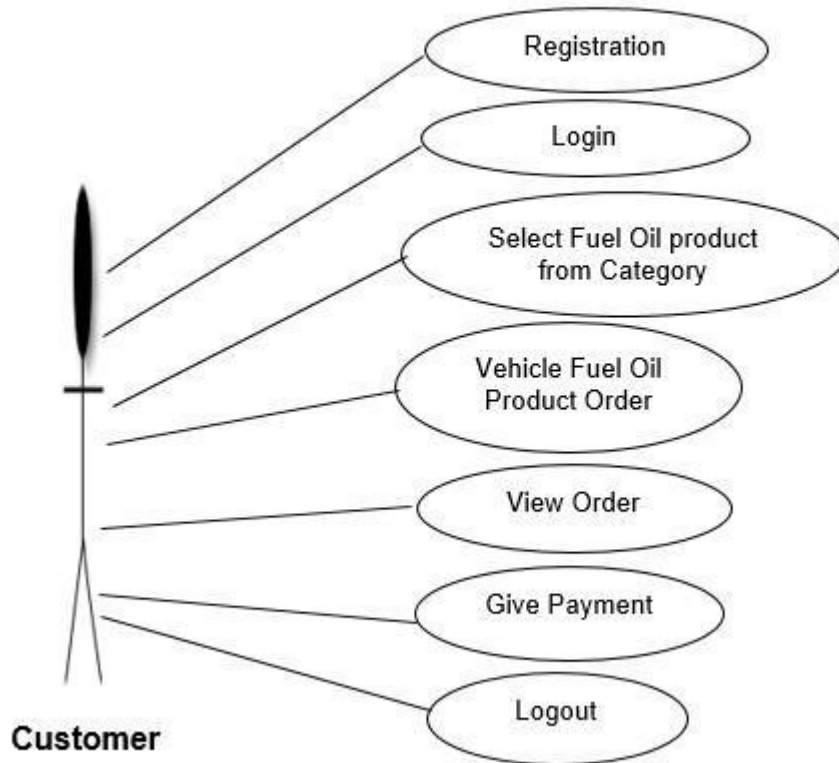
Justification

As the requirements are suitable for today's present end user requirement and as the technologies discussed above have the ability to perform such tasks also in future with such things the entire web system can be manipulated so these all can be used to implement the web system.

Chapter 8 – Exploration

Old Full System Use Case

Vehicle Fuel Oil Supply Management System



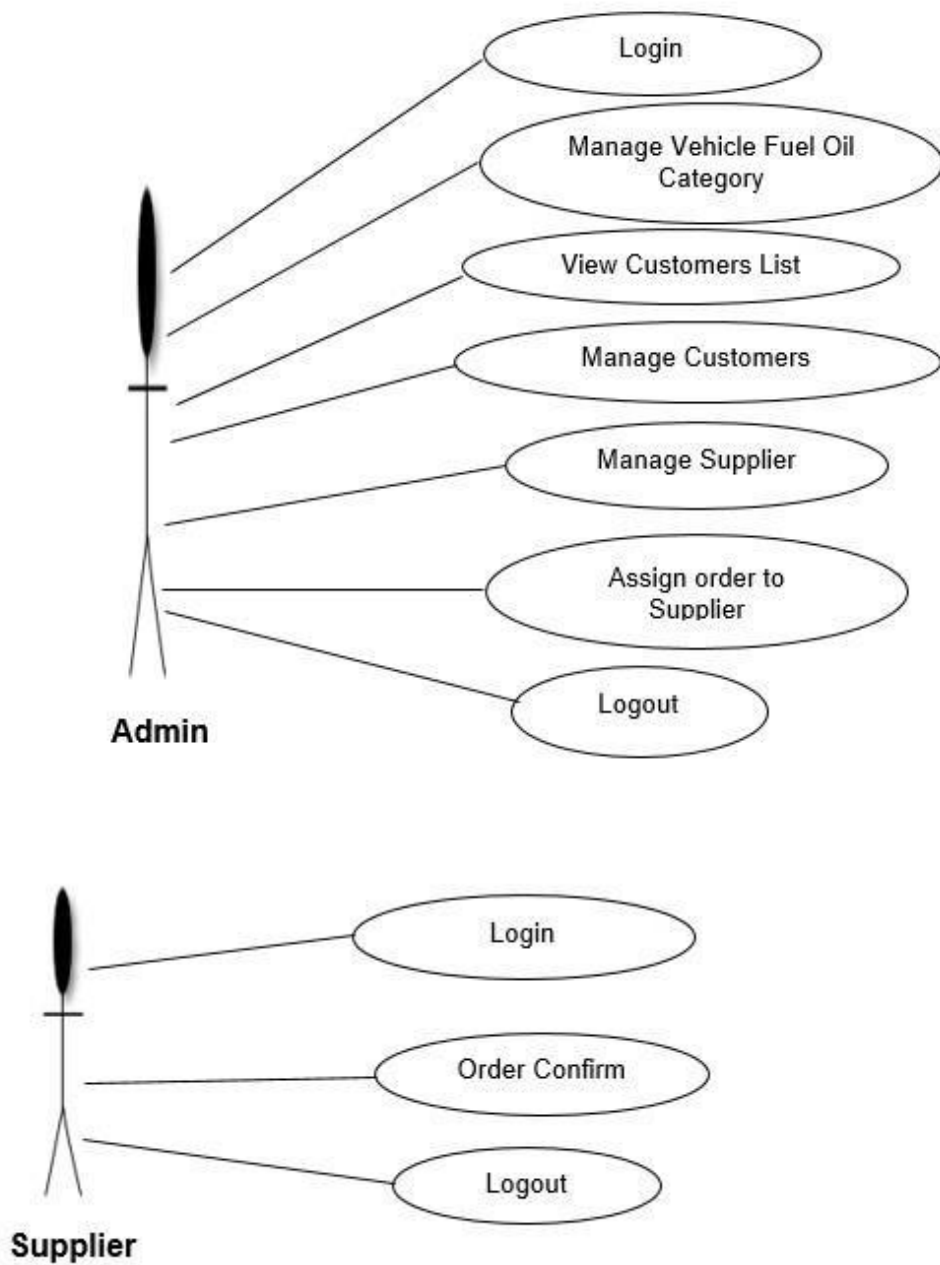
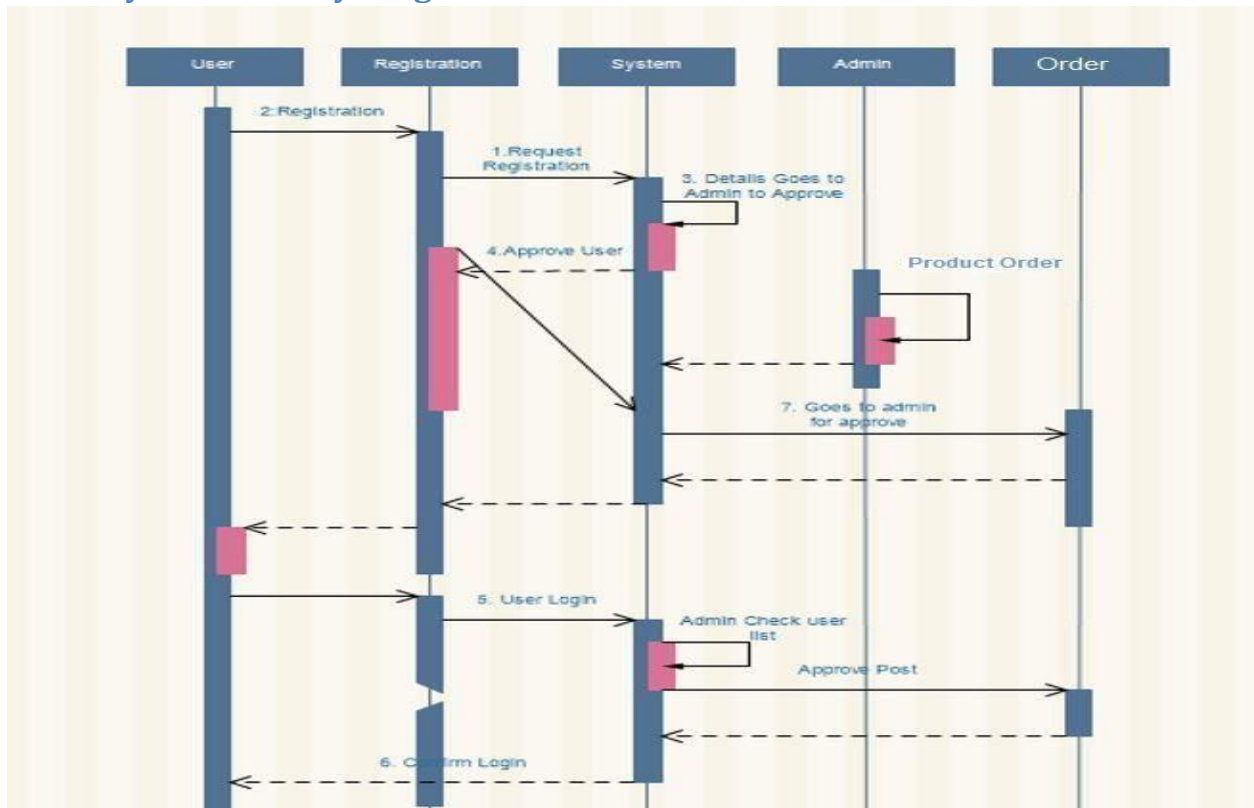


Figure 8.1: Vehicle Fuel Oil Supplies Management System Old Use Case Diagram

Old Full System Activity Diagram



Supplier

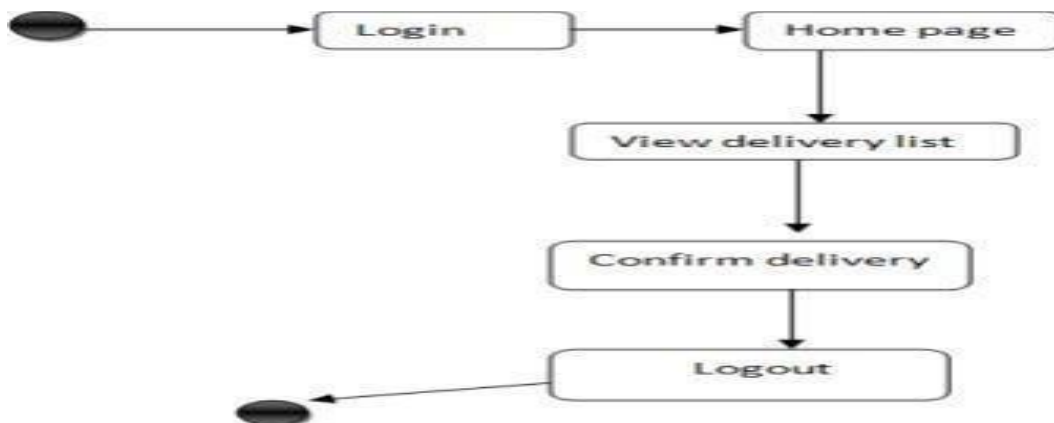


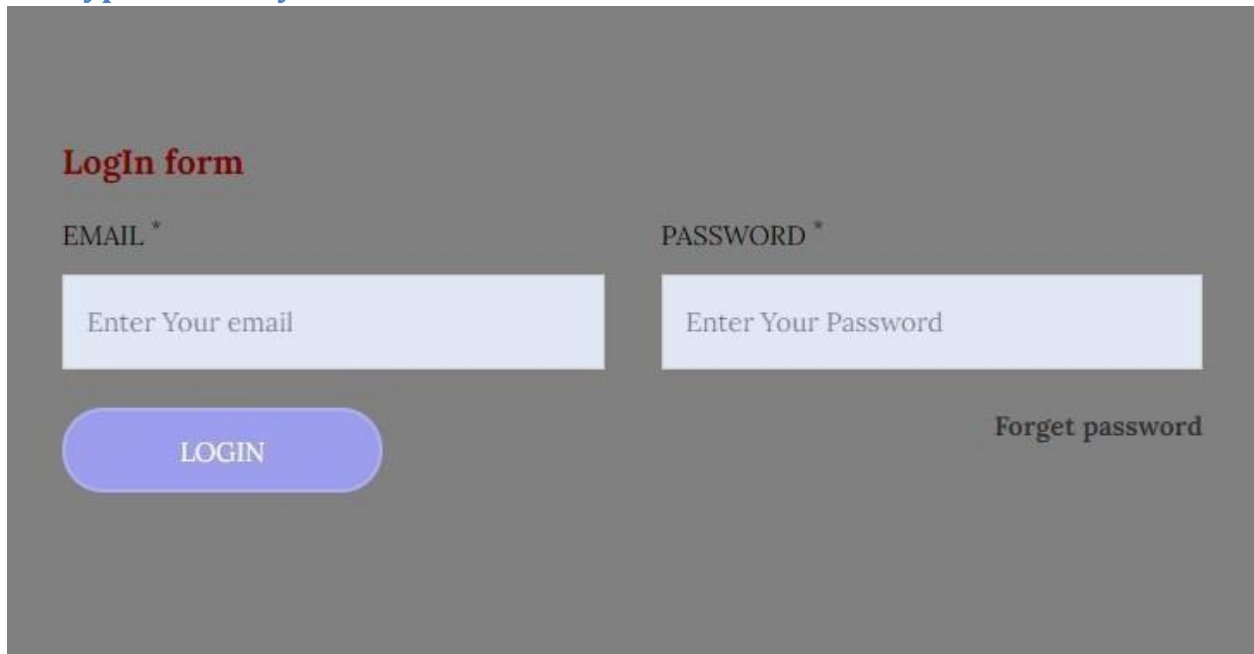
Figure 8.2: Vehicle Fuel Oil Supplies Management System Old Activity Diagram

Prioritized Requirement List (PRL)

Using MoSCoW method Prioritized requirement list (PRL) are given below:

Serial Number	Requirements	Priority
1	Customer registration	Must have
2	Customer login	Must have
3	Update Customer account	Must Have
4	Query Vehicle Fuel Oil product	Must Have
5	Add Vehicle Fuel Oil product to cart	Must Have
6	View Vehicle Fuel Oil product details	Must have
7	Remove Vehicle Fuel Oil product from cart	Must Have
8	Calculate Vehicle Fuel Oil product price	Must have
9	View Customers order details	Must have
10	View, Insert, Update and Delete Vehicle Fuel Oil product by admin	Must have
11	View Customers information by admin	Must have
12	View Customers order by admin	Must have
13	Manage Customers payment by admin	Must have
14	Manage Customers orders by admin	Must have
15	Delete Customer by admin	Must have
17	Add supplier by admin	Must have
18	Manage supplier by admin	Must have
19	Manage Monthly sales report	Should have
20	Vehicle Fuel Oil Product sales report	Should have
21	Customer Logout	Must Have
22	Admin Logout	Must Have
23	Customer Live chat	Would have
24	GPS tracking for Vehicle Fuel Oil product	Would have

Prototype of new system



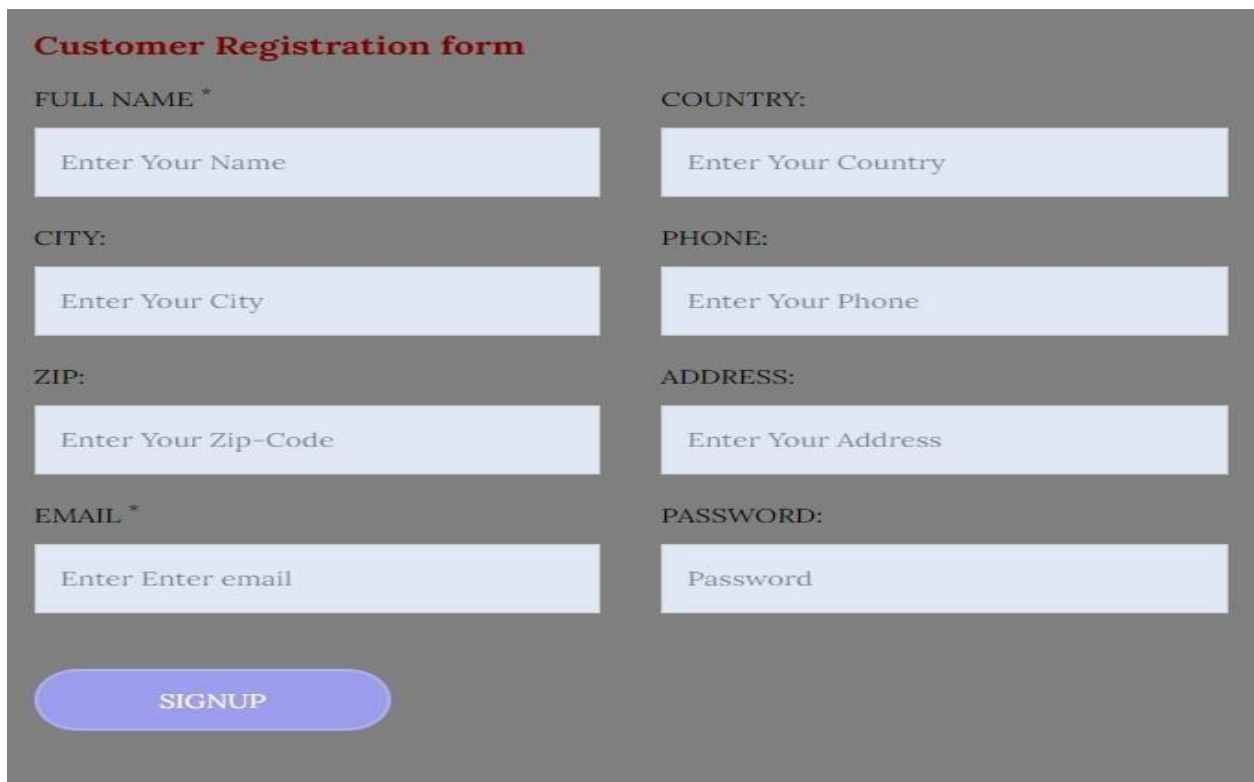
Login form

EMAIL *

PASSWORD *

[Forget password](#)

Figure 8.4.1: Customer Login Page Prototype



Customer Registration form

FULL NAME *

COUNTRY:

CITY:

PHONE:

ZIP:

ADDRESS:

EMAIL *

PASSWORD:

Figure 8.4.2: Customer signup Page Prototype

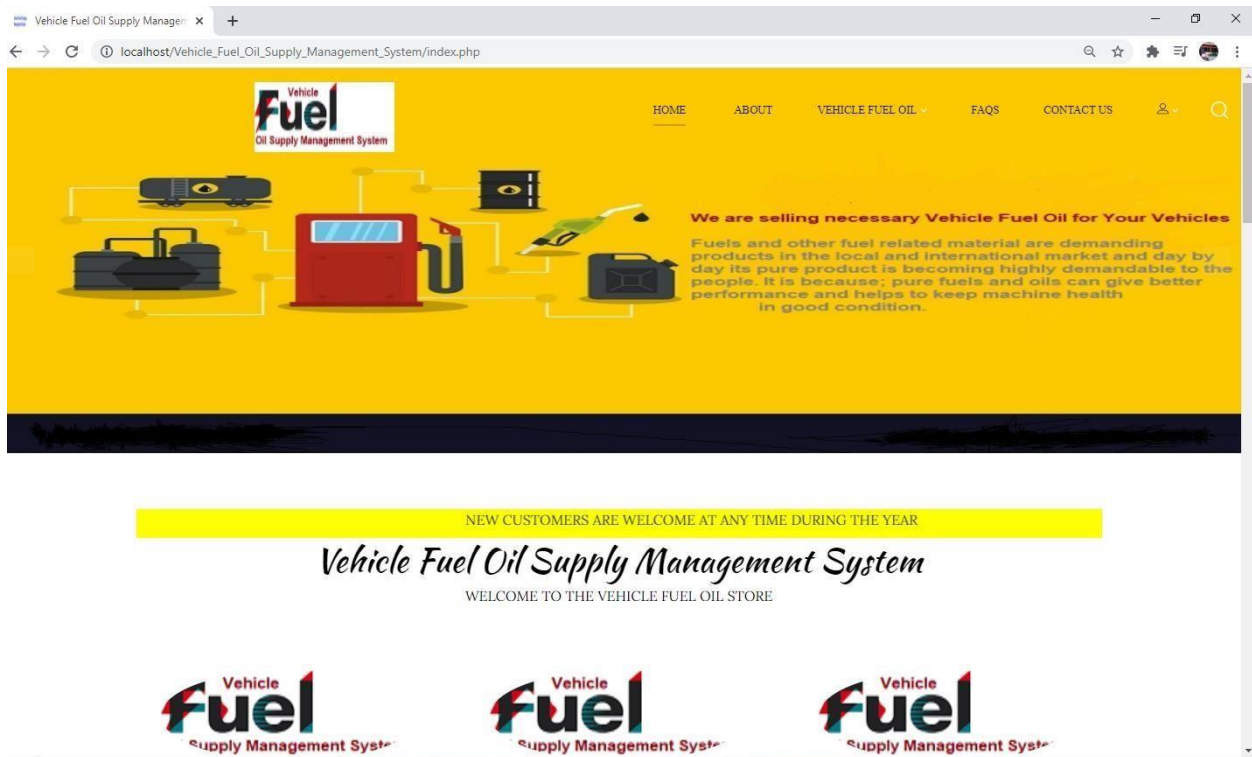


Figure 8.4.3: System Home Page Prototype

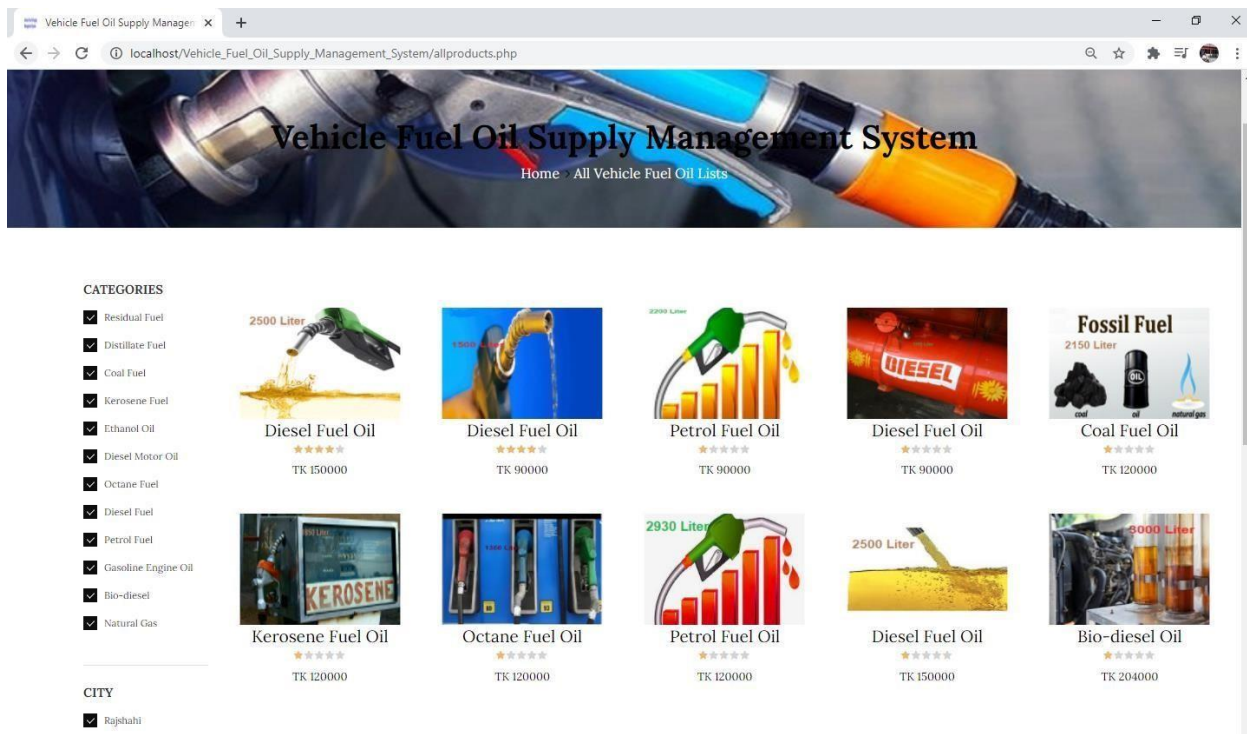


Figure 8.4.4: Vehicle Fuel Oil management system all products Prototype

ID: 191-16-431

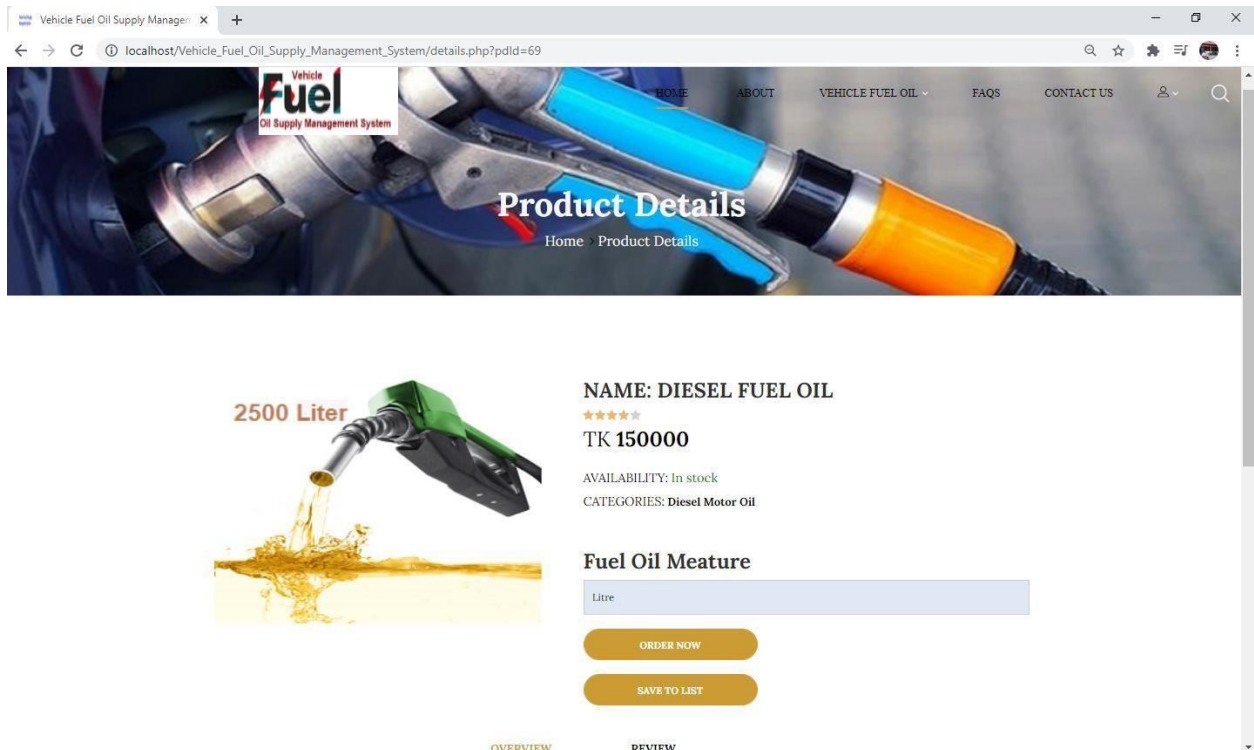


Figure 8.4.5: Add product cart with fuel oil details Prototype

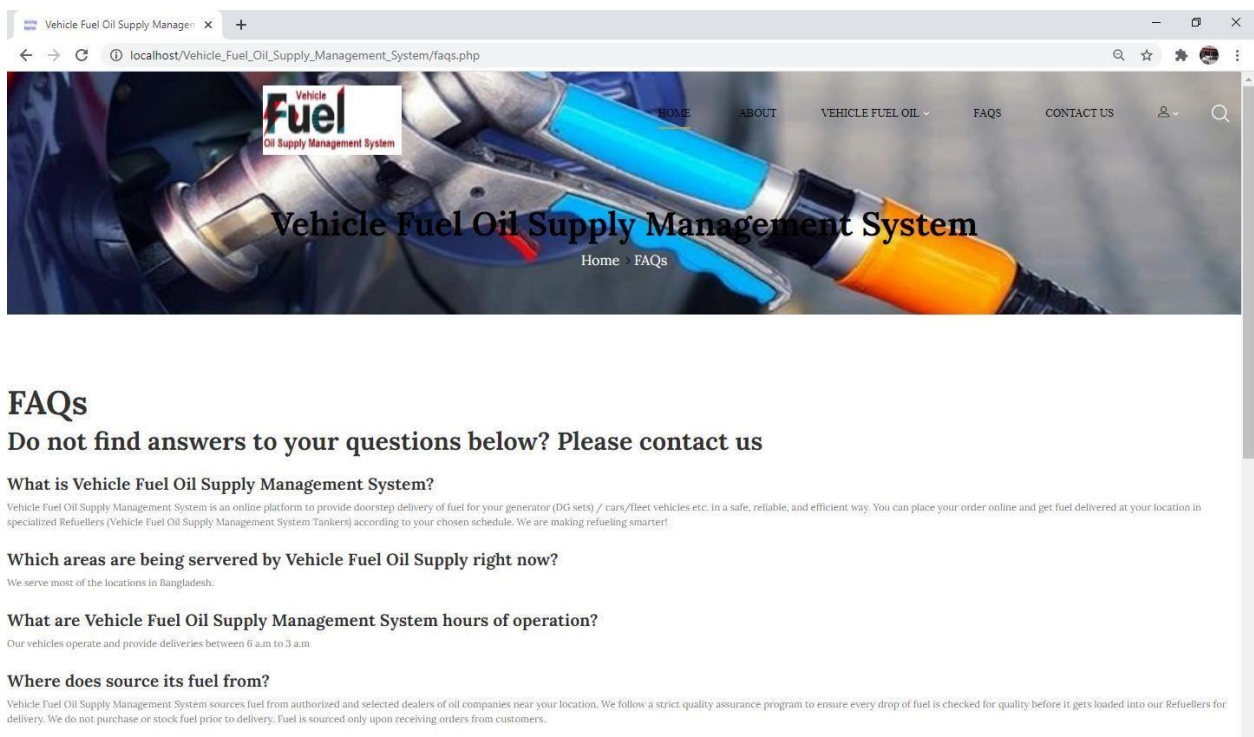


Figure 8.4.6: FAQs page Prototype

Chapter 9 – Engineering

New System Modules

New system modules support customers and gives thoughts regarding how it does its functions productively and adequately. Presently I will discuss about fundamental modules of the proposed system in below:

New System Admin Login Module

Serial Number	User Action	System Action
01	Admin click on a link	System take to admin login page
02	Admin will give required data for login and click to login	System will validate the given data and authenticate if pass authentication system take to the admin dashboard.

New System Customer Registration and Login module:

Serial No.	User Action	System Action
01	User click on the registration	After clicking on registration then system show a registration form
02	User fill up the form	After filling up the registration form then system will check data is valid or not
03	After filling up the form then user clicks the registration button to confirm registration.	After that system verify and confirm the registration
04	After finishing registration, registered user input email id and password to log in.	System will check validation of both email id and password
05	Click on the log in button	System will check valid user is logged in or not

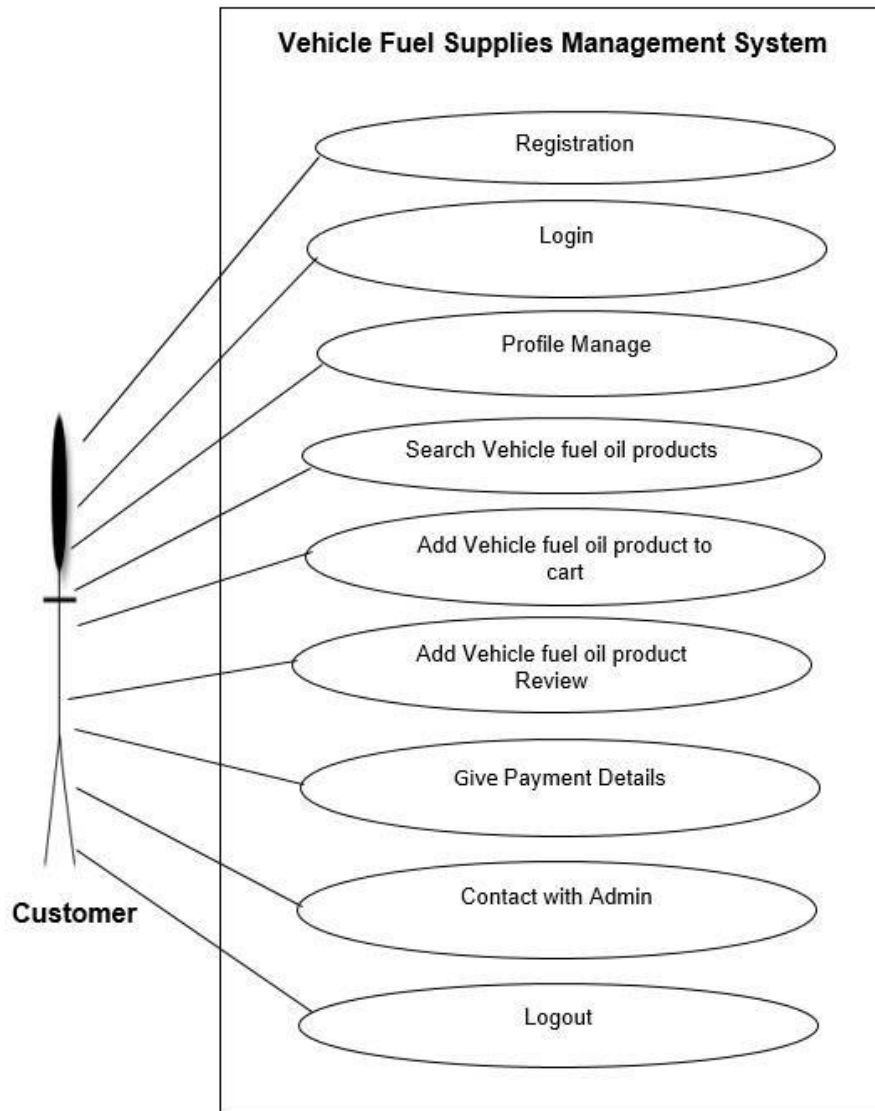
New System Buying product module:

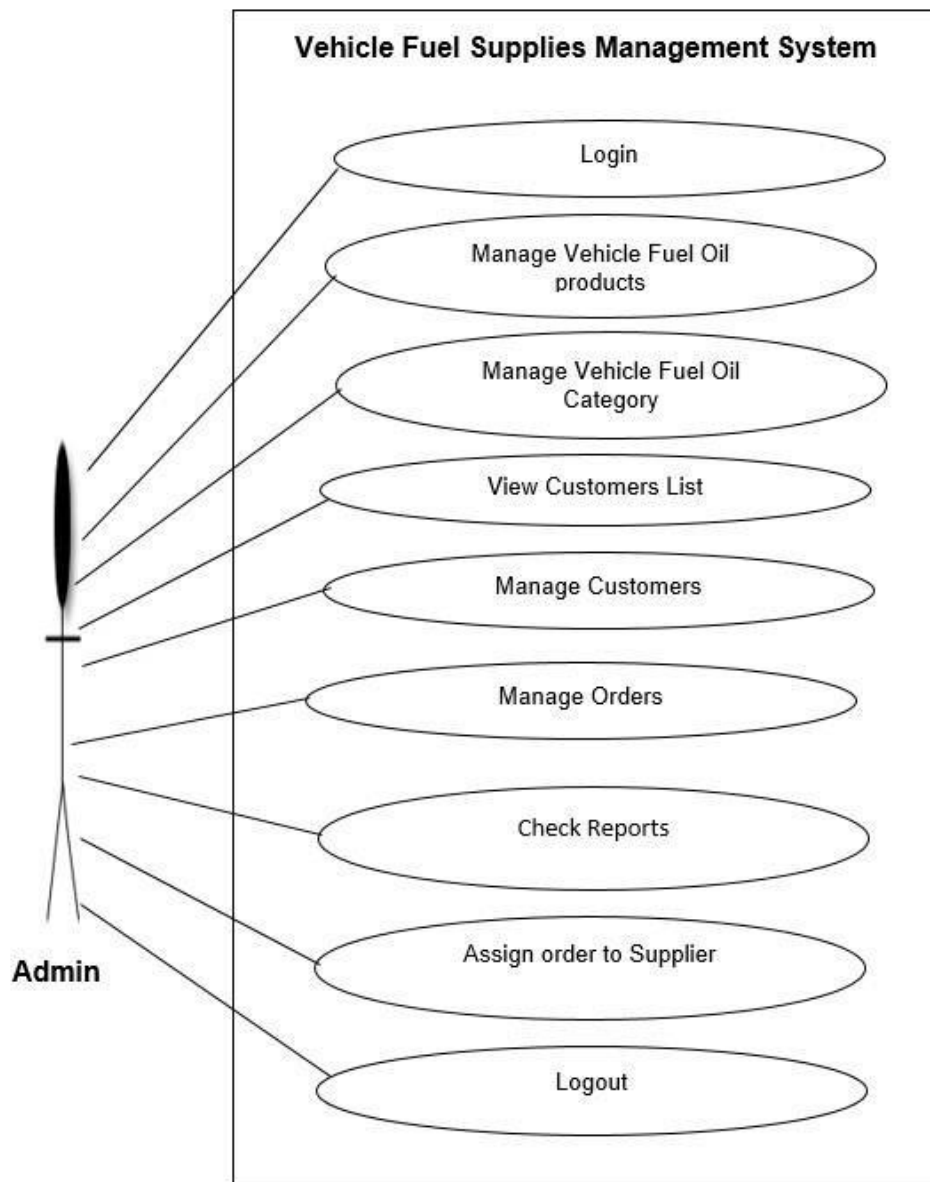
Serial No.	User Action	System Action
01	Customer can search a product	System will show if the product is available
02	Customer can select a product which he/ she wants to buy	System will provide product details.
03	Registered customer can add product to the cart	System will show the quantity of the product to the cart and customer can also update quantity or cancel order
04	Customer choose payment details method from which they want to make payment	After completing this, successful message and confirmation of delivery will send from system.

New System Add product:

Serial No.	User Action	System Action
01	If admin wants to add product to the system then he has to click on add product option	A product details form will be shown to the system
02	Admin insert necessary image and information in the form	After that system will check the validation of each field in the form
03	After filling the all information in form, Admin can click on submit button	After completing this, system will show successful message then product will show on the page.

Use Case





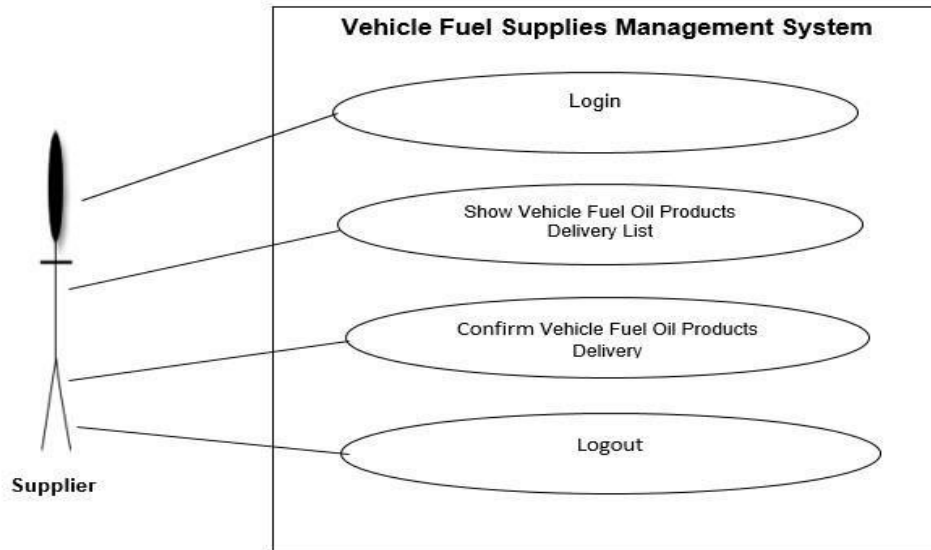


Figure 9.1: Vehicle Fuel Oil Supplies Management System Use Case

Class Diagram (only required for Object Oriented Programming)

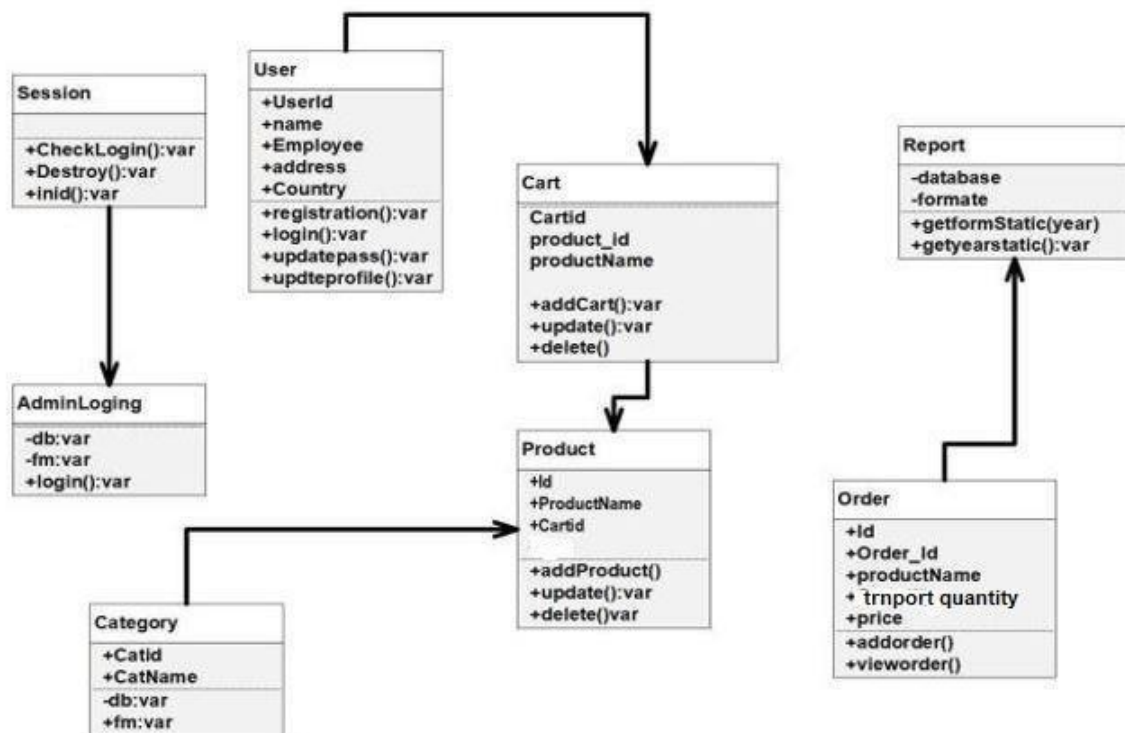


Figure 9.2: Vehicle Fuel Supply Management System Class Diagram

ERD Diagram

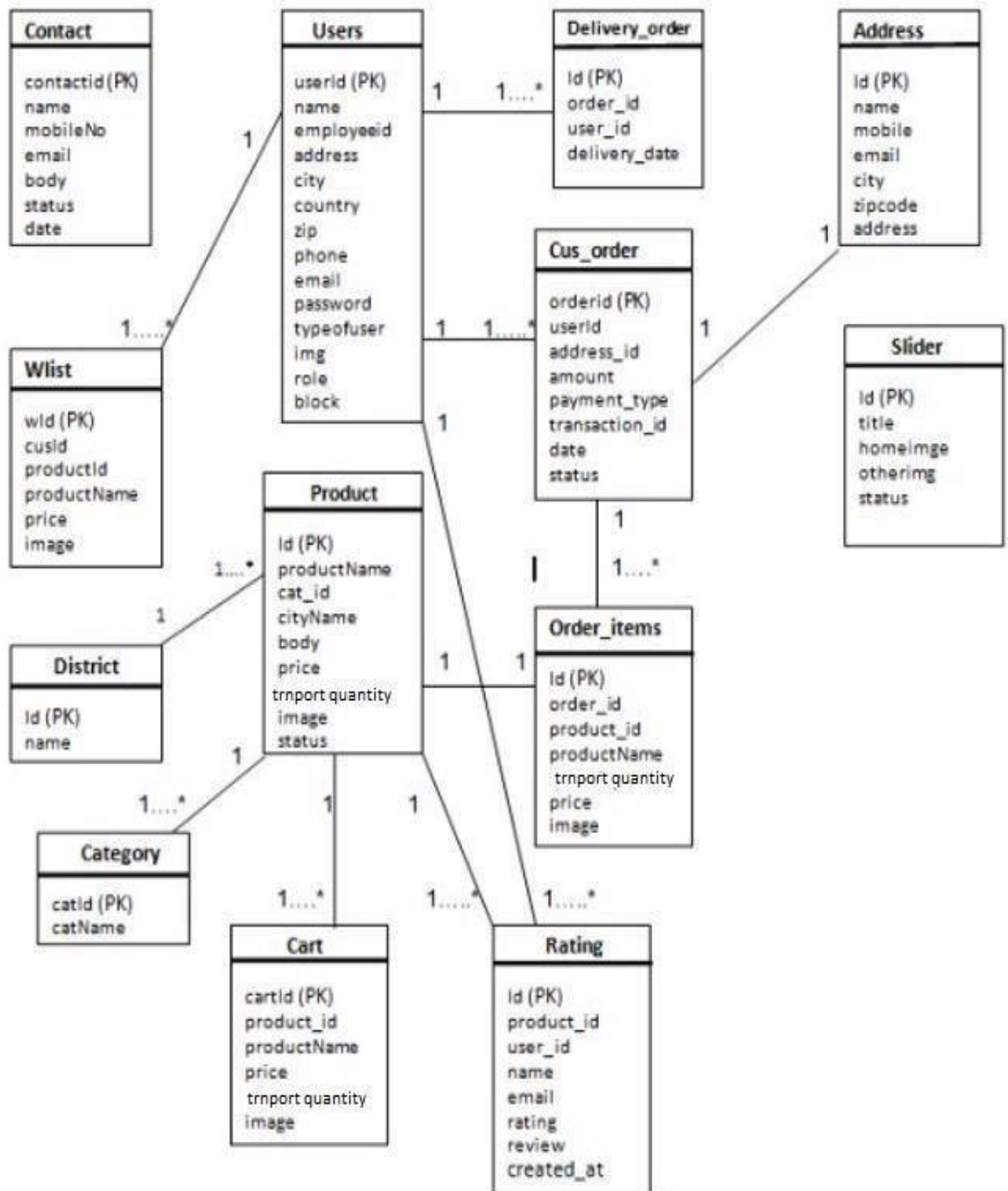


Figure 9.3: Vehicle Fuel Supply Management System ERD Diagram

Sequence Diagram (only required for Object Oriented Programming)

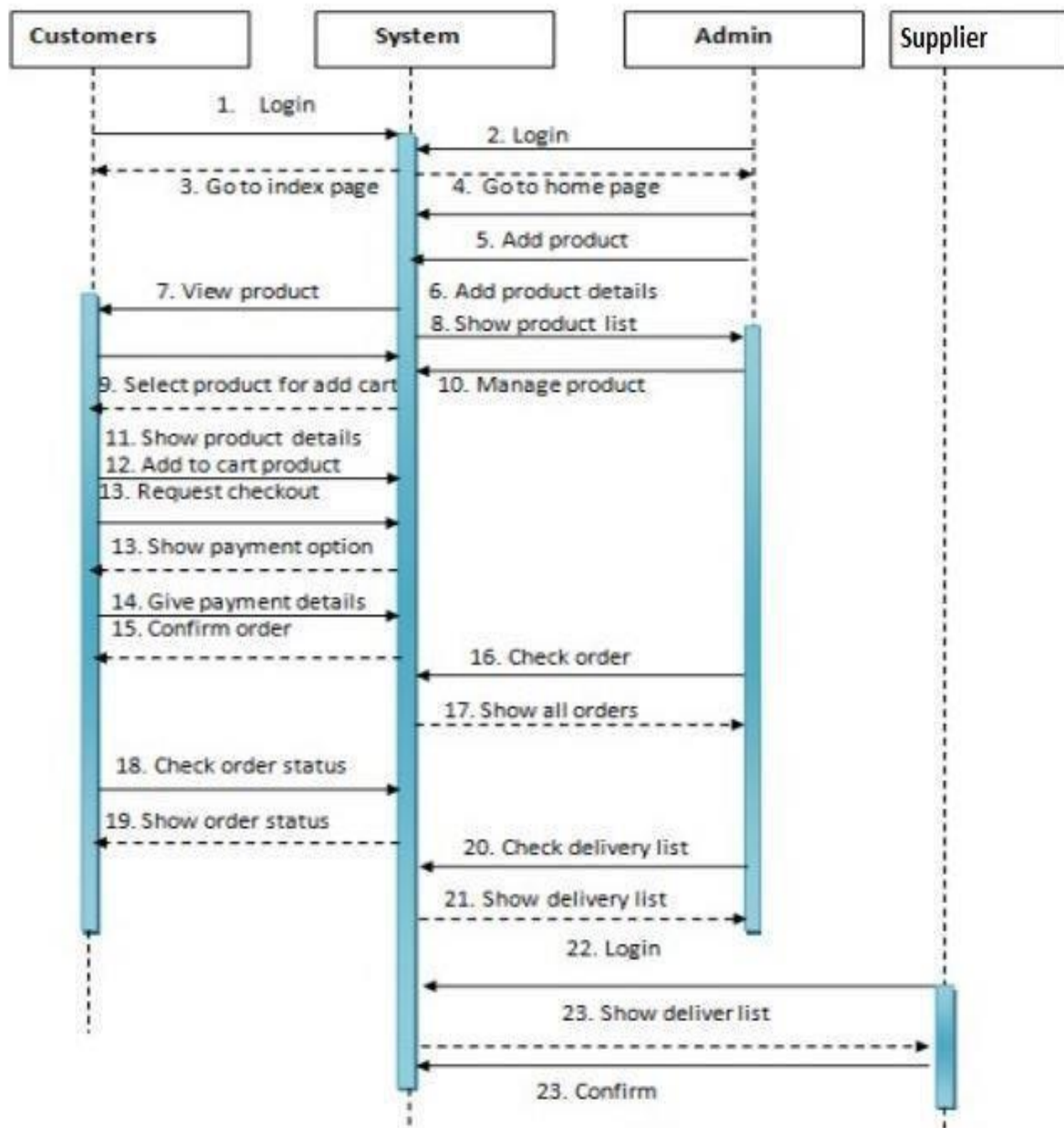


Figure 9.4: Vehicle Fuel Supply Management System Sequence Diagram

System Interface Design / Prototype

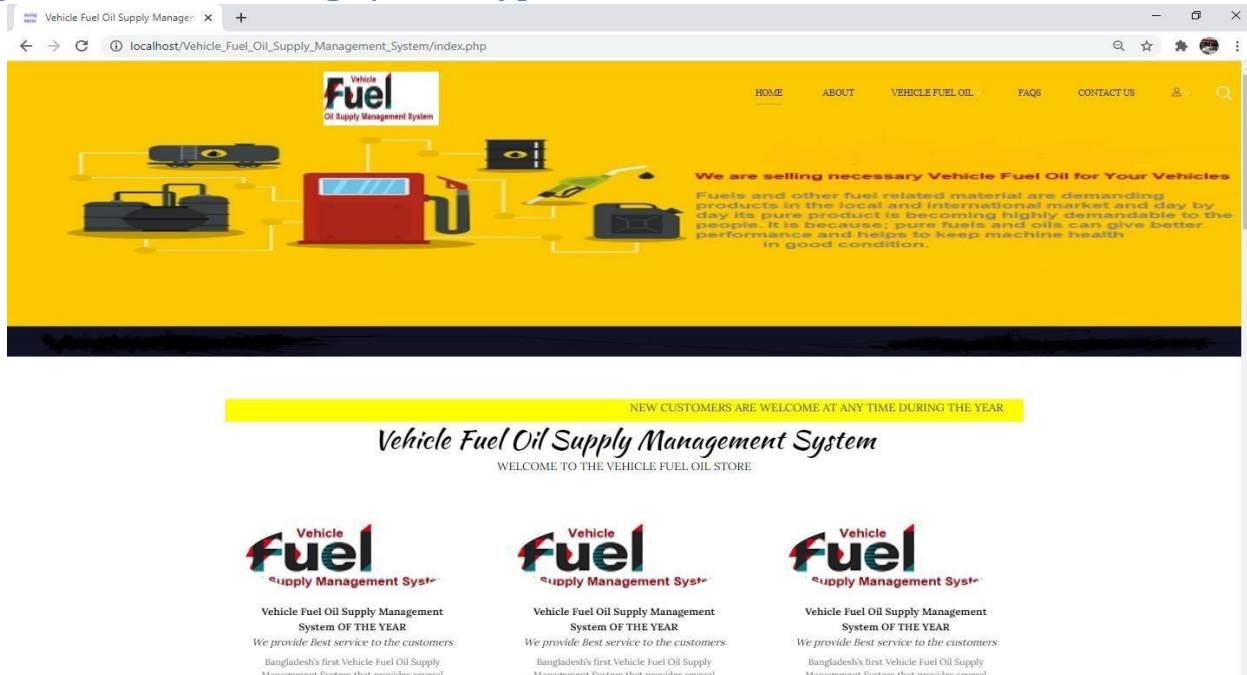


Figure 9.5.1: System Home Page

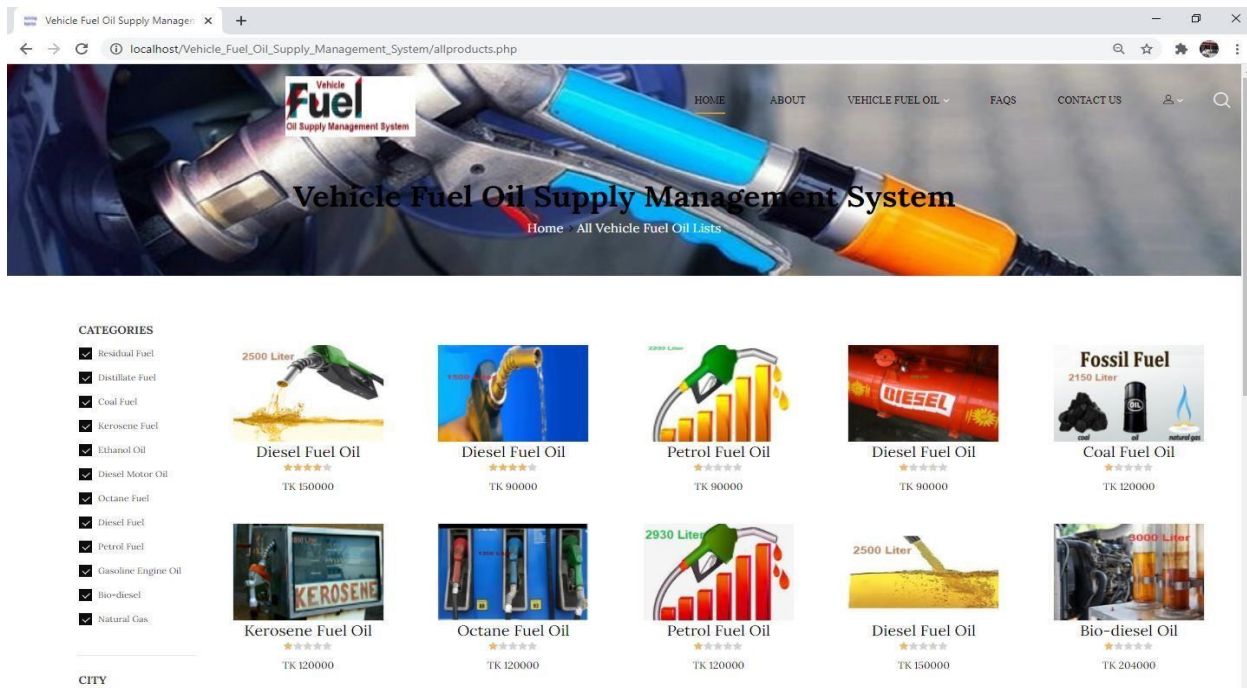


Figure 9.5.2: Vehicle fuel oil all products Page

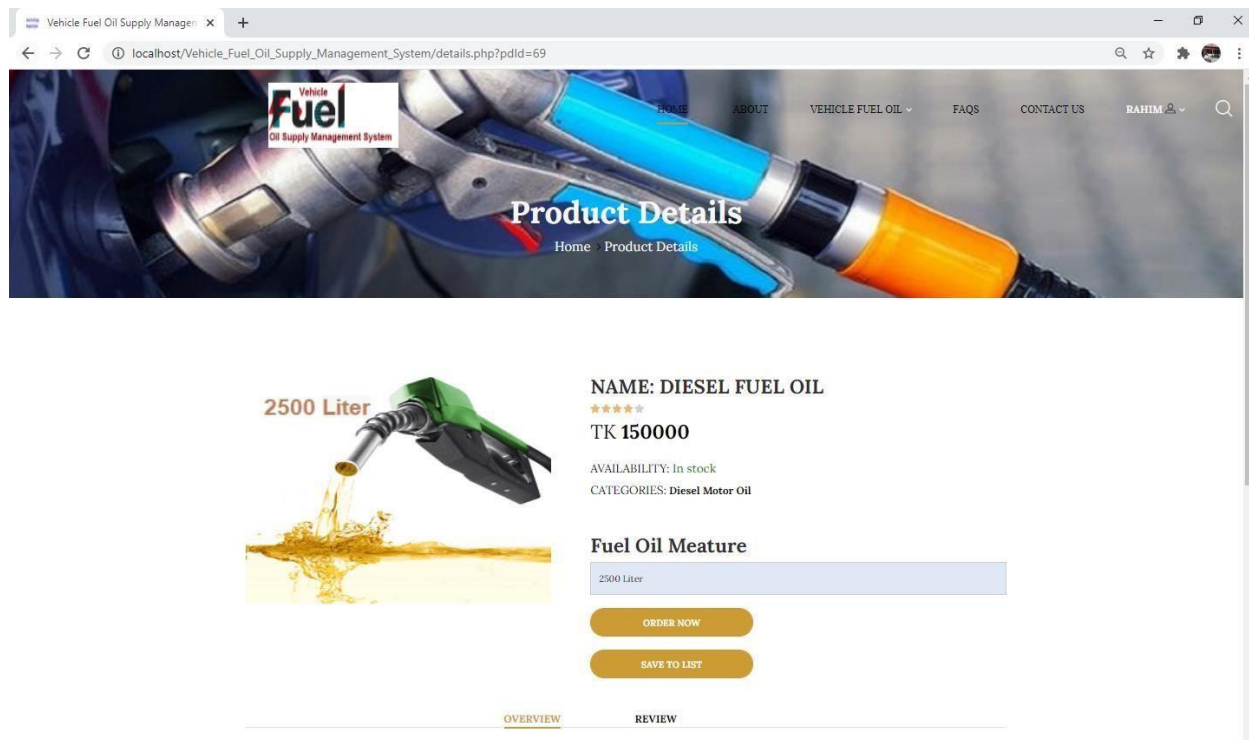


Figure 9.5.3: Vehicle fuel oil product details and order procedure Page

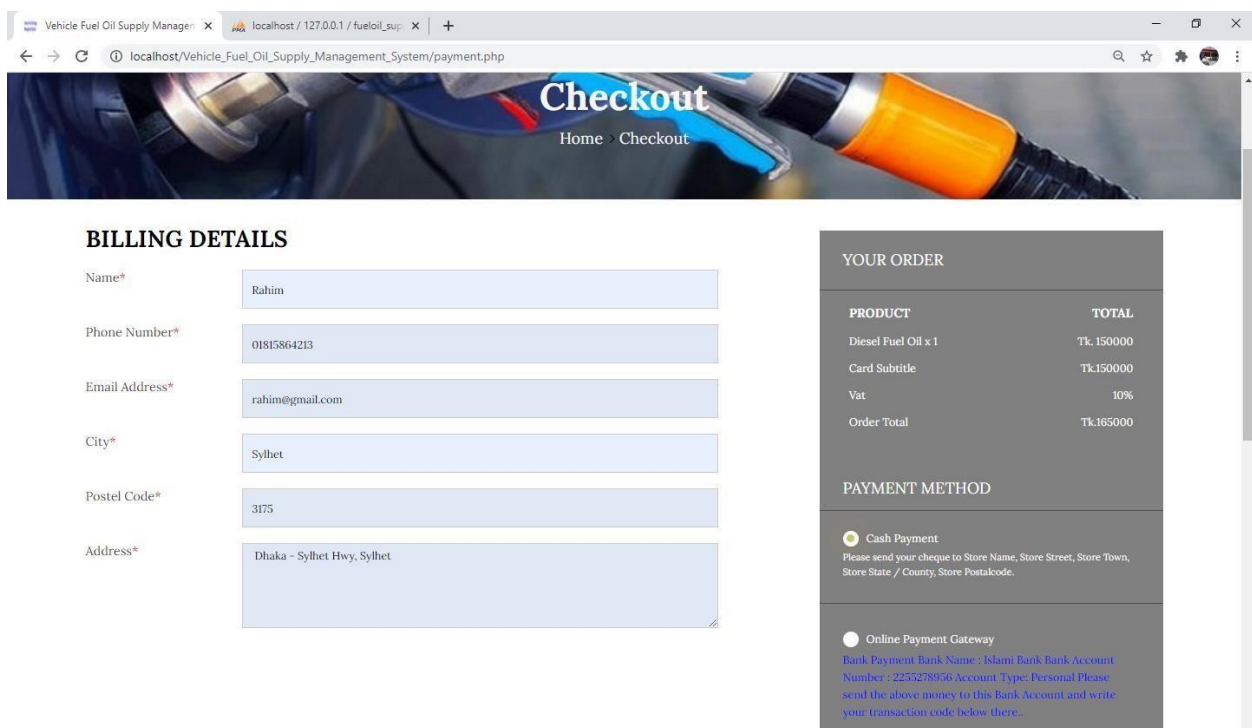


Figure 9.5.4: Customer Billing and ordering Page

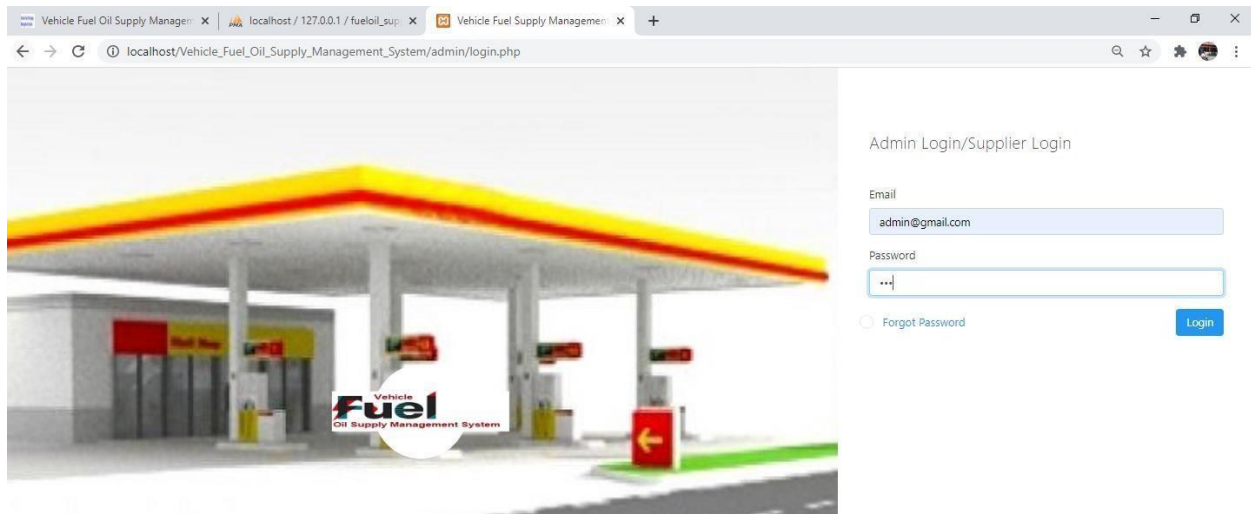


Figure 9.5.5: Admin/Supplier login Page

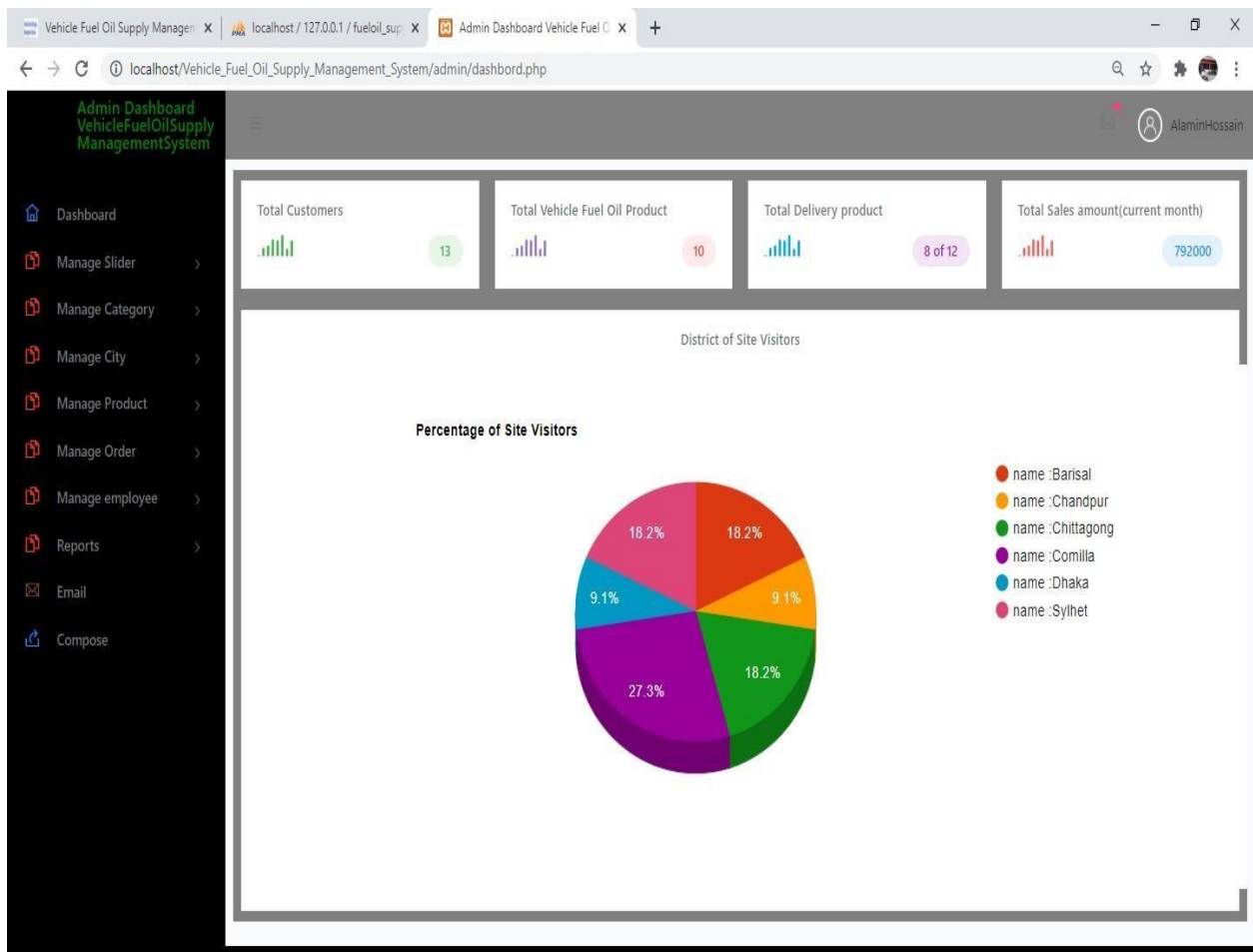


Figure 9.5.6: Admin Dashboard Page

Admin Dashboard
VehicleFuelOilSupply
ManagementSystem

Dashboard
Manage Slider
Manage Category
Manage City
Manage Product
Manage Order
Manage employee
Reports
Email
Compose

New Product

Product Name *
Enter product name

Category *
Select Category

City *
Select City

Content

File input
Choose Files No file chosen

Price *
price

Product Measure *
Enter product Measure

Status
Active

Submit

Figure 9.5.7: Add new product

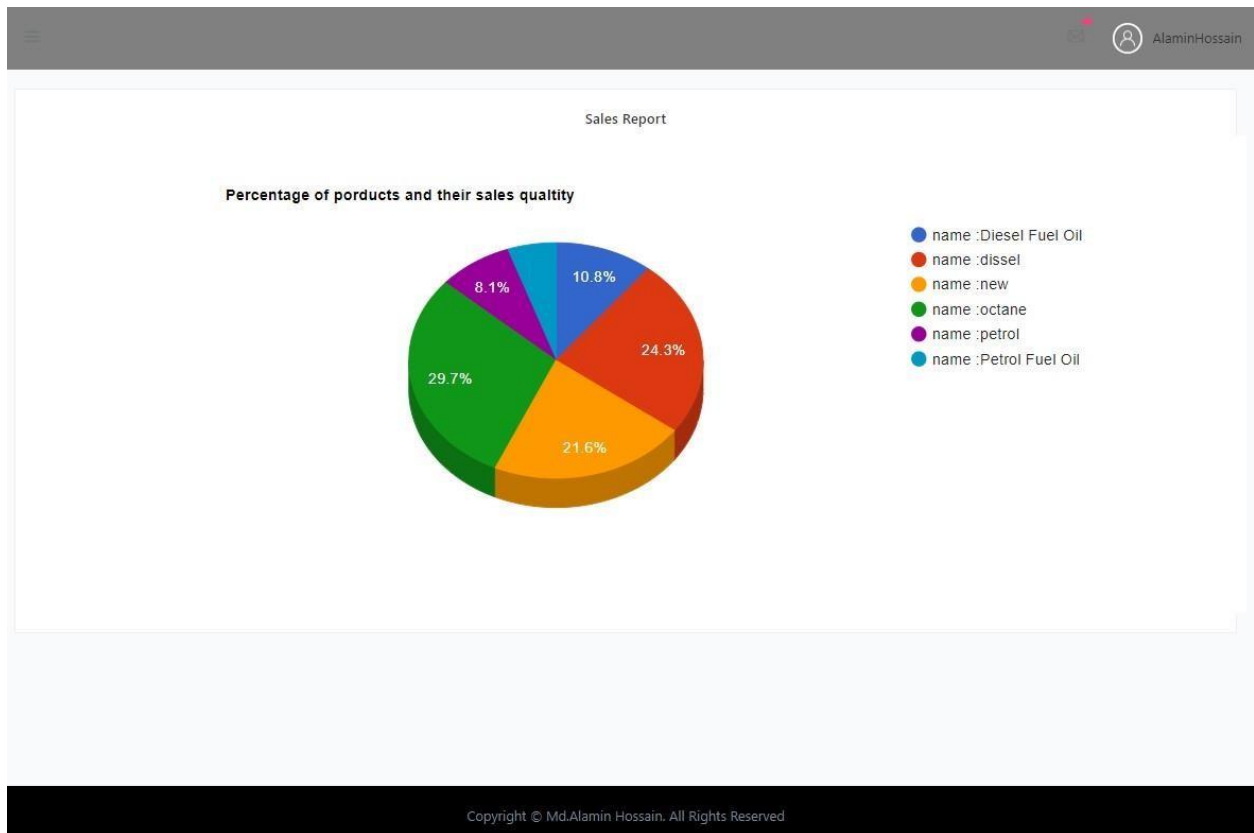


Figure 9.5.8: Vehicle fuel oil Products Sales report

Admin Dashboard
VehicleFuelOilSupply
ManagementSystem

Dashboard
Manage Slider
Manage Category
Manage City
Manage Product
Manage Order
Manage employee
Reports
Email
Compose

Copy CSV Excel PDF Print

Search:

ProductName	Category	Content	Price	Meature	Image	Status	Setting
Bio-diesel Oil	Bio-diesel	Vehicles Best Fuel Oil	TK204000	3000 Liter		active	
Coal Fuel Oil	Diesel Motor Oil	Vehicles Best Fuel Oil.....	TK120000	1350 Liter		active	
Diesel Fuel Oil	Diesel Motor Oil	Vehicles Best Fuel Oil.....	TK150000	2500 Liter		active	
Diesel Fuel Oil	Diesel Motor Oil	Vehicles Best Fuel Oil.....	TK90000	1500 Liter		active	
Diesel Fuel Oil	Diesel Motor Oil	Vehicles Best Fuel Oil.....	TK90000	1500 Liter		active	
Diesel Fuel Oil	Bio-diesel	Vehicles Best Fuel Oil.....	TK150000	2500 Liter		active	
Kerosene Fuel Oil	Ethanol Oil	Vehicles Best Fuel Oil.....	TK120000	1850 Liter		active	
Octane Fuel Oil	Distillate Fuel	Vehicles Best Fuel Oil.....	TK120000	2000 Liter		active	
Petrol Fuel Oil	Natural Gas	Vehicles Best Fuel Oil.....	TK90000	2200 Liter		active	
Petrol Fuel Oil	Residual Fuel	Vehicles Best Fuel Oil.....	TK120000	2930 Liter		active	
ProductName	Category	Content	Price	Meature	Image	Status	Setting

Showing 1 to 10 of 10 entries

Previous 1 Next

Figure 9.5.9: Vehicle fuel oil Manage Products

Vehicle Fuel Oil Customers Order List

Data Table

Copy CSV Excel PDF Print

Search:

OrderID	PurchaseItems	Total amount	Payment_type	Transaction_id	Date	Status	Billing_address	Setting
21	view items	217740	Cash		2021-01-20 23:54:07	completed	view address	
22	view items	150000	Cash		2021-01-20 23:54:07	completed	view address	
23	view items	90000	Bkash	gghhg1098	2021-01-23 17:33:31	Sifted to suplier	view address	
24	view items	120000	Bank	hgghdf1098	2021-01-23 17:34:21	Pending	view address	
25	view items	90000	Bkash	tyuur111	2021-01-23 18:09:08	Pending	view address	
26	view items	120000	Rocket		2021-01-23 18:22:34	Sifted to suplier	view address	
27	view items	120000	Cash		2021-01-23 18:31:28	completed	view address	
28	view items	90000	Bkash	rtye1098	2021-01-23 18:48:25	Pending	view address	
29	view items	120000	Cash		2021-01-23 18:49:56	completed	view address	
30	view items	120000	Cash		2021-01-23	Pending	view address	

Figure 9.5.10: Vehicle fuel oil Customers Products Order list

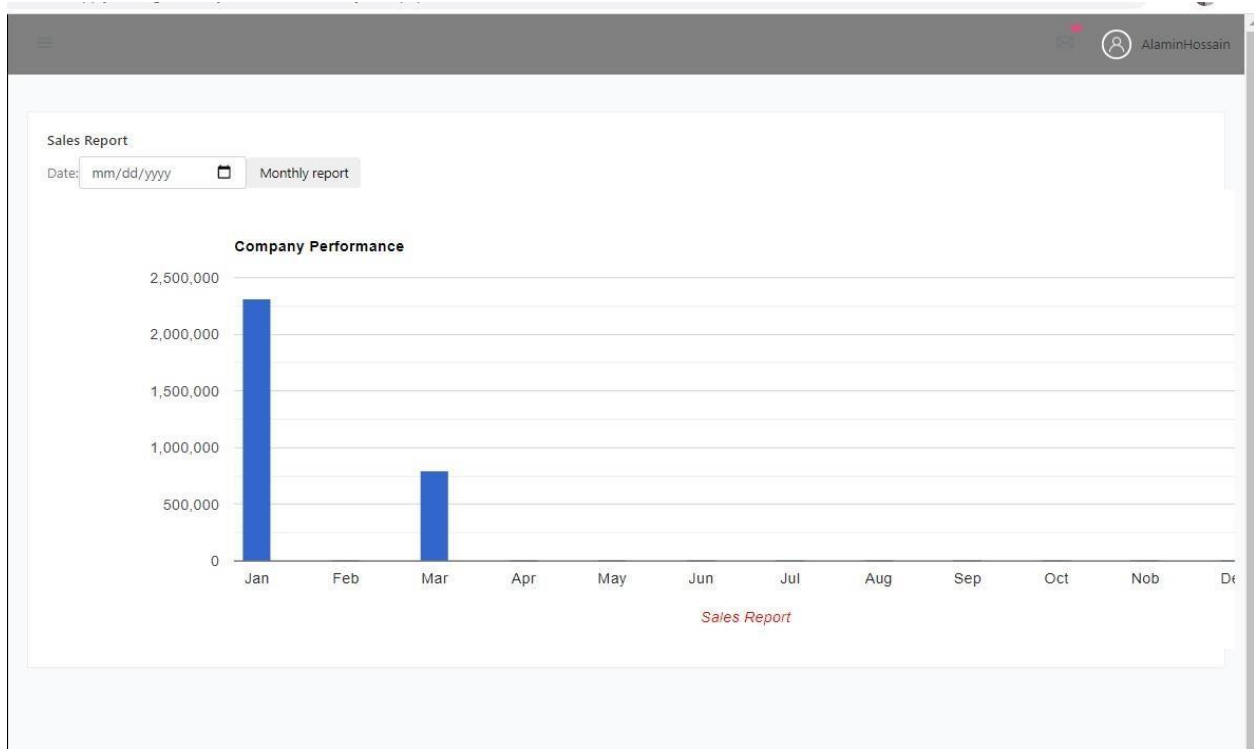


Figure 9.5.11: Vehicle fuel oil Monthly Sales report

Vehicle Fuel Oil
Oil Supply Management System

HOME ABOUT VEHICLE FUEL OIL FAQs CONTACT US RAHIM

Order Details
Home > order

Your Order

ALL VEHICLE FUEL OIL PRODUCTS	PRICE	TRANSPORT QUANTITY	TOTAL(10% VAT)	
Diesel Fuel Oil	TK 150000	1	TK 150000	On the way
Diesel Fuel Oil	TK 150000	1	TK 150000	Completed

Figure 9.5.12: Customer Product Order

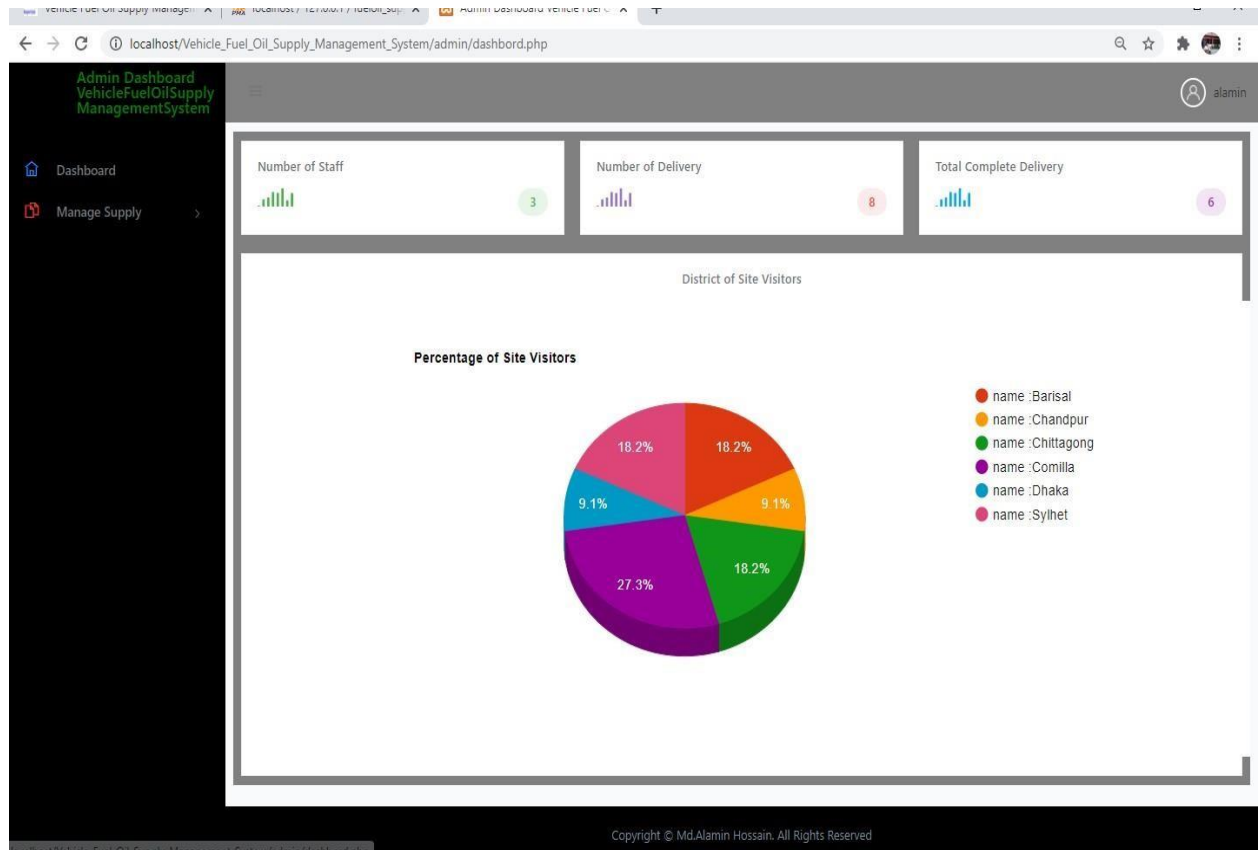


Figure 9.5.13: Supplier Dashboard

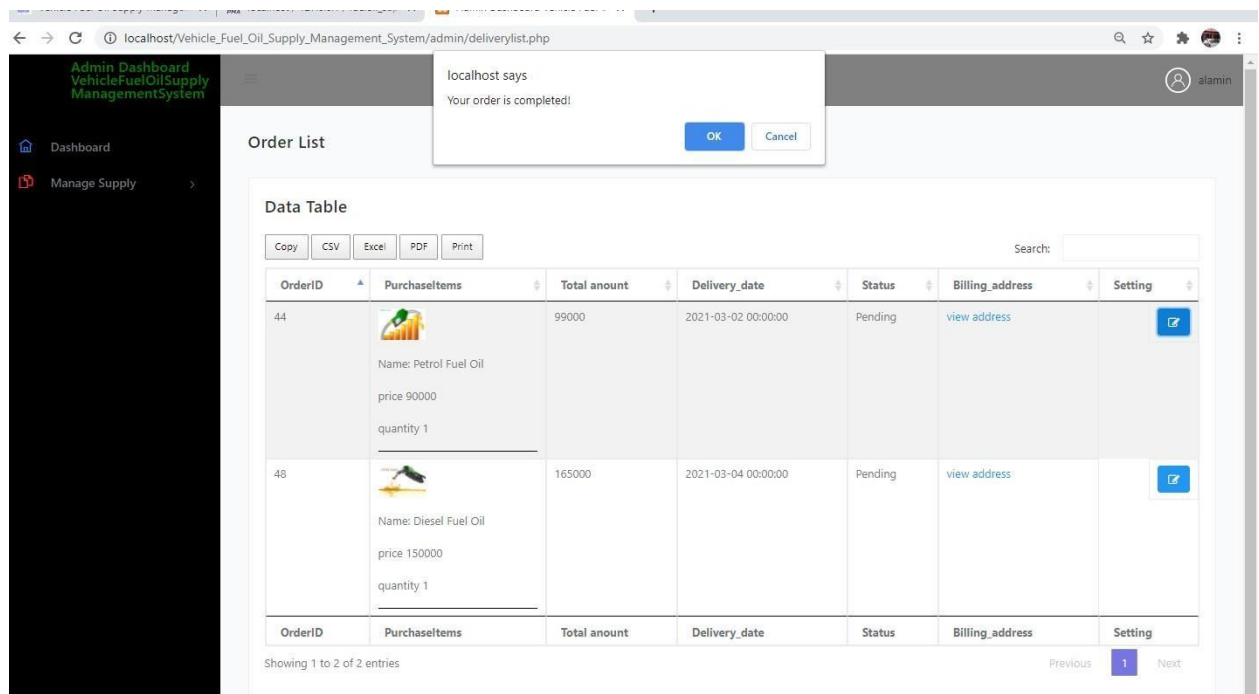


Figure 9.5.14: Select and Ok for Confirm Product Supply

The screenshot shows the phpMyAdmin interface for a MySQL database named 'fueloil_supply'. The left sidebar displays a tree view of the database structure, including tables like 'address', 'cart', 'category', 'color', 'compare', 'contact', 'customer', 'cus_order', 'delivery_order', 'district', 'order_items', 'product', 'rating', 'slider', 'users', and 'wishlist'. The main panel shows a table structure view for the 'fueloil_supply' database. It lists 16 tables with their respective row counts, types, collations, and sizes. The tables are: address (17 rows, MyISAM, latin1_swedish_ci, 3.4 KIB), cart (17 rows, MyISAM, utf8_general_ci, 3.9 KIB), category (12 rows, MyISAM, utf8_general_ci, 2.3 KIB), color (3 rows, MyISAM, utf8_general_ci, 2.1 KIB), compare (8 rows, InnoDB, utf8_general_ci, 32.0 KIB), contact (4 rows, MyISAM, utf8_general_ci, 2.2 KIB), customer (1 rows, MyISAM, utf8_general_ci, 2.1 KIB), cus_order (27 rows, MyISAM, utf8_general_ci, 3.2 KIB), delivery_order (14 rows, MyISAM, latin1_swedish_ci, 2.2 KIB), district (7 rows, MyISAM, latin1_swedish_ci, 2.1 KIB), order_items (36 rows, MyISAM, latin1_swedish_ci, 4.5 KIB), product (18 rows, InnoDB, utf8_general_ci, 16.0 KIB), rating (3 rows, InnoDB, latin1_swedish_ci, 32.0 KIB), slider (3 rows, MyISAM, latin1_swedish_ci, 2.1 KIB), users (13 rows, MyISAM, latin1_swedish_ci, 4.1 KIB), and wishlist (6 rows, MyISAM, utf8_general_ci, 2.4 KIB). A summary row at the bottom indicates 16 tables, 173 rows, and 116.7 KIB total size.

Table	Action	Rows	Type	Collation	Size	Overhead
address	Browse Structure Search Insert Empty Drop	17	MyISAM	latin1_swedish_ci	3.4 KIB	-
cart	Browse Structure Search Insert Empty Drop	17	MyISAM	utf8_general_ci	3.9 KIB	188 B
category	Browse Structure Search Insert Empty Drop	12	MyISAM	utf8_general_ci	2.3 KIB	-
color	Browse Structure Search Insert Empty Drop	3	MyISAM	utf8_general_ci	2.1 KIB	-
compare	Browse Structure Search Insert Empty Drop	8	InnoDB	utf8_general_ci	32.0 KIB	-
contact	Browse Structure Search Insert Empty Drop	4	MyISAM	utf8_general_ci	2.2 KIB	-
customer	Browse Structure Search Insert Empty Drop	1	MyISAM	utf8_general_ci	2.1 KIB	-
cus_order	Browse Structure Search Insert Empty Drop	27	MyISAM	utf8_general_ci	3.2 KIB	-
delivery_order	Browse Structure Search Insert Empty Drop	14	MyISAM	latin1_swedish_ci	2.2 KIB	-
district	Browse Structure Search Insert Empty Drop	7	MyISAM	latin1_swedish_ci	2.1 KIB	-
order_items	Browse Structure Search Insert Empty Drop	36	MyISAM	latin1_swedish_ci	4.5 KIB	-
product	Browse Structure Search Insert Empty Drop	18	InnoDB	utf8_general_ci	16.0 KIB	-
rating	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	32.0 KIB	-
slider	Browse Structure Search Insert Empty Drop	3	MyISAM	latin1_swedish_ci	2.1 KIB	-
users	Browse Structure Search Insert Empty Drop	13	MyISAM	latin1_swedish_ci	4.1 KIB	-
wishlist	Browse Structure Search Insert Empty Drop	6	MyISAM	utf8_general_ci	2.4 KIB	-
16 tables	Sum	173	InnoDB	latin1_swedish_ci	116.7 KIB	188 B

Figure 9.5.15: MySQL Database

Chapter 10 – Deployment / Development

Core Module Coding Samples

In this part, I am going to shows several page core module coding **Product**

Add Coding

The screenshot shows the Visual Studio Code editor with the 'productadd.php' file open. The file contains PHP code for adding a new product. It includes HTML form elements for product name, category, and a submit button. The code uses PHP to handle the form submission, validate the data, and insert it into the database. It also includes error handling for success and failure messages.

```

14 <main class="main-content bgc-grey-100">
15 <div id="mainContent">
16 <div class="row gap-20 masonry pos-n">
17 <div class="masonry-sizer col-md-12"></div>
18 <div class="masonry-item col-md-12">
19 <div class="bgc-white p-20 bd">
20 <h1 class="c-grey-900">New Product</h1>
21 <?php if(isset($insertProduct) && $insertProduct=='success') {?>
22 <div class="alert alert-success alert-dismissible" data-auto-dismiss="2000" role="alert">
23 <button type="button" class="close" data-dismiss="alert" aria-label="Close"><span aria-h
24 <strong style="color: green;">Success!</strong> <?php echo(' Data inserted successfully'
25 </div>
26 <?php ?>
27 <?php if(isset($insertProduct) && $insertProduct!='success') {?>
28 <div class="alert alert-danger alert-dismissible" data-auto-dismiss="2000" role="alert">
29 <button type="button" class="close" data-dismiss="alert" aria-label="Close"><span aria-h
30 <strong style="color: red;">Warning!</strong> <?php echo($insertProduct);?>
31 </div>
32 <?php ?>
33
34 <div class="mt-30">
35 <form method="post" enctype="multipart/form-data">
36 <div class="form-group">
37 <label for="exampleInputEmail1">Product Name<span style="color: red;">*</span></label>
38 <input type="text" name="productName" class="form-control" id="exampleInputEmail1" ar
39 </div>
40 <div class="form-group">
41 <label for="exampleInputEmail1">Category<span style="color: red;">*</span> </l
42 <select class="form-control" id="sel2" name="catId" required="required">
43 <option >Select Category</option>
44 <?php
45 $cat=new Catagory();
46 $getCat=$cat->getAllCat();
47 if ($getCat) {
48 while ($result=$getCat->fetch_assoc()) {
49 >
50 <option value="<?php echo($result['catId'])" >"><?php echo($result['catName'])" ></o
51 <?php ?>else{echo("Category not found");} ?>
52

```

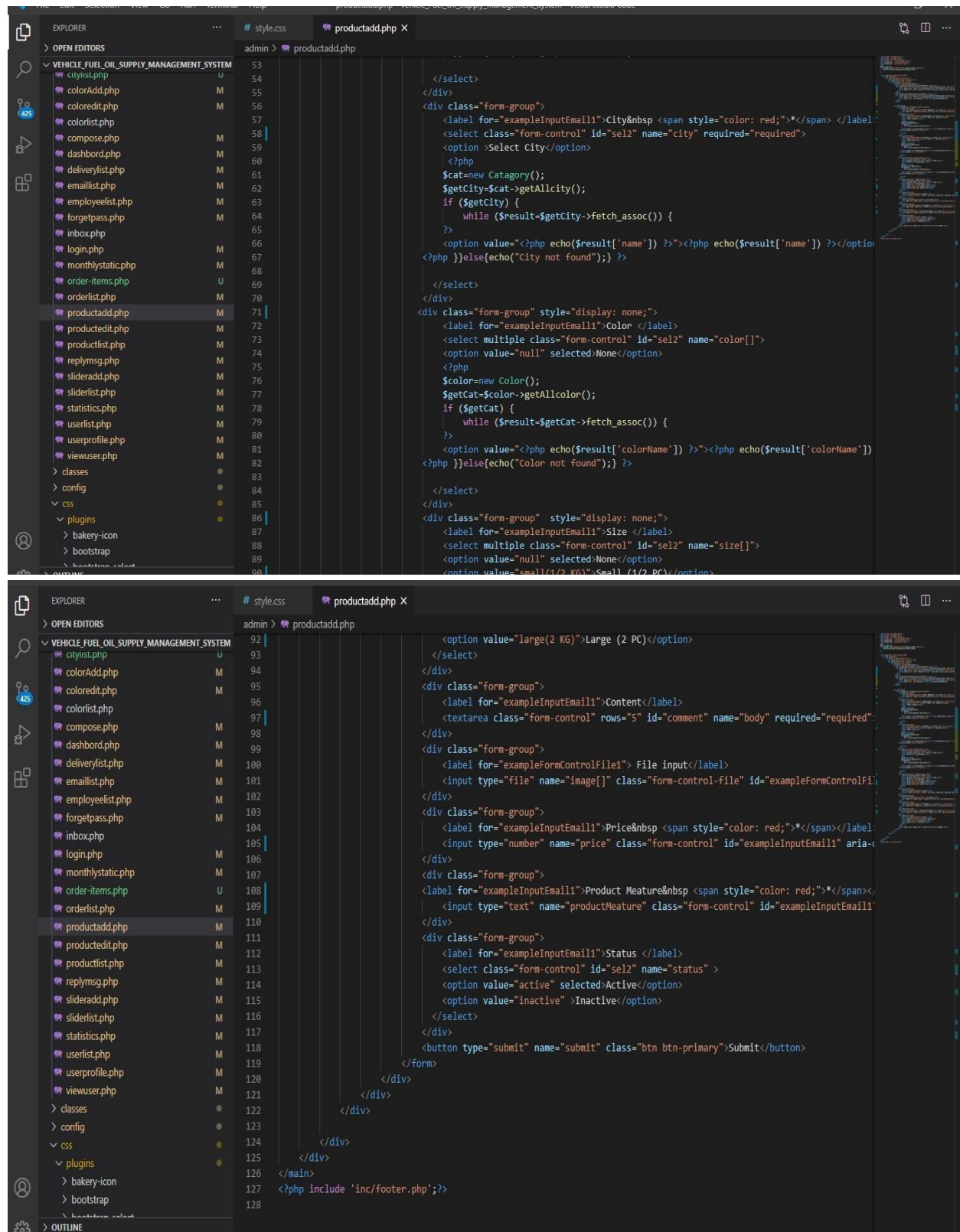



Figure 10.1: Product Add code for system

Admin Dashboard code

The image displays three sequential screenshots of a code editor, likely Visual Studio Code, showing the development of a dashboard application. The editor has a dark theme and a sidebar on the left with a file explorer and a list of open editors.

Top Screenshot: The editor shows the `dashboard.php` file. The code includes session management, database queries for product and user information, and HTML output for a dashboard layout. The sidebar shows a file explorer with a directory structure including `style.css`, `productadd.php`, and `dashboard.php`. The list of open editors shows `dashboard.php` and `productadd.php`.

Middle Screenshot: The editor shows the `dashboard.php` file. The code includes session management, database queries for product and user information, and HTML output for a dashboard layout. The sidebar shows a file explorer with a directory structure including `style.css`, `productadd.php`, and `dashboard.php`. The list of open editors shows `dashboard.php` and `productadd.php`.

Bottom Screenshot: The editor shows the `dashboard.php` file. The code includes session management, database queries for product and user information, and HTML output for a dashboard layout. The sidebar shows a file explorer with a directory structure including `style.css`, `productadd.php`, and `dashboard.php`. The list of open editors shows `dashboard.php` and `productadd.php`.

Percentage of products Sales reports generation Code:


```

statistics.php - Vehicle_Fuel_Oil_Supply_Management_System - Visual Studio Code
# style.css productadd.php dashboard.php statistics.php X
EXPLOSER
> OPEN EDITORS
admin > statistics.php
VEHICLE_FUEL_OIL_SUPPLY_MANAGEMENT_SYSTEM
cityist.php U 21
colorAdd.php M 22
coloredit.php M 23
colorlist.php M 24
compose.php M 25
dashboard.php M 26
deliverylist.php M 27
emailist.php M 28
employeelist.php M 29
forgetpass.php M 30
inbox.php M 31
login.php M 32
monthystatic.php M 33
order-items.php U 34
orderlist.php M 35
productadd.php M 36
productedit.php M 37
productlist.php M 38
replymsg.php M 39
slideradd.php M 40
sliderlist.php M 41
statistics.php M 42
userlist.php M 43
userprofile.php M 44
viewuser.php M 45
> classes 50
> config 51
> css 52
> plugins 53
> bakery-icon 54
> bootstrap 55
> bootstrap-select 56
> OUTLINE 57
> TIMELINE 58
20 var data = google.visualization.arrayToDataTable([
21   ['Gender', 'Number'],
22   <?php
23   $aa='<div>Brand : <b>$row["productName"]</b><br>Total Revenue : <b>';
24   $ss="";
25   $dd=0;
26   while($row = $getsalsstatic->fetch_assoc())
27   {
28     $ss=$row["productName"];
29     $dd=$row["number"];
30     echo "[ 'name : ".$ss."', ". $dd.", ]";
31     // echo("$ss."."$dd");
32     // echo('<div>Brand : <b>$row["productName"]</b><br>Total Revenue : <b>$row["number"]';
33   }
34   >?];
35   var options = {
36     title: 'Percentage of porducts and their sales quality',
37     is3D:true,
38     // pieHole: 0.4
39   };
40   var chart = new google.visualization.PieChart(document.getElementById('piechart'));
41   chart.draw(data, options);
42   </script>
43   <main class="main-content bgc-grey-100">
44   <div id="mainContent">
45     <div class="row gap-20 masonry pos-r">
46       <div class="masonry-sizer col-md-12"></div>
47       <div class="masonry-item col-md-12">
48         <div class="bgc-white p-20 bd text-center">
49           <h6 class="c-grey-900">Sales Report</h6>
50
51           <div class="text-center" id="piechart" style="width: 100%; height: 500px;"></div>
52         </div>
53       </div>
54     </div>
55   </div>
56 </main>
57 </div>
58 </div>

```

Figure 10.3: Products Sales reports generation Code

Monthly Vehicle Oil Supply Report Code

```

monthystatic.php - Vehicle_Fuel_Oil_Supply_Management_System - Visual Studio Code
# style.css productadd.php dashboard.php statistics.php monthystatic.php X
EXPLOSER
> OPEN EDITORS
admin > monthystatic.php
VEHICLE_FUEL_OIL_SUPPLY_MANAGEMENT_SYSTEM
cityist.php U 18
colorAdd.php M 19
coloredit.php M 20
colorlist.php M 21
compose.php M 22
dashboard.php M 23
deliverylist.php M 24
emailist.php M 25
employeelist.php M 26
forgetpass.php M 27
inbox.php M 28
login.php M 29
monthystatic.php M 30
order-items.php U 31
orderlist.php M 32
productadd.php M 33
productedit.php M 34
productlist.php M 35
replymsg.php M 36
slideradd.php M 37
sliderlist.php M 38
statistics.php M 39
userlist.php M 40
userprofile.php M 41
viewuser.php M 42
> classes 43
> config 44
> css 45
> plugins 46
> bakery-icon 47
> bootstrap 48
> bootstrap-select 49
> OUTLINE 50
> TIMELINE 51
18 $(function() {
19   $("#datepicker").datepicker({
20     dateFormat: "yy-mm-dd"
21   }).datepicker("setDate", new Date());
22   });
23   </script>
24   <?php
25   $y=0;
26   $month=array('','Jan','Feb','Mar','Apr','May','Jun','Jul','Aug','Sep','Oct','Nov','Dec');
27   for ($x=1; $x<=12 ; $x++) {
28     $sal[$x]=0;
29   }
30
31   if ($_SERVER['REQUEST_METHOD']=='POST' && isset($_POST['month_static'])) {
32     $dd=$_POST['date'];
33     echo $year= date("Y",strtotime($dd));
34
35     $getattand=$report->getMonthStatic($year);
36     if ($getattand==true) {
37       while ($result=$getattand->fetch_assoc()) {
38         $y=date("Y",strtotime($result['date']));
39         $mon=(int)date("m",strtotime($result['date']));
40         if ($y==$year) {
41           $sal[$mon]+=$sal[$mon]+$result['Year'];
42         }
43       }
44     }
45   }
46   >?
47
48   <main class="main-content bgc-grey-100">
49   <div id="mainContent">
50     <div class="row gap-20 masonry pos-r">
51       <div class="masonry-sizer col-md-12"></div>
52       <div class="masonry-item col-md-12">
53         <div class="bgc-white p-20 bd">
54           <h6 class="c-grey-900">Sales Report</h6>
55
56           <form class="form-inline" method="post">

```

```

<form class="form-inline" method="post">
  <div class="form-group">
    <label for="email">Date:</label>
    <input type="date" class="form-control" id="datepicker" name="date">
  </div>
  <button type="submit" name="month_static" class="btn btn-default">Monthly report</button>
</form>
<?php
if (isset($getattend) && $y!=$year){?>
<h1><?php echo("Report not generate for the given year");?></h1>
<?php ?>
<?php ?>
if (isset($getattend) && $y==$year ) {?>
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
<script type="text/javascript">
  google.load("visualization", "1", {packages:['corechart']});
  google.setOnLoadCallback(drawChart);

  function drawChart() {
    var data = google.visualization.arrayToDataTable([
      <?php
      for ($x=1; $x<=12 ; $x++) {
        >
        ['Sales'],
        [<?php echo($month[$x]);?>,<?php echo($sal[$x]);?>],
        <?php ?>
      ]]);

    var options = {
      title: 'Company Performance',
      hAxis: {title: 'Sales Report',titleTextStyle: {color: 'red'}}
    };

    var chart = new google.visualization.ColumnChart(document.getElementById('chart_div'));
    chart.draw(data, options);
  }
}
}

```

Figure 10.4: Monthly Vehicle Oil Supply Report Code

Add Cart Code

```

<div class="ps-hero_content">
  <h1 style="color: #f7f7f7;"> Buying Cart</h1>
  <div class="ps-breadcrumb">
    <ol class="breadcrumb">
      <li><a href="index.php" style="color: #f7f7f7; font-size: 20px;">Home</a></li>
      <li class="active" style="color: #f7f7f7; font-size: 20px;">Vehicle Fuel Oil Supply Management System Fuel</li>
    </ol>
  </div>
</div>
</div>
<div class="ps-main">
  <div class="ps-container">
    <div class="ps-cart-listing">
      <div class="table-responsive">
        <?php
        if (isset($updateQuantity)) {
          echo($updateQuantity);
        }
        if (isset($delProduct)) {
          echo($delProduct);
        }
        ?>
        <table class="table ps-table ps-table--listing">
          <thead>
            <tr>
              <th>All Products</th>
              <th>Price</th>
              <th>Transport Quantity</th>
              <th>Total</th>
            </tr>
          </thead>
          <tbody>
            <?php
            $getPd=$ct->getCartProduct();
            if ($getPd) {
              $i=0;
              $sum=0;
              $qty=0;
            }

```

```

66         $i++;
67     }
68 }
69
70     <tr>
71         <td><a class="ps-product--table" href="details.php">
77                 <form action="" method="post">
78                     <input type="hidden" name="cartId" value="<?php echo($result['cartId']); ?>" />
79                     <input class="form-control" min="1" max="10" type="number" value="<?php echo($result['quantity']); ?>" />
80                     <input class="btn btn-success" type="submit" name="submit" value="Update" />
81                 </form>
82             </div>
83         </td>
84         <td>
85             <strong>
86                 Tk. <?php
87                 $total=$result['price']*$result['quantity'];
88                 echo($total);
89                 ?>
90             </strong>
91         </td>
92     </tr>
93 </tbody>
94 </table>
95 <div class="ps-cart__actions">
96     <div class="ps-cart__promotion">
97         <div class="form-group">
98             <a class="ps-btn ps-btn--gray" href="index.php">Continue Shopping</a>
99         </div>
100     </div>
101     <div class="ps-cart__total">
102         <?php
103         $getData=$ct->checkCartTable();
104         if ($getData) {
105             <h3>
106                 Vat:<span>10%</span></h3>
107                 Total Price: <span>Tk.<?php
108                 $vat=$sum*.1;
109                 $gtotal=$sum+$vat;
110                 echo($gtotal);
111                 ?></span></h3>
112             <?php >
113             header("Location: index.php");
114             // echo("Cart Empty! plz shop now");
115         } ?>
116         <a class="ps-btn" href="payment.php">Process to checkout</a>
117     </div>
118 </div>
119 </div>
120 </main>
121 <?php include("inc/footer.php"); ?>

```

Figure 10.5: add cart Code

Payment and Billing Information Code

The image displays two screenshots of a Visual Studio Code editor window, showing the 'payment.php' file in a project named 'VEHICLE_FUEL_OIL_SUPPLY_MANAGEMENT_SYSTEM'.

Top Screenshot: The code shows the beginning of the checkout form. It includes a hero section with a background image, a breadcrumb trail (Home > Checkout), and a form titled 'Billing Details'. The form contains a warning alert and input fields for Name, Phone Number, and a mobile number.

```

class="ps-hero ug-cover data-background= admin/upload/back.jpg"
<div class="ps-hero_content">
<h1 style="color: #f7f7f7;">Checkout</h1>
<div class="ps-breadcrumb">
<ol class="breadcrumb">
<li><a href="index.php" style="color: #f7f7f7; font-size: 20px;">Home</a></li>
<li class="active" style="color: #f7f7f7; font-size: 20px;">Checkout</li>
</ol>
</div>
</div>
</div>
<div class="ps-checkout pt-40 pb-40">
<div class="ps-container">
<form class="ps-form-checkout" action="" method="post">
<div class="row">
<div class="col-lg-8 col-md-8 col-sm-12 col-xs-12">
<div class="ps-checkout_billing">
<h3>Billing Details</h3>
<?php if(isset($updateData)) {?>
<div class="alert alert-danger alert-dismissible" data-auto-dismiss="2000" role="alert">
<button type="button" class="close" data-dismiss="alert" aria-label="Close"><span aria-
<strong style="color: red;">Warning!</strong> <?php echo($updateData);?>
</div>
<?php ?>
<div class="form-group form-group--inline">
<label>Name<span>*</span></label>
<div class="form-group_content">
<input class="form-control" type="text" name="name" required="required">
</div>
</div>
<div class="form-group form-group--inline">
<label>Phone Number<span>*</span></label>
<div class="form-group_content">
<input class="form-control" type="tel" name="mobile" required="required">
</div>
</div>

```

Bottom Screenshot: The code continues with more form fields and a table for checkout products. It includes input fields for Email, City, Postal Code, and Zipcode, followed by a large text area for the address. The table section is partially visible at the bottom.

```

</div>
<div class="form-group form-group--inline">
<label>Email<span>*</span></label>
<div class="form-group_content">
<input class="form-control" type="email" name="email" required="required">
</div>
</div>
<div class="form-group form-group--inline">
<label>City<span>*</span></label>
<div class="form-group_content">
<input class="form-control" type="text" name="city" required="required">
</div>
</div>
<div class="form-group form-group--inline">
<label>Postal Code<span>*</span></label>
<div class="form-group_content">
<input class="form-control" type="text" name="zipcode" required="required">
</div>
</div>
<div class="form-group form-group--inline">
<label>Address<span>*</span></label>
<div class="form-group_content">
<textarea class="form-control" rows="5" required="required" name="address"></textarea>
</div>
</div>
</div>
</div>
<div class="col-lg-4 col-md-4 col-sm-12 col-xs-12">
<div class="ps-checkout_order" style="background:gray; color:white;">
<header>
<h3>Your Order</h3>
</header>
<div class="content">
<table class="table ps-checkout_products">
<thead>
<tr>

```

```

106
107
108
109
110 $sum=0;
111 $qty=0;
112 $getPd=$t->getCartProduct();
113 if ($getPd) {
114     $l=0;
115
116     while ($result=$getPd->fetch_assoc()) {
117         $l++;
118     }
119
120     <tr>
121         <td><?php echo($result['productName']); ?> x <?php echo($result['quantity']); ?></td>
122         <td>Tk. <?php echo($result['price']); ?></td>
123     </tr>
124     <?php
125     $total=$result['price']*$result['quantity'];
126     $qty=$qty+$result['quantity'];
127     $sum=$sum+$total;
128
129     ?>
130 <?php } } ?>
131
132 <tr>
133     <td><span>Card Subtitle</span></td>
134     <td>Tk. <?php echo($sum); ?></td>
135 </tr>
136 <tr>
137     <td><span>Vat</span></td>
138     <td>10%</td>
139 </tr>
140 <tr>
141     <td><span>Order Total</span></td>
142     <td>
143         Tk.<?php
144         $vat = $sum * .1;
145         $total = $sum + $vat;
146
147         $vat = $sum * .1;
148         $total = $sum + $vat;
149         echo($total);
150     </td>
151 </tr>
152 </tbody>
153 </table>
154 </div>
155 <footer>
156 <h3>Payment Method</h3>
157 <div class="form-group cheque">
158     <div class="ps-radio ps-radio--small">
159         <input class="form-control" type="radio" id="rdo01" name="payment" checked value="Cash">
160         <label for="rdo01">Cash Payment</label>
161     </div>
162     <p>Please send your cheque to Store Name, Store Street, Store Town, Store State / County, Store I
163 </div>
164 <div class="form-group paypal">
165     <div class="ps-radio ps-radio--small">
166         <input class="form-control" type="radio" name="payment" id="rdo02" value="Bkash">
167         <label for="rdo02">Online Payment Gateway</label>
168         <p style="background:gray; color:blue;">
169             Bank Payment
170             Bank Name : Islami Bank
171             Bank Account Number : 2255278956
172             Account Type: Personal
173             Please send the above money to this Bank Account and write your transaction code below there..
174         </p>
175         <br>
176         <p style="background:gray; color:blue;">
177             DBBL Payment
178             DBBL Account Number : 0130000005091270
179             Account Type: Personal
180             Please send the above money to this Rocket Number and write your transaction code below there..
181         </p>
182         <br>
183         <p style="background:gray; color:blue;">
184             Bkash Payment
185             Please send the above money to this Bkash Number and write your transaction code below there..
186             <input id="transaction" class="form-control" type="text" placeholder="Enter transaction ID here"
187             </div>
188         </div>
189         <button class="ps-btn ps-btn--fullwidth ps-btn--yellow" name="submit">ORDER NOW</button>
190     </div>
191 </div>
192 </div>
193 </div>
194 </div>
195 </div>
196 </div>
197 </div>
198 </div>
199 </div>
200 </div>
201 </div>
202 </div>
203 </div>
204 </div>

```

Figure 10.6: Payment and Billing Information Code

Possible problem break down

The total system necessity to divide into several tasks to execute the system development procedure easily and proficiently. In this vehicle fuel oil supplies Management system, I divide the system into several tasks and these are:

- i. Design System database
 - ii. Choose and organize the template for System
 - iii. Develop admin panel for System
 - iv. Develop supplier panel for System
 - v. Develop customer panel for System
- Design database:**

- i. Identity the System requirements
- ii. Complete the normalization process
- iii. Make Entity Relationship Diagram
- iv. Create System database schema

Develop admin panel:

- i. Develop all resource management pages required for creating vehicle fuel oil supplies Management system.
- ii. Develop vehicle fuel oil supplies Management system page
- iii. Develop pages for view vehicle fuel oil supplies Management system

Develop supplier panel:

- i. Develop all resource management pages required for creating vehicle fuel oil supplies Management system.
- ii. Develop vehicle fuel oil supplies Management system fuel oil delivery Confirm page
- iii. Develop pages for view vehicle fuel oil customers order supplies in system

Develop Customer panel:

- i. Develop vehicle fuel oil supplies Management System Home page
- ii. Develop page for view vehicle fuel oil products

- iii. Develop page Customers Order vehicle fuel oil supplies Management system
- iv. Develop page vehicle fuel oil Categories in vehicle fuel oil supplies Management system
- v. Develop page Customer feedback vehicle fuel oil supplies Management system
- vi. Develop page Customer Billing Information

Chapter 11 – Testing

Test Case

A test case is a gathering of activities executed to check a specific element or usefulness of programming application. A test case holds test steps, test information, precondition, post condition created for explicit test situation to confirm any obligation. (Anon., 2021)

Unit Testing

Test Name- Unit test	Tests: 1	Class: Customer Signup		Designer: Md. Al Amin Hossain
Data sources: signup.php	Purpose: Test user registration			Tester: Md. Al Amin Hossain
Test Case	Statement	Tasks	Anticipated Result	Actual Result
11.1.1	Customer signup testing	FULL NAME,COUNTRY, CITY, PHONE, ZIP Code, ADDRESS, EMAIL,PASSWOR	If Customer fillup his/her info then press “Signup” button message will	Expected Output

		D	show “Success! Registration success. Please login”.	
--	--	---	---	--

Customer Registration form

FULL NAME *
AmirHossain

COUNTRY:
Bangladesh

CITY:
Chandpur

PHONE:
01627854121

ZIP:
3600

ADDRESS:
Bus Stand, Comilla - Chandpur Hwy, Chandp

EMAIL *
amirhossainfuelstation@gmail.com

PASSWORD:
.....

SIGNUP

Success! Registration success.Please login

Figure 11.1.1: Customer Successfully registered

Unit test 2		Tests class: Customer login in	Designed by: MD Md Al Amin Hossain	
Data source:		Objective: login in	Tester: Md Al Amin Hossain	
Test case	Description	Tasks : login to the system	Expected result	Actual result

11.1.2	Form Fill up email address without using @ for validation Checking	Customer email: amirhossainfuelstationgmail. com Password : 1234567	The error message will show below the input box & notify error.	Expected result
--------	--	--	--	-----------------

**Figure 11.1.2:** Customer login validation

Unit test 3		Tests class:	Designed by: MD Al Amin Hossain	
		Admin login in		
Data source:		Objective: Admin login in	Tester: Md Al Amin Hossain	
Test case	Description	Tasks : Admin login to the system	Expected result	Actual result

11.1.3	Test for basic functionality validation to the system.	Sign in building details: email: admin@gmail.com Password : 12345	Checking password Validation to the system. If fill up invalid password show error message "Warning! user or password not match!"	Expected Output
--------	--	--	---	-----------------



Admin Login/Supplier Login

Email
admin@gmail.com

Password
.....

☐ Forgot Password



Admin Login/Supplier Login

Warning! user or password not match! ×

Email
Enter Email

Password
Password

☐ Forgot Password

Figure: Admin login validation checking

Module Testing

Module testing: test1		Tests class: Customer signup	Designed by: Md. AI Amin Hossain	
Data source: sign.php		Objective: Customer signup validation	Tester: Md. AI Amin Hossain	
Test case	Description	Tasks :	Expected Result	Actual result
11.2.1	Customer signup validation checking	Checking validation such as press signup button without fill up customer information	If customer click signup button without fill up information this show below message	Expected Output

Customer Registration form

FULL NAME *

COUNTRY:

CITY:
 Please fill out this field.

PHONE:

ZIP:

ADDRESS:

EMAIL *

PASSWORD:

SIGNUP

Figure 11.2.1: Customer signup fill validation checking

Module testing: test2	Tests class: Customer signup	Designed by: Md. AI Hossain	Amin
------------------------------	---	--	-------------

Data source: sign.php		Objective: Customer signup successfully	Tester: Md. Al Amin Hossain	
Test case	Description	Tasks :	Expected Result	Actual result
11.2.2	Customer signup checking	Fill up Customer valid information to registration the system	If customer fill up valid info such as full name, country, city, address, email etc. then click signup button the message show successfully registration	Expected Output

Customer Registration form

FULL NAME *	COUNTRY:
Mukti	Bangladesh
CITY:	PHONE:
Comilla	01711785969
ZIP:	ADDRESS:
3500	Dhaka - Chittagong Hwy, Cumilla
EMAIL *	PASSWORD:
muktifuelstation@gmail.com

SIGNUP

Customer Registration form

Success! Registration success.Please login

FULL NAME *	COUNTRY:
Enter Your Name	Enter Your Country
CITY:	PHONE:
Enter Your City	Enter Your Phone
ZIP:	ADDRESS:
Enter Your Zip-Code	Enter Your Address
EMAIL *	PASSWORD:
Enter Enter email	Password

SIGNUP

Figure 11.2.2: Customer successfully signup to the system

Integration Testing

Integration testing: test1		Tests class: Customer login	Designed by: Md. Al Amin Hossain	
Data source: login.php		Objective: Customer Login Successfully	Tester: Md. Al Amin Hossain	
Test case	Description	Tasks :	Expected Result	Actual result
11.3.1	Customer login Operation	Checking Customer Login Successfully to the system	If customer give valid email and password, he/she successfully login to the system Email:amirhossainfuelstation@gmail.com Password:1234567	Expected Output

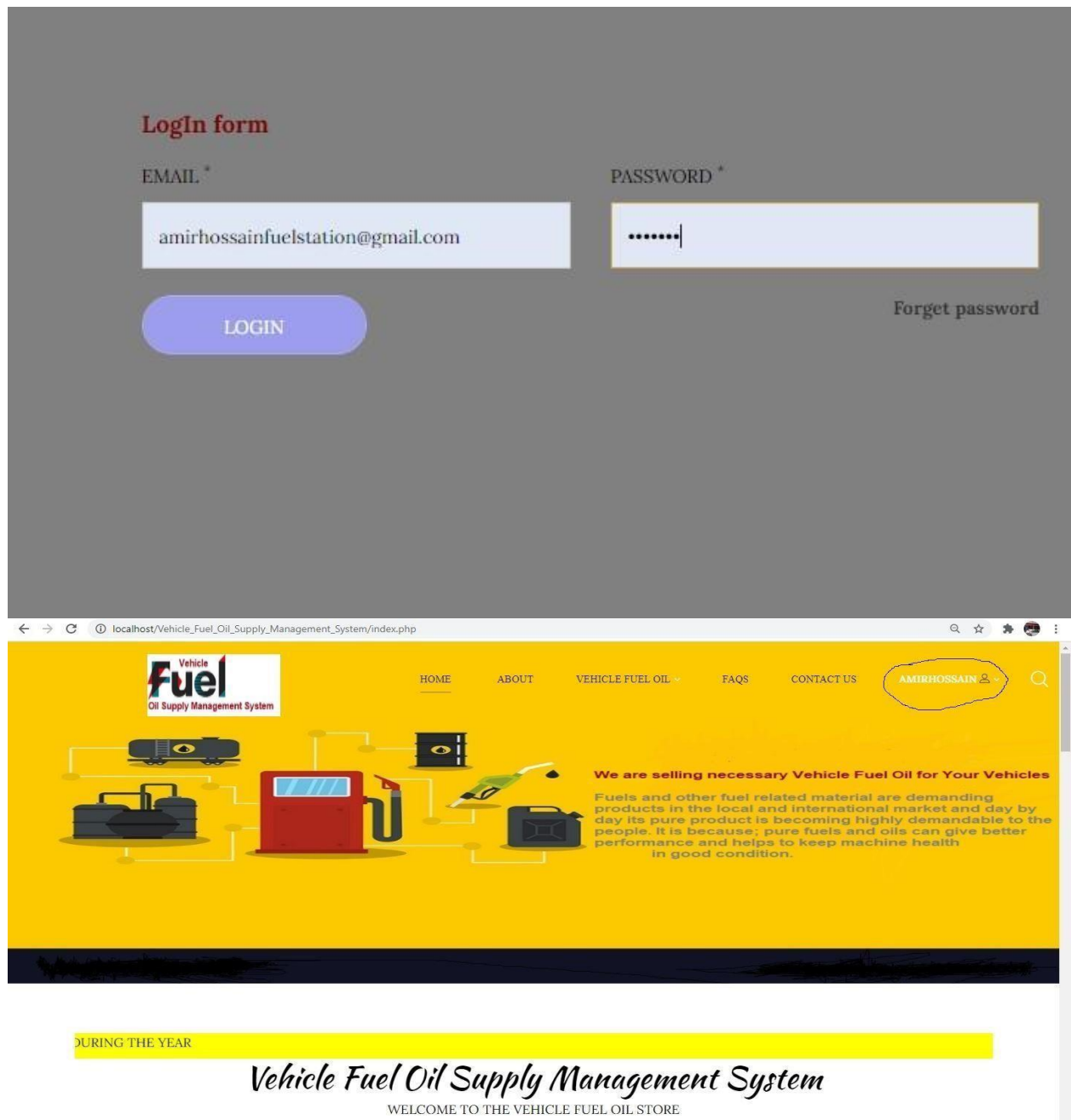


Figure 11.3.1: Customer Successfully login

Integration testing: test 2		Tests class: products	Designed by: Md. Al Amin Hossain	
Data source:		Objective: product ordering to the system	Tester: Md. Al Amin Hossain	
Test case	Description	Tasks :	Expected Result	Actual result
11.3.2	Vehicle fuel oil product order Procedure	Checking Vehicle fuel oil product order Procedure to the system	When customer order product, the admin assign supplier and supplier confirm order button and customer page show completed order	Expected Output

ID: 191-16-431

Checkout
Home · Checkout

BILLING DETAILS

Name* Nurulislam
Phone Number* 01614240037
Email Address* nurulislamfillingstation@gmail.com
City* Comilla
Postal Code* 3500
Address* Comilla Pashurbazar Bishoroad, 3500

YOUR ORDER

PRODUCT	TOTAL
Diesel Fuel Oil x 1	TK. 90000
Card Subtitle	TK. 90000
Vat	10%
Order Total	TK. 99000

PAYMENT METHOD

☒ Cash Payment
Please send your cheque to Store Name, Store Street, Store Town, Store State / County, Store Postcode.

☐ Online Payment Gateway
Bank Payment Bank Name : Islami Bank Bank Account Number : 2275278936 Account Type: Personal Please send the payment money to this Bank account and send us the receipt.

Admin Dashboard
VehicleFuelOilSupply ManagementSystem

Dashboard
Manage Supply

localhost says
Your order is completed!

Order List

Data Table

Copy CSV Excel PDF Print

Search:

OrderID	PurchaseItems	Total amount	Delivery_date	Status	Billing_address	Setting
50	 Name: Diesel Fuel Oil price 90000 quantity 1	99000	2021-03-07 00:00:00	Pending	view address	

Showing 1 to 1 of 1 entries

Previous 1 Next

Vehicle Fuel Oil Supply Management System

HOME ABOUT VEHICLE FUEL OIL FAQs CONTACT US NURULISLAM

Order Details
Home · order

Your Order

ALL VEHICLE FUEL OIL PRODUCTS	PRICE	TRANSPORT QUANTITY	TOTAL(10% VAT)
Diesel Fuel Oil	TK 90000	1	TK 90000 Completed

Figure 11.3.2: Customer Order to the system

Integration testing:		Tests class: admin	Designed by: Md. Al Amin Hossain	
test 3				
Data source:		Objective: Customer Order Manage	Tester: Md. Al Amin Hossain	
Test case	Description	Tasks: Checking Customer product order and Manage working to the admin page	Expected Result	Actual result
11.3.3	Product order manage to the system	Checking admin login button to the system	If admin click login button after then click manage order the page shows order manage to the admin page	Expected Output



Admin Login/Supplier Login

Email

admin@gmail.com

Password

...

☐ Forgot Password

The screenshot shows a web application interface for 'Admin Dashboard VehicleFuelOilSupply ManagementSystem'. The left sidebar contains navigation links: Dashboard, Manage Slider, Manage Category, Manage City, Manage Product, Manage Order, Order List, Manage employee, Reports, Email, and Compose. The main content area displays a table of orders.

OrderID	PurchaseItems	Total amount	Payment_type	Transaction_id	Date	Status	Billing_address	Setting
42	view items	120000	Bank		2020-10-02 19:02:45	Sifted to supplier	view address	edit delete
43	view items	165000	Bkash	gyj536289jik	2021-03-02 21:33:43	completed	view address	edit delete
44	view items	99000	DBBL	dbbl-ghtjhd523	2021-03-02 21:45:00	completed	view address	edit delete
45	view items	165000	Bkash	bk-gjiyukfdg566gg	2021-03-03 06:42:44	completed	view address	edit delete
46	view items	99000	DBBL		2021-03-03 07:01:16	Pending	view address	edit delete
47	view items	99000	DBBL		2021-03-03 07:22:21	completed	view address	edit delete
48	view items	165000	Cash		2021-03-04 20:19:51	completed	view address	edit delete
49	view items	165000	Bkash	htjkjkjkj76887	2021-03-07 19:06:24	Pending	view address	edit delete
50	view items	99000	Cash		2021-03-07 19:20:54	completed	view address	edit delete

Showing 21 to 29 of 29 entries

Previous 1 2 3 Next

Figure 11.3.3: Admin Manage Customers Order

Chapter 12 – Implementation

Training

This is a new system for the employees for real life usage and there are some functions that might be unknown for the employees. In this case training will be needed on the office premises so that they can feel comfortable while taking knowledge from the instructor. Also an instruction manual will be provided where all necessary information will be provided.

Big Bang

Big Bang implementation means a new system will be operated along the old system. During the installation of the new system, old systems will be kept on running and in the new computer new system will be implemented. The new system is much more capable than old web system. As a result, from one new computer this system will be operated and as the database is already inserted.

Chapter 13 – Critical Appraisal and Evaluation

Success rate against each objective

The objectives that were previously told is made into success in this web platform. First of all, the web system will good interface for its maximum usage. For implementing this

design framework named Bootstrap has been used. Secondly is the navigation system in the design. This is needed for rigorous browsing of the pages because sometimes when users go for multiple page browsing they get stuck. Next is the proper design of the product viewing, shopping option and payment of products. This is mandatory and the success rate in it is very good.

How much better could have been done

Already the web system that has been developed is much good compared to other types of online fuel and oil selling. But it could have been done better. There are some features that has been considered during the development but for quick deployment and as those features are put into 'could have' requirements so those are transferred into further development

How better is the feature of the solution.

The feature of the solution is much better. The descriptions are given below:

1. User management: Made in a way that any kind of manipulation can be done at any time.
2. Product management: Any kind of products can be managed along with their details.
3. Shopping processing: The cart can be changed anytime according to the user's requirement.
4. Payment system: When payment information is given, it will be redirected to international gateway.

All the features are international quality and can be used globally.

Which features could not be touched

Some features that were not touched are, voice system, computer vision system etc.

These will be implemented in future.

Chapter 14 - Conclusion

Summary of the project

The summary of the project is, this web system will help both its stakeholder and its enduser in the online shopping purpose as this system includes all the modern functions

and features. Stakeholders can be reliable as functions developed are equal to global standard web system and users can easily on the payment system while shopping.

Goal of the project

The goal of the project was to make efficient and reliable system can be accessed anywhere. The goal of the project has been fulfilled.

My Experience

My experience while developing the project was good because more challenges came while making the web system. I need to take help from the different sources and communicate continuously with the stakeholders. Moreover, the framework was also useful and new knowledge was taken from it.

Appendices

User Guide:

Using for Customer

Customer Registration form

FULL NAME *	COUNTRY:
AmirHossain	Bangladesh
CITY:	PHONE:
Chandpur	01627854121
ZIP:	ADDRESS:
3600	Bus Stand, Comilla - Chandpur Hwy, Chandp
EMAIL *	PASSWORD:
amirhossainfuelstation@gmail.com	*****

SIGNUP

Customer Registration form

Success! Registration success.Please login

FULL NAME *	COUNTRY:
Enter Your Name	Enter Your Country
CITY:	PHONE:
Enter Your City	Enter Your Phone
ZIP:	ADDRESS:
Enter Your Zip-Code	Enter Your Address
EMAIL *	PASSWORD:
Enter Enter email	Password

SIGNUP

Figure: Customer signup valid info and succssfully registration to the system

Login form

EMAIL *
amirhossainfuelstation@gmail.com

PASSWORD *
.....

[LOGIN](#)

[Forget password](#)

localhost/Vehicle_Fuel_Oil_Supply_Management_System/index.php

Vehicle Fuel
Oil Supply Management System

HOME ABOUT VEHICLE FUEL OIL FAQs CONTACT US **AMIRHOSSAIN**

NEW CUSTOMERS ARE WELCOME AT ANY TIME

Figure: Customer login email and password and succssfully login to the system

ID: 191-16-431

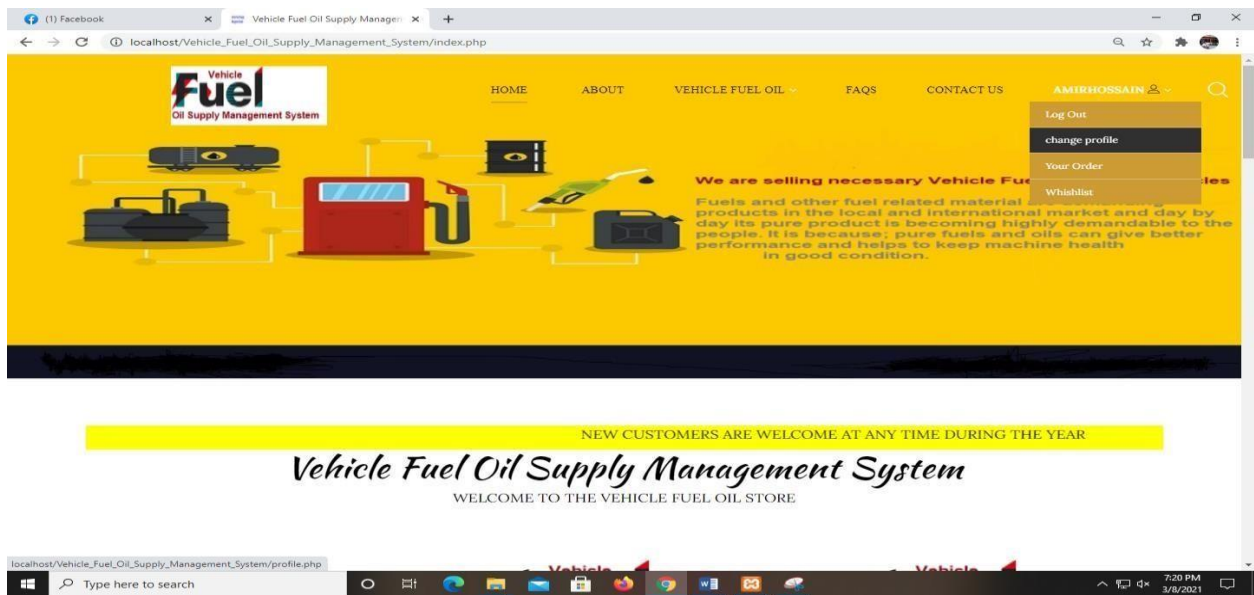


Figure: Customer Info

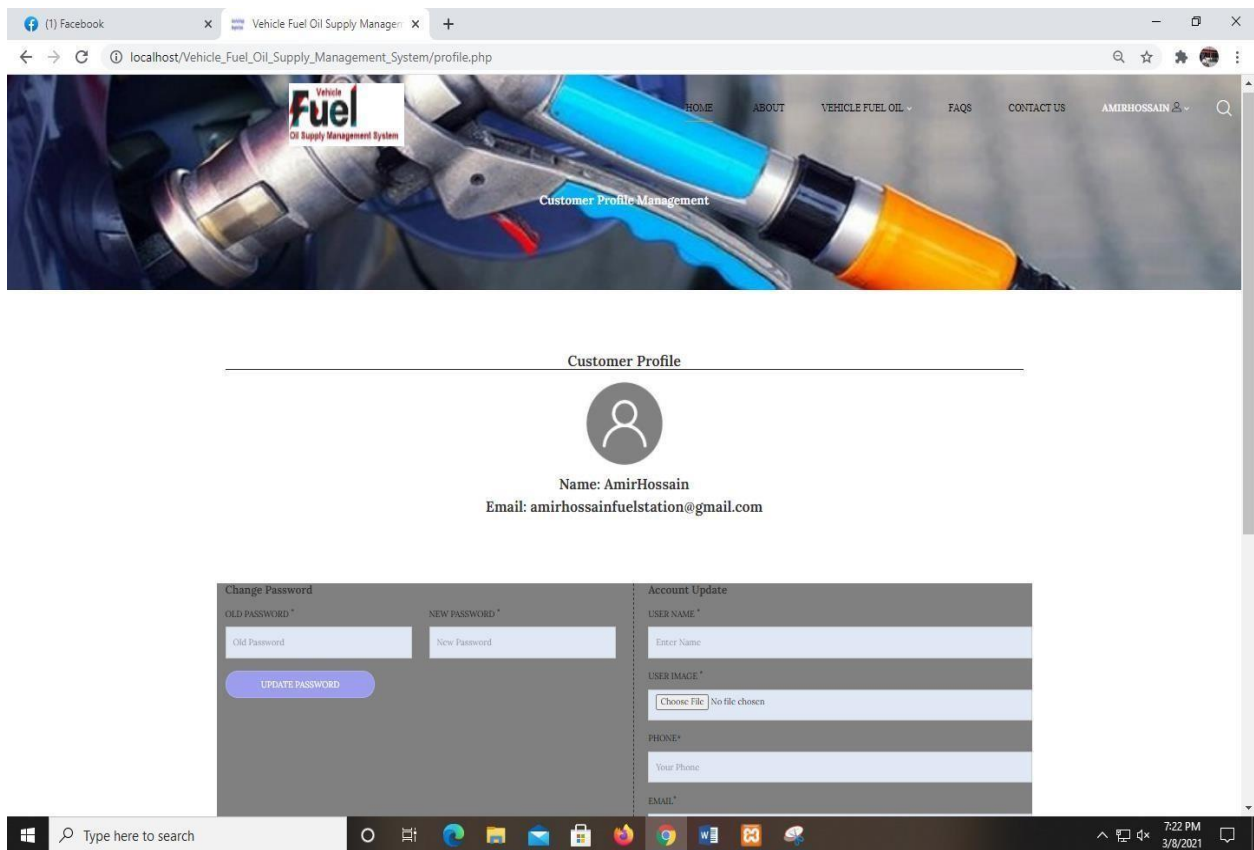


Figure: Customer profile details and password changing

Order Details
Home > order

ALL VEHICLE FUEL OIL PRODUCTS	PRICE	TRANSPORT QUANTITY	TOTAL(10% VAT)
Diesel Fuel Oil	TK 150000	1	TK 150000

Your Order

STATUS: Pending

Contact with Us
East Hajj Nagar, Dhanra, Dhaka-1301, Bangladesh
(+88) 0162794444

About
Vehicle Fuel Oil Supply

Bangladesh's first Vehicle Fuel Oil Supply Management System that provides several categories fuel oil these are Diesel Fuel, Bio-diesel, Petrol Fuel, Octane Fuel, Diesel Motor Oil etc.

DBBL Account Number: 052794844
DBBL Account Number: 0530000005081270
Bank Account Number: 2255278656

Figure: Customer order details

Vehicle Fuel Oil Supply Management System
Home > About Us

We provide Best service to the customers

Customer's satisfaction is our goal
[Go Home](#)

We are trying best facilities to the users to make sure the user's need
[Go Home](#)

About Our Business
"It is a web-based online machine fluid (fuels and oils) selling service in which people of any type can buy their required fluid type products for machines. Such machines need oil for their smaller mechanical parts to remain active."

Contact with Us
East Hajj Nagar, Dhanra, Dhaka-1301, Bangladesh
(+88) 0162794444

About
Vehicle Fuel Oil Supply

Figure:

System about Us page

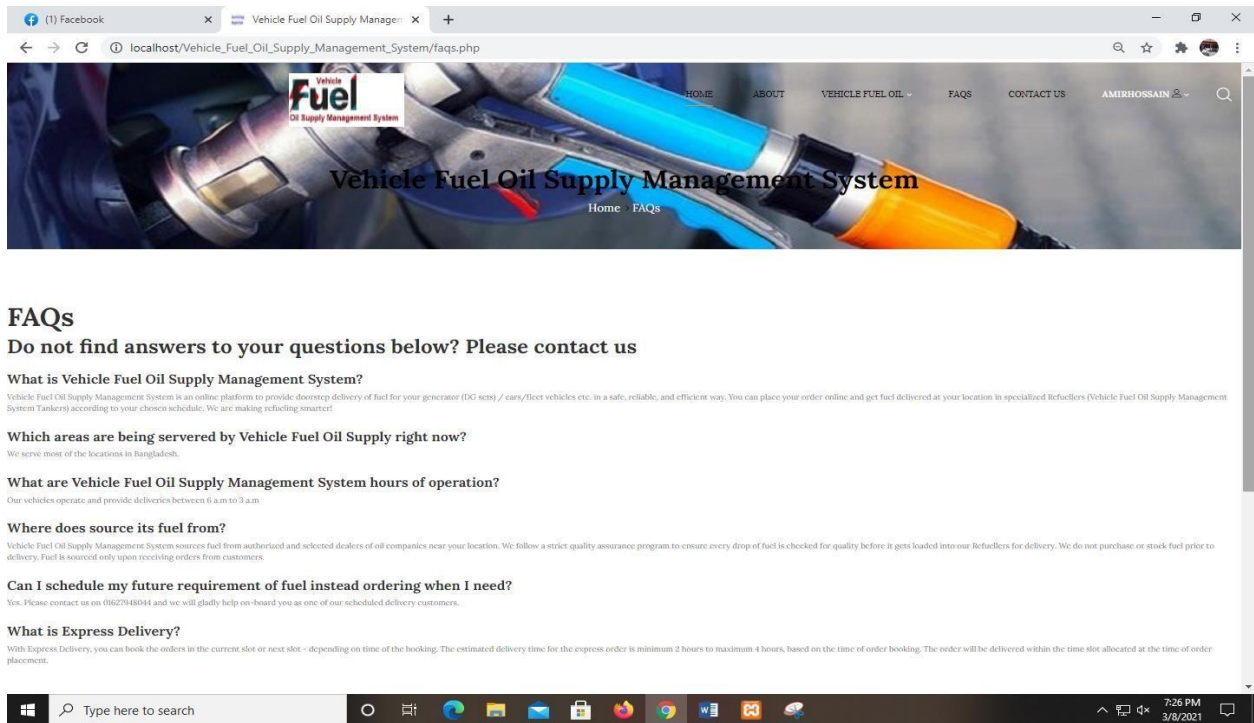
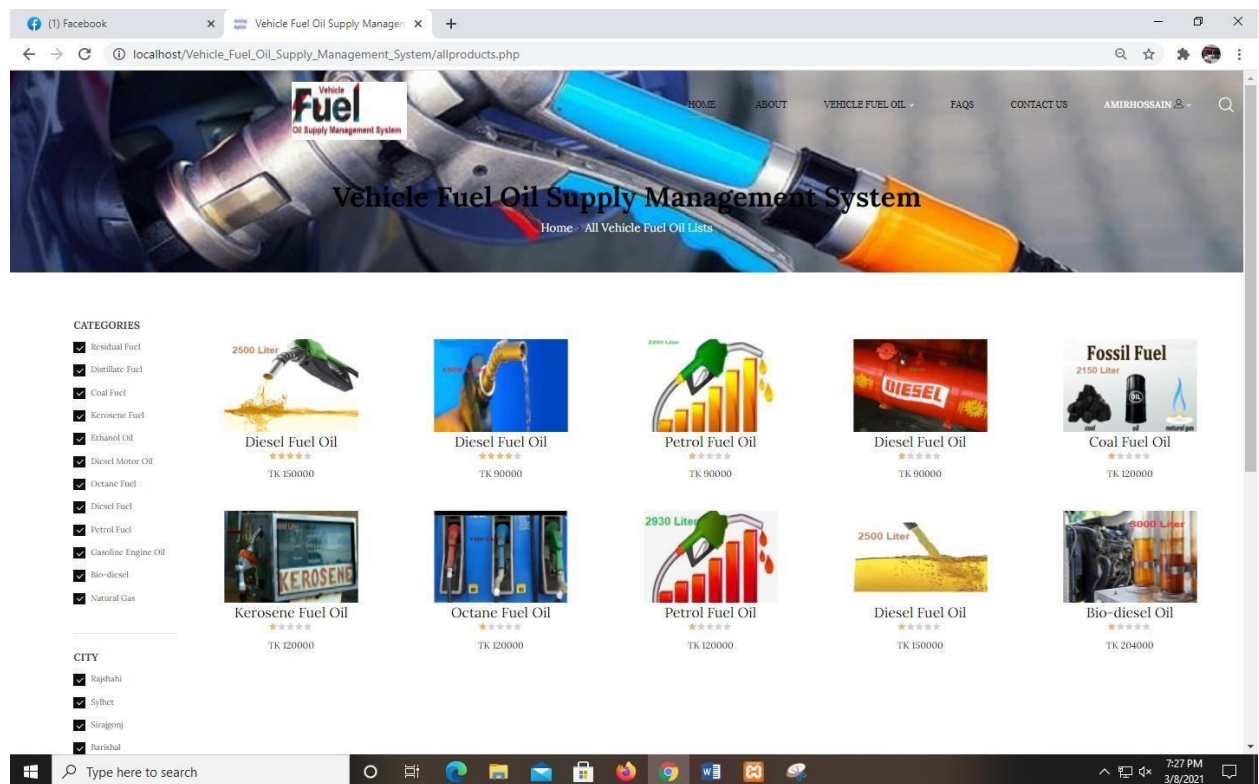


Figure: System FAQs page

Figure:



Vehicle fuel oil list

Figure:

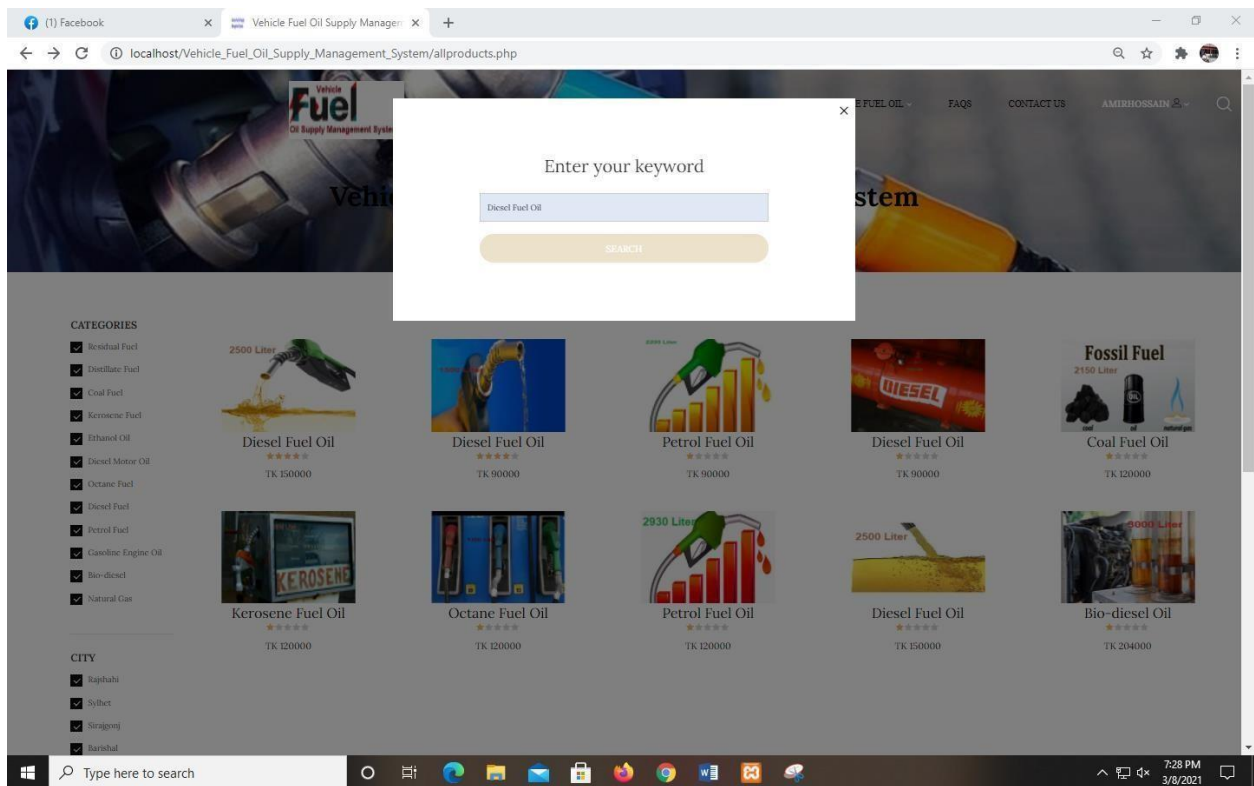


Figure: Vehicle fuel oil searching

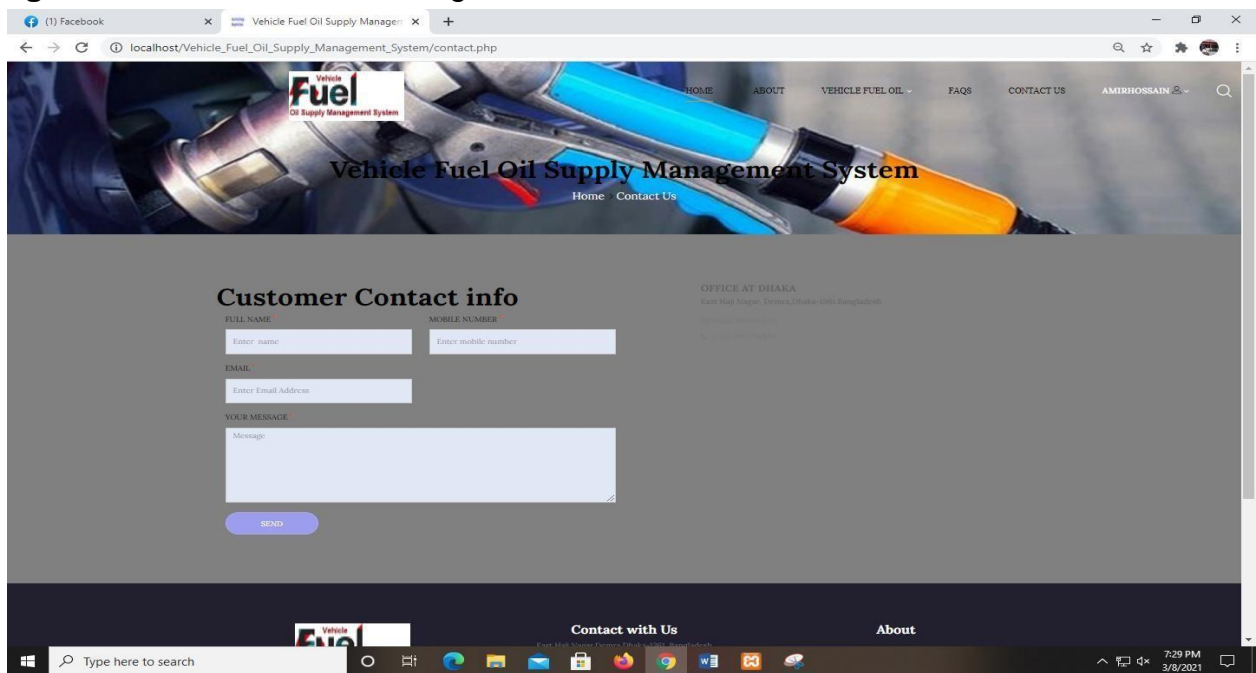


Figure:

Customer Contactus Page

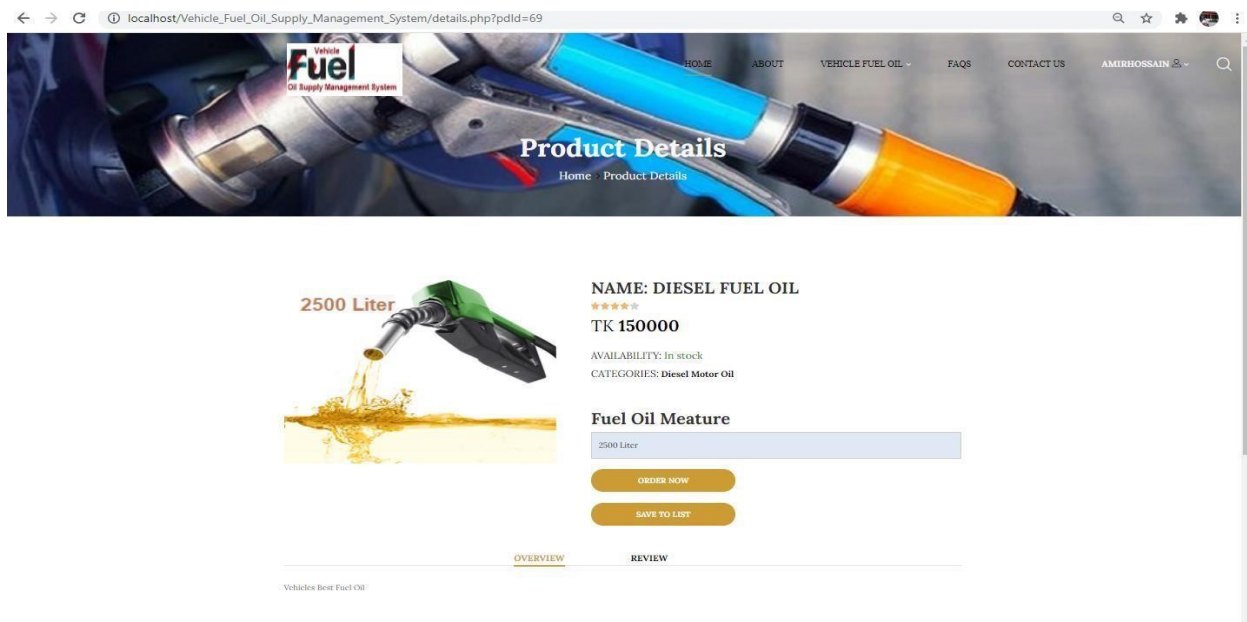


Figure: Vehicle fuel oil Details page

Figure:

OVERVIEW
REVIEW

ADD YOUR REVIEW

Name:*

Email:*

Your rating

Your Review:

SUBMIT REVIEWS

Customer review page

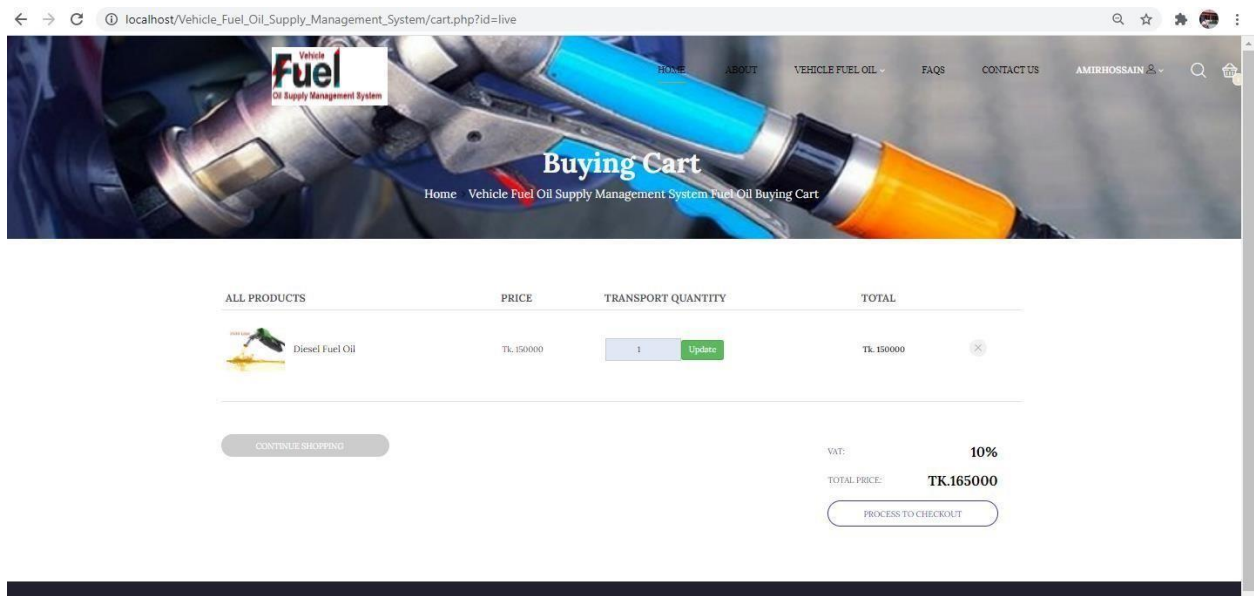


Figure:

Figure: Customer Buying Page

Oil Supply Management System

Checkout
Home · Checkout

BILLING DETAILS

Name* AmirHossain

Phone Number* 01836345405

Email Address* amirhossainfuelstation@gmail.com

City* Chandpur

Postal Code* 3600

Address* Bus stand comilla-chandpur hwy.chandpur-3600

YOUR ORDER

PRODUCT	TOTAL
Diesel Fuel Oil x 1	Tk. 150000
Card Subtitle	Tk.150000
Vat	10%
Order Total	Tk.165000

PAYMENT METHOD

☒ Cash Payment
Please send your cheque to Store Name, Store Street, Store Town, Store State / County, Store Postalcode.

☐ Online Payment Gateway
Bank Payment Bank Name : Islami Bank Bank Account Number : 2255278066 Account Type: Personal Please send the above money to this Bank Account and write your transaction code below there.

DBBL Payment DBBL Account Number : 0130000005091210 Account Type: Personal Please send the above money to this Bank Account and write your transaction code below there.

Customer Billing details and order Page**Figure:**

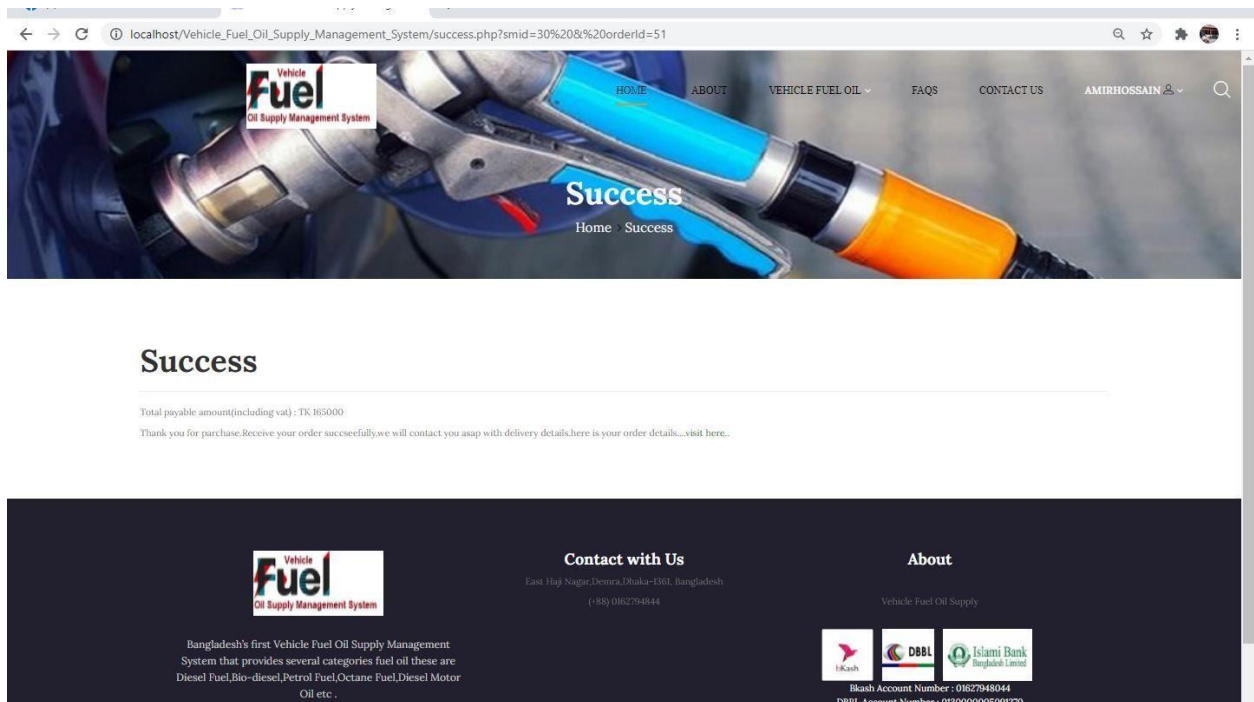


Figure: Customer order Successfully

Using for Admin



Figure:

Admin or Supplier Login Page

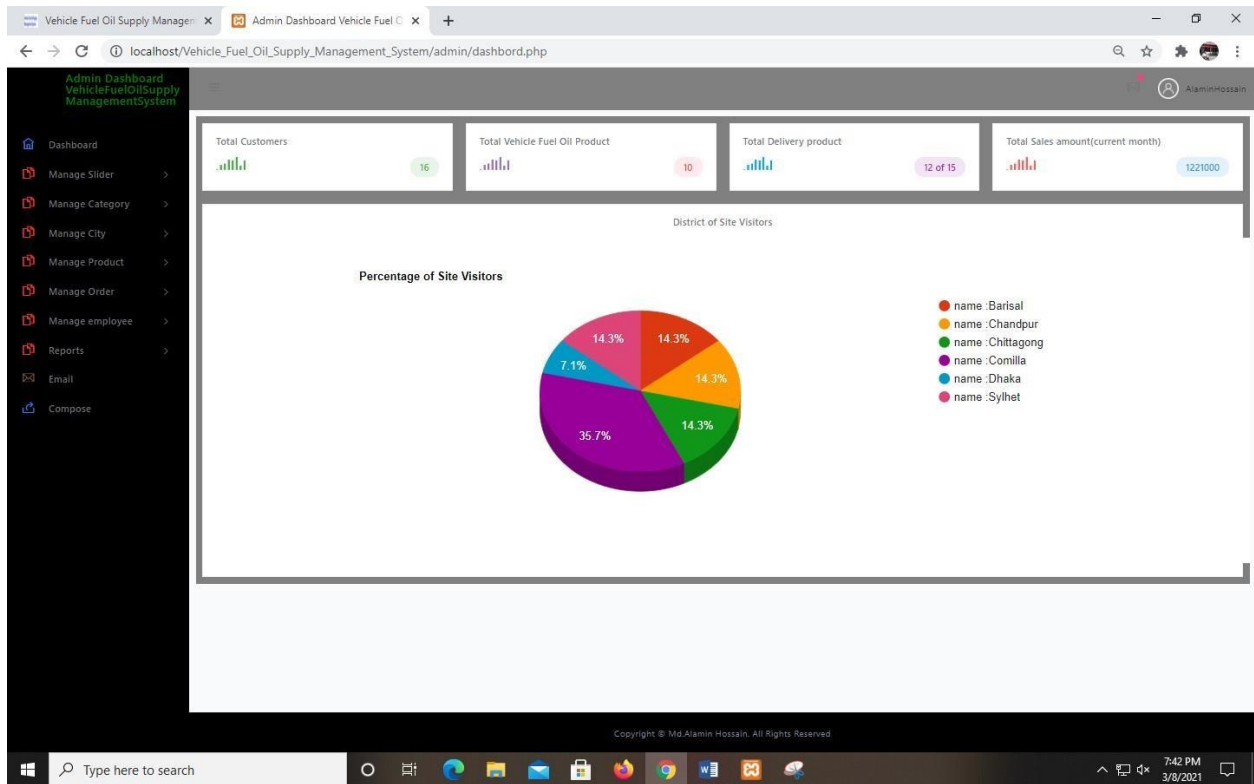


Figure: Admin Dashboard

Figure:

New Product

Product Name *

Enter product name

Category *

Select Category

City *

Select City

Content

File Input

Choose Files No file chosen

Price *

price

Product Measure *

Enter product Measure

Status

Active

Submit

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Admin add new fuel oil product

Product List

Data Table

Copy CSV Excel PDF Print

Search:

ProductName	Category	Content	Price	Measure	Image	Status	Setting
Bio-diesel Oil	Bio-diesel	Vehicles Best Fuel Oil...	TK204000	3000 Liter		active	
Coal Fuel Oil	Diesel Motor Oil	Vehicles Best Fuel Oil...	TK120000	1350 Liter		active	
Diesel Fuel Oil	Diesel Motor Oil	Vehicles Best Fuel Oil...	TK150000	2500 Liter		active	
Diesel Fuel Oil	Diesel Motor Oil	Vehicles Best Fuel Oil...	TK90000	1500 Liter		active	
Diesel Fuel Oil	Diesel Motor Oil	Vehicles Best Fuel Oil...	TK90000	1500 Liter		active	
Diesel Fuel Oil	Bio-diesel	Vehicles Best Fuel Oil...	TK150000	2500 Liter		active	
Kerosene Fuel Oil	Ethanol Oil	Vehicles Best Fuel Oil...	TK120000	1850 Liter		active	
Octane Fuel Oil	Distillate Fuel	Vehicles Best Fuel Oil...	TK120000	2000 Liter		active	
Petrol Fuel Oil	Natural Gas	Vehicles Best Fuel Oil...	TK90000	2200 Liter		active	
Petrol Fuel Oil	Residual Fuel	Vehicles Best Fuel Oil...	TK120000	2930 Liter		active	

Showing 1 to 10 of 10 entries

Previous 1 Next

Figure: Admin manage fuel oil products

Vehicle Fuel Oil Customers List

Data Table

Copy CSV Excel PDF Print Search:

















Serial No.	Name	City	Zip-Code	Country	Address	Phone Number	Email	Role	Action
1	Mukti	Comilla	3500	Bangladesh	Dhaka - Chittagong Hwy, Cumilla	01711785969	muktfueilstation@gmail.com	General	 
2	NurulIslam	Comilla	3500	Bangladesh	Comilla Padurbazar Bishoroad, 3500	01614240037	nurulislamfillingstation@gmail.com	General	 
3	AmirHossain	Chandpur	3600	Bangladesh	Bus Stand, Comilla - Chandpur Hwy, Chandpur 3600	01627854121	amirhossainfuelstation@gmail.com	General	 
4	MirRoni	Barisal	8200	Bangladesh	Band Rd, Barishal 8200	01710227851	roniinterprize@gmail.com	General	 
5	RabbiHasan	Barisal	8200	Bangladesh	Bhanga-Barisal Hwy, Barishal	01315212310	rabbifillingstation@gmail.com	General	 
6	Rahim	Sylhet	3175	Bangladesh	Dhaka - Sylhet Hwy, Sylhet	01815864213	rahimfuelstation@gmail.com	General	 
7	Jalalia	Sylhet	3175	Bangladesh	Karimganj - Sylhet Road, Sylhet 3175	01711360631	jalaliafueloilstation@gmail.com	General	 
8	MdAlam	Chittagong	4210	Bangladesh	10/122, Bayazid Bostami Rd, Chattogram	01312580265	malamfueloilstation@gmail.com	General	 

Figure: Admin manage customers list

Figure:

Vehicle Fuel Oil Category List

Data Table

Copy CSV Excel PDF Print

Search:

Serial No.	Category Name	Setting
1	Residual Fuel	
2	Distillate Fuel	
3	Coal Fuel	
4	Kerosene Fuel	
5	Ethanol Oil	
6	Diesel Motor Oil	
7	Octane Fuel	
8	Diesel Fuel	
9	Petrol Fuel	
10	Gasoline Engine Oil	

Showing 1 to 10 of 12 entries

Previous 1 2 Next

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Figure: Admin manage fuel oil Categories

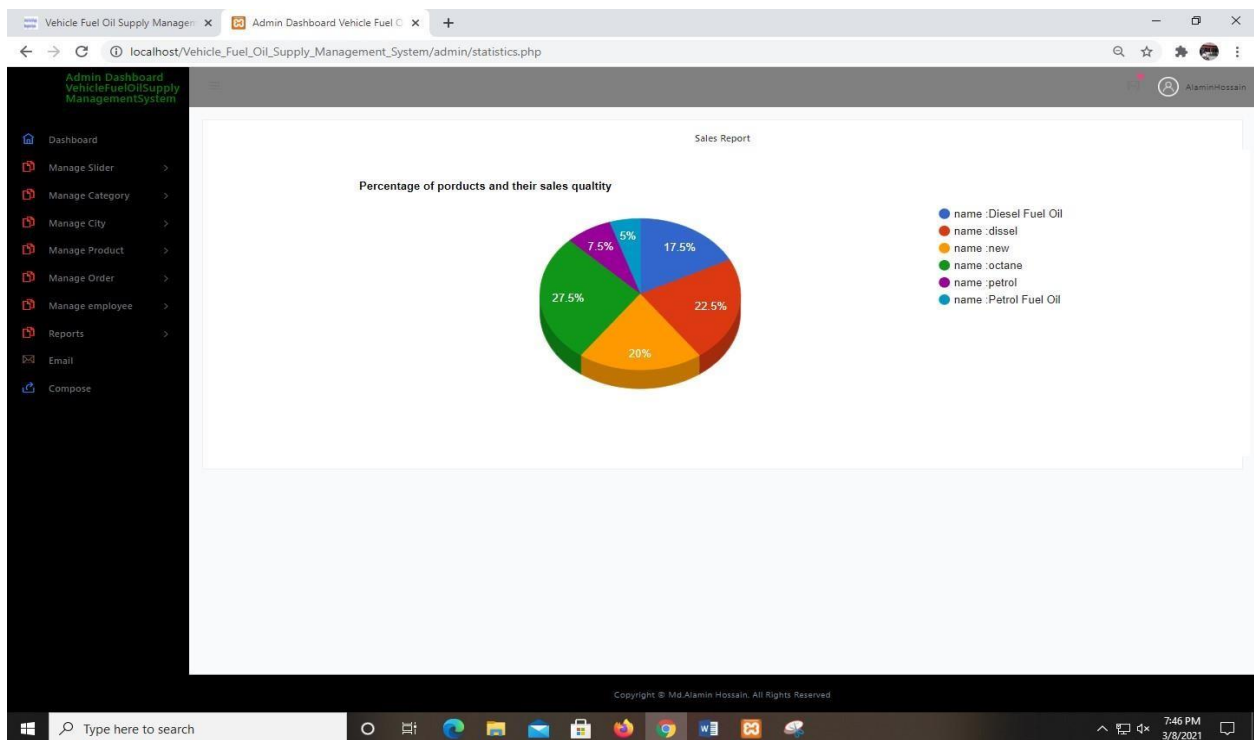


Figure: Admin manage vehicle fuel oil sales reports

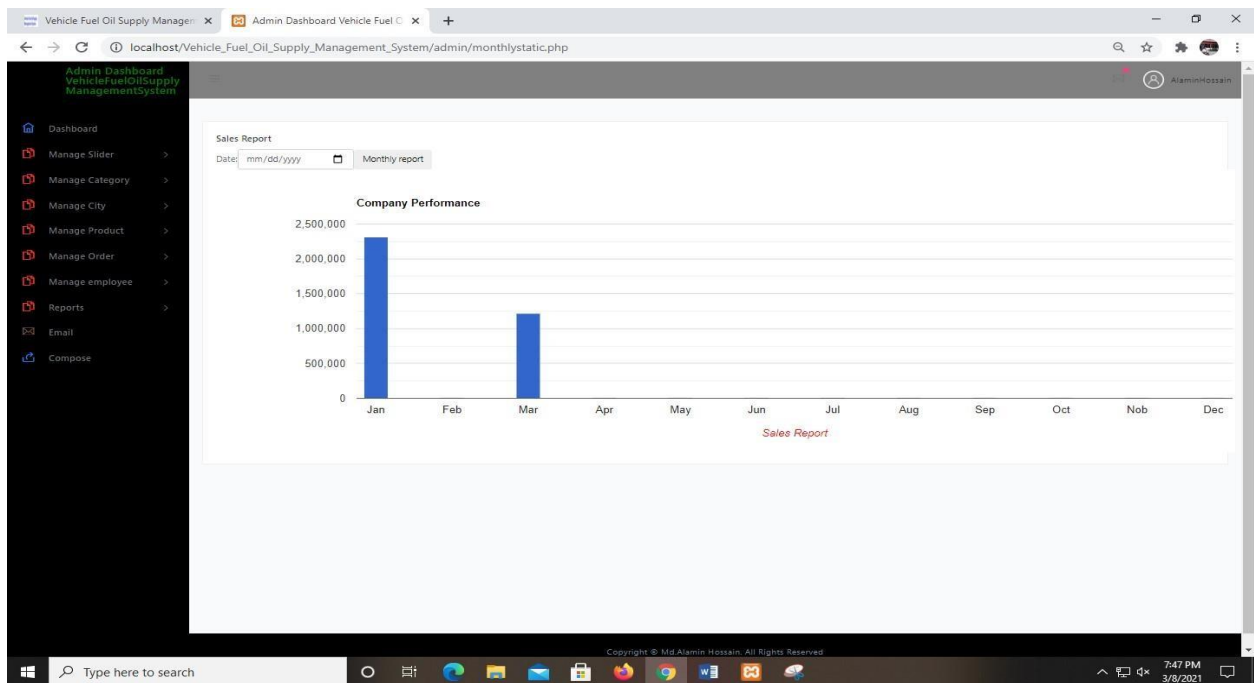


Figure: Admin manage vehicle fuel oil monthly sales reports Using for Supplier

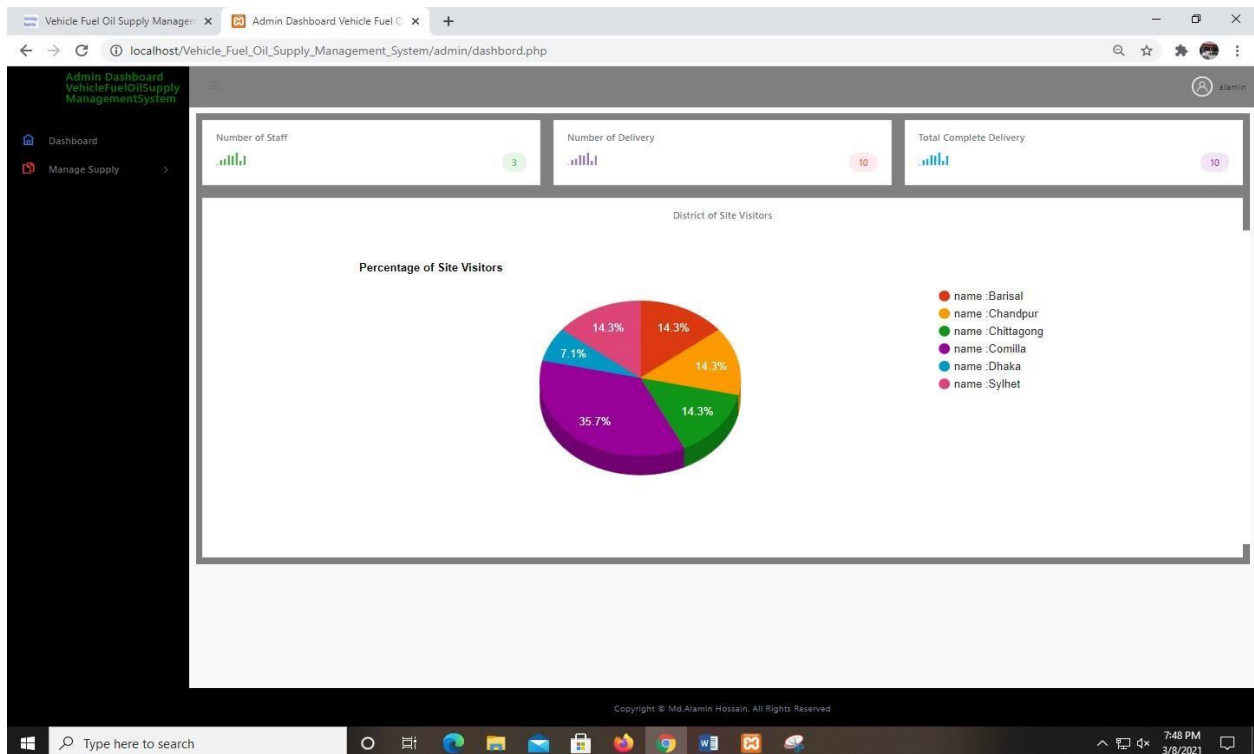


Figure: Supplier Dashboard

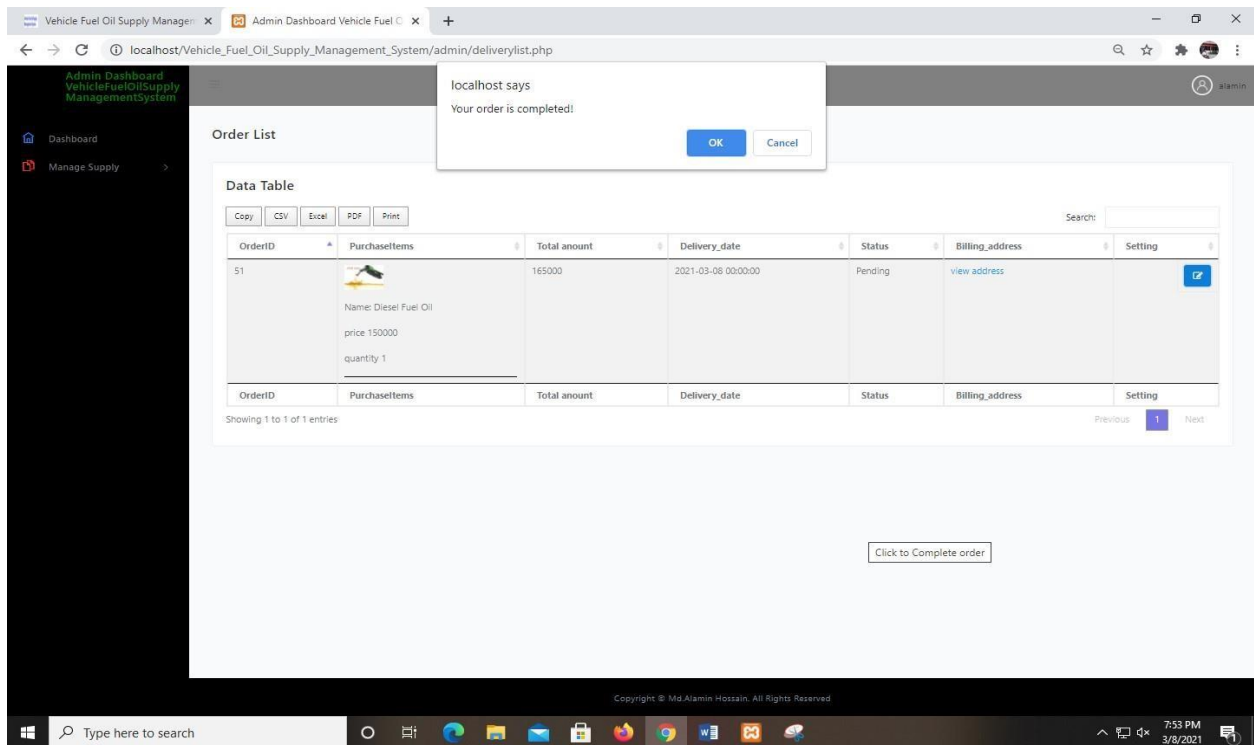


Figure: Supplier Completed Customer order

System Code

Customer Signup Code:

```

82 <div class="ps-contact__info" id="left">
83 <div class="row">
84 <div class="page-title">
85 <h4 style="color: maroon;">Customer Registration form</h4>
86 <?php if(isset($userReg) && $userReg!=='success') {?>
87 <div class="alert alert-danger alert-dismissible" data-auto-dismiss="2000" role="alert">
88 <button type="button" class="close" data-dismiss="alert" aria-label="Close"><span aria-hidden="true">&times;</span></button>
89 <strong style="color: red;">Warning!</strong> <?php echo($userReg);?>
90 </div>
91 <?php ??>
92 <?php if(isset($userReg) && $userReg=='success') {?>
93 <div class="alert alert-success alert-dismissible" data-auto-dismiss="2000" role="alert">
94 <button type="button" class="close" data-dismiss="alert" aria-label="Close"><span aria-hidden="true">&times;</span></button>
95 <strong style="color: green;">Success!</strong> <?php echo('Registration success.Please login');?>
96 </div>
97 <?php ??>
98
99 </div>
100 <form class="ps-form--contact" action="" method="post">
101 <div class="row">
102
103
104 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12 ">
105 <div class="form-group">
106 <label>Full Name <sup>*</sup></label>
107 <input class="form-control" type="text" name="name" placeholder="Enter Your Name" required="required">
108 </div>
109 </div>
110 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12 ">
111 <div class="form-group">
112 <label for="pwd">Country:</label>
113 <input type="text" class="form-control" name="country" placeholder="Enter Your Country" id="pwd" required="required">
114 </div>
115 </div>
116 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12 ">
117 <div class="form-group">
118 <label for="email">City:</label>

```



```

117 <div class="form-group">
118 <label for="email">City:</label>
119 <input type="text" class="form-control" name="city" placeholder="Enter Your City" id="email" required="required">
120 </div>
121 </div>
122 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12">
123 <div class="form-group">
124 <label for="pwd">Phone:</label>
125 <input type="text" class="form-control" name="phone" placeholder="Enter Your Phone" id="pwd" required="required">
126 </div>
127 </div>
128 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12">
129 <div class="form-group">
130 <label for="email">Zip:</label>
131 <input type="text" class="form-control" name="zip" placeholder="Enter Your Zip-Code" id="email" required="required">
132 </div>
133 </div>
134 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12">
135 <div class="form-group">
136 <label for="email">Address:</label>
137 <input type="text" class="form-control" name="address" placeholder="Enter Your Address" id="email" required="required">
138 </div>
139 </div>
140 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12">
141 <div class="form-group">
142 <label>Email <sup>*</sup></label>
143 <input class="form-control" type="email" placeholder="Enter Enter email" name="email" required="required">
144 </div>
145 </div>
146 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12">
147 <div class="form-group">
148 <label for="pwd">Password:</label>
149 <input type="password" class="form-control" name="password" placeholder="Password" id="pwd" required="required"><br>
150 </div>
151 </div>
152 </div>
153 <div class="form-group submit">
154 <button type="submit" name="registration" class="ps-btn ps-btn--yellow">Signup</button>
155 </div>

```

Customer login Code

```

1 <?php include("inc/header.php"); ?>
2 <?php
3 $login= Session::get("userlogin");
4 if ($login==true) {
5 header("Location:order.php");
6 }
7 ?>
8 <?php
9 if ($_SERVER['REQUEST_METHOD']=='POST' &&isset($_POST['login'])) {
10 $userLog=$ur->userLogin($_POST);
11 }
12 if ($_SERVER['REQUEST_METHOD']=='POST' &&isset($_POST['registration'])) {
13 $userReg=$ur->userRegistration($_POST);
14 }
15 }
16 if ($_SERVER['REQUEST_METHOD']=='POST' &&isset($_POST['forgot'])) {
17 $passrecovery=$ur->passRecovery($_POST);
18 }
19 ?>
20 <div class="ps-hero bg--cover" data-background="admin/upload/back.jpg">
21 <div class="ps-hero_content">
22 <h1 style="color: #f7f7f7; font-size: 20px;">Login/Registration</h1>
23 </div>
24 </div>
25 <style type="text/css">
26 #contact-map{
27 height: 0 !important;
28 }
29 #left{
30 border-left: 1px dashed #333;
31 padding-left: 40px;
32 }
33 .page-title{
34
35
36
37
38
39
40
41
42 </style>
43 <div id="contact-map" data-address="New York, NY" data-title="Furniture!" data-zoom="17"></div>
44 <div class="ps-contact" style="background:gray;">
45 <div class="ps-container">
46 <div class="row">
47 <div class="col-lg-6 col-md-12 col-sm-12 col-xs-12">
48 <div id="loginform">
49 <div class="page-title">
50 <h4 style="color: maroon;">Login form</h4>
51 <?php if(isset($userLog)) {?>
52 <div class="alert alert-danger alert-dismissible" data-auto-dismiss="2000" role="alert">
53 <button type="button" class="close" data-dismiss="alert" aria-label="close"><span aria-hidden="true">&times;</span></button>
54 <strong style="color: red;">Warning!</strong> <?php echo($userLog);?>
55 </div>
56 <?php ?>
57 </div>
58 <form class="ps-form--contact" action="" method="post">
59 <div class="row">
60 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12">
61 <div class="form-group">
62 <label>Email <sup>*</sup></label>
63 <input class="form-control" type="email" placeholder="Enter Your email" name="email" required="required">
64 </div>
65 </div>
66 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-12">
67 <div class="form-group">
68 <label>Password <sup>*</sup></label>
69 <input class="form-control" type="Password" name="password" placeholder="Enter Your Password" required="required">
70 </div>
71 </div>
72 </div>
73 <div class="form-group submit">
74 <button type="submit" name="login" class="ps-btn ps-btn--yellow">Login</button>
75 <a id="clickme" href="forgotpassword.php" class="pull-right"> <strong>Forget password</strong></a>
76 </div>
77 </form>
78 </div>
79 </div>
80 </div>

```

All Vehicle fuel oil Product code:

```

login.php  allproducts.php X
C:\xampp64 > httpdocs > Vehicle_Fuel_Oil_Supply_Management_System > allproducts.php
29         </div>
30     </div>
31 </div>
32
33     <div class="ps-row">
34         <?php
35         $getFpd=$pd->getAllProducts();
36         if ($getFpd) {
37             while ($result=$getFpd->fetch_assoc()) {
38
39             }
40
41             <div class="ps-column">
42                 <div class="ps-product">
43                     <div class="ps-product_thumbnail"><a class="ps-
44                     <div class="ps-product_actions">
45                         <li><a href="details.php?pdId=<?php echo($result['id']); ?>" data-tooltip="Favorite"><i class="ba-heart"></i></a></li>
46                         <li><a href="details.php?pdId=<?php echo($result['id']); ?>" data-tooltip="Add to Cart"><i class="ba-shopping"></i></a></li>
47                     </div>
48                 </div>
49                 <div class="ps-product_content"><a class="ps-product_title" href="details.php?pdId=<?php echo($result['id']); ?>"><?php echo($re
50             <?php
51             $rating=0;
52             $getrt=$pd->product_rating($result['id']);
53             $re=$getrt->fetch_assoc();
54
55             $rating=$re['avg'];
56             ?>
57             <select class="ps-rating" disabled>
58             <?php
59             for ($i=1; $i <=5; $i++) {
60                 if ($i<=$rating) {
61                     ?>
62                     <option value="1" ><?php echo($re['avg']); ?></option>
63                 <?php
64             }else{
65                 ?>
66                 <option value="<?php echo($i); ?>" ><?php echo($i); ?></option>
67             <?php } ?>

```

Vehicle fuel oil Product Order code:

```

login.php  allproducts.php  orderdetails.php X
C:\xampp64 > httpdocs > Vehicle_Fuel_Oil_Supply_Management_System > orderdetails.php
1  <?php include("inc/header.php"); ?>
2  <?php
3  $login= Session::get("userlogin");
4  if ($login==false) {
5      header("Location:login.php");
6  }
7  ?>
8  <?php
9  if (isset($_GET['conId'])) {
10     $id=$_GET['conId'];
11     $time=$_GET['time'];
12     $price=$_GET['price'];
13     $confirm=$_ct->productShiftConfirm($id,$time,$price);
14 }
15 ?>
16 <div class="ps-hero bg--cover" data-background="admin/upload/back.jpg">
17     <div class="ps-hero_content">
18         <h1 style="color: #f7f7f7;">Order Details</h1>
19         <div class="ps-breadcrumb">
20             <ol class="breadcrumb">
21                 <li><a href="index.php" style="color: #f7f7f7; font-size: 20px;">Home</a></li>
22                 <li class="active" style="color: #f7f7f7; font-size: 20px;">Order</li>
23             </ol>
24         </div>
25     </div>
26 </div>
27 <main class="ps-main">
28     <div class="ps-container">
29         <div class="ps-cart-listing">
30             <div class="table-responsive">
31                 <h1 class="text-center">Your Order</h1>
32                 <?php
33                 $uid= Session::get("userId");
34                 $getOrdet=$_ct->getOrderProduct($uid);
35                 if ($getOrdet) {
36                     ?>
37                 <table class="table ps-table ps-table--listing">
38                     <thead>
39                     <tr>

```

```

xampp64 > htaccess > Vehicle_Fuel_Oil_Supply_Management_System > orderdetails.php
41 <th>Price</th>
42 <th>Transport Quantity</th>
43 <th>Total(Cash Vat)</th>
44 <th></th>
45 </tr>
46 </thead>
47 <tbody>
48 <?php
49
50 if ($getOrder) {
51 $i=0;
52 while ($result=$getOrder->fetch_assoc()) {
53 $i++;
54 }
55 }
56
57 <td><a class="ps-product-table" <?php echo($result['price']);?></td>
59 <td><input class="form-control" type="text" value=""<?php echo($result['quantity']);?></td>
60 </tr>
61 </tbody>
62 </table>
63 <div class="form-group">
64 <div class="form-control" type="text" value=""<?php echo($result['quantity']);?></div>
65 </div>
66 <div class="form-group">
67 <div class="form-control" type="text" value=""<?php echo($result['quantity']);?></div>
68 </div>
69 <div class="form-group">
70 <div class="form-control" type="text" value=""<?php echo($result['quantity']);?></div>
71 </div>
72 </div>
73 <div class="form-group">
74 <div class="form-control" type="text" value=""<?php echo($result['quantity']);?></div>
75 </div>
76 <div class="form-group">
77 <div class="form-control" type="text" value=""<?php echo($result['quantity']);?></div>
78 </div>
79 <div class="form-group">
80 <div class="form-control" type="text" value=""<?php echo($result['quantity']);?></div>
81 </div>
82 <div class="form-group">
83 <div class="form-control" type="text" value=""<?php echo($result['quantity']);?></div>
84 </div>
85 </div>
86 </div>
87 </div>
88 </div>
89 </div>
90 </div>
91 </div>
92 </div>
93 </div>
94 </div>
95 </div>
96 </div>
97 </div>
98 </div>
99 </div>
100 </div>
101 </div>
102 </div>
103 <?php include("inc/footer.php");?>

```

Admin/Supplier Login Code

```

login.php - Visual Studio Code
login.php CA:\Vehicle_Fuel_Oil_Supply_Management_System > admin > login.php
49 </script>
50 <div class="peers ai-s frow-mw h-100vh">
51 <div class="d-n&#x2D;peer peer-greed h-100 pos-r bgr-n bgp-x-c bgp-y-c bgsz-cv" style="background-image:url(assets/static/images/back.jpg)">
52 <div class="pos-a centerXY">
53 <div class="bgc-white bdrr-50p pos-r" style="width:120px;height:120px">
54 <script type="text/javascript" style="display:none">
55 //[[CDATA[
56 window._mirage2 = { petok: "c66f3374e4bcf172936d065c3ac0a009b0a9beb-1571190668-86400" };
57 //]]>
58 </script>
59 <script type="text/javascript" src="js/mirage2.min.js"></script>
60 <noscript><img cla
61 </div>
62 </div>
63 </div>
64 <div class="col-12 col-md-4 peer px-40 py-80 h-100 bgc-white scrollable pos-r" style="min-width:320px">
65 <h4 class="fw-300 c-grey-900 mb-40">Admin Login/Supplier Login</h4>
66 <?php if(isset($loginchk) && $loginchk!="success") {?>
67 <div class="alert alert-danger alert-dismissible data-auto-dismiss="2000" role="alert">
68 <button type="button" class="close" data-dismiss="alert" aria-label="Close"><span aria-hidden="true">&times;</span></button>
69 <strong>Warning!</strong> <?php echo($loginchk);?>
70 </div>
71 <?php ?>
72 <form action="" method="post">
73 <div class="form-group"><label class="text-normal text-dark">Email</label><input type="email" class="form-control" name="email" placeholder
74 <div class="form-group"><label class="text-normal text-dark">Password</label><input type="password" name="password" class="form-control" p
75 <div class="form-group">
76 <div class="peers ai-c jc-sb frow-mw">
77 <div class="peer">
78 <div class="checkbox checkbox-circle checkbox-info peers ai-c">
79 <label for="inputCall1" class="peers peer-greed js-sb ai-c">
80 <a href="forgetpass.php" class="peer peer-greed">Forgot Password</a>
81 </label>
82 </div>
83 </div>
84 <div class="peer"><button class="btn btn-primary">Login</button></div>
85 </div>
86 </div>
87 </div>
88 </div>

```

Vehicle fuel oil product listing code:

```

File Edit Selection View Go Run Terminal Help
productlist.php - Visual Studio Code
login.php C:\Vehicle_Fuel_Oil_Supply_Management_System allproducts.php orderdetails.php login.php C:\_admin productlist.php x
C:\xampp64> htdocs> Vehicle_Fuel_Oil_Supply_Management_System> admin> productlist.php
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63
64
65
66
67
<?php ?>
<div class="row">
<div class="col-md-12">
<div class="bgc-white bd bdrs-3 p-20 m0-20">
<h4 class="c-grey-900 m0-20"> Data Table <span class="pull-right"><a href="productadd.php" class="btn btn-success btn-xs"><i class=
<table id="table-datatables" class="table table-striped table-bordered" cellspacing="0" width="100%">
<thead>
<tr>
<th>ProductName</th>
<th>Category</th>
<th style="display: none;">Color</th>
<th style="display: none;">Size</th>
<th>Content</th>
<th>Price</th>
<th>Meature</th>
<th>Image</th>
<th>Status</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<th>ProductName</th>
<th>Category</th>
<th style="display: none;">Color</th>
<th style="display: none;">Size</th>
<th>Content</th>
<th>Price</th>
<th>Meature</th>
<th>Image</th>
<th>Status</th>
<th>Setting</th>
</tr>
</tbody>
</table>
<?php
$getId=$pd->getAllProductList();

```

```

File Edit Selection View Go Run Terminal Help
productlist.php - Visual Studio Code
login.php C:\Vehicle_Fuel_Oil_Supply_Management_System allproducts.php orderdetails.php login.php C:\_admin productlist.php x
C:\xampp64> htdocs> Vehicle_Fuel_Oil_Supply_Management_System> admin> productlist.php
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114
115
116
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118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
<td style="display: none;">N/A</td>
<?php ?>
<?php
if ($result['size'] != 'null') {
?>
<td style="display: none;">
<?php
$size=[];
$size=explode(' ', $result['size']);

foreach ($size[0] as $v)
{
echo($v.', ');
}
?>
</td>
<?php ?>
<td style="display: none;">N/A</td>
<?php ?>
<td><?php echo($fm->textShorten($result['body'],50)); ?></td>
<td>TK<?php echo($result['price']); ?></td>
<td><?php echo($result['meature']); ?></td>
<td></td>
<td><?php echo($result['status']); ?></td>
<td class="pull-right">
<a class="btn btn-primary" href="productedit.php?pdid=<?php echo($result['id']) ?>"><i class="fa fa-pencil-square">
<?php
if (Session::get("adminRole")=='0') {
?>
<a class="btn btn-danger" onclick="return confirm('are you sure delect category!')" href="?delpd=<?php echo($result
<?php ?>
</td>
</tr>
<?php ?>
</tbody>
</table>
</div>
</div>
</div>

```

Admin Mange Customer Order list Code:


```

login.php C:\Vehicle_Fuel_Oil_Supply_Management_System > admin > orderlist.php
14 }
15 }
16
17 <main class="main-content bgc-grey-100">
18 <div id="mainContent">
19 <div class="container-fluid">
20 <h4 class="c-grey-900 mT-10 mB-30">Vehicle Fuel Oil Customers Order List</h4>
21
22 <?php if(isset($insertcolor)) {?>
23 <div class="alert alert-success alert-dismissible" data-auto-dismiss="2000" role="alert">
24 <button type="button" class="close" data-dismiss="alert" aria-label="Close"><span aria-hidden="true">&times;</span></button>
25 <strong style="color: green;">Success!</strong> <?php echo($insertcolor);?>
26 </div>
27 <?php ?>
28
29 <?php if(isset($delPd)) {?>
30 <div class="alert alert-warning alert-dismissible" data-auto-dismiss="2000" role="alert">
31 <button type="button" class="close" data-dismiss="alert" aria-label="Close"><span aria-hidden="true">&times;</span></button>
32 <strong style="color: red;">Warning!</strong> <?php echo($delPd);?>
33 </div>
34 <?php ?>
35
36
37 <div class="row">
38 <div class="col-md-12">
39 <div class="bgc-white bd bdrs-3 p-20 mB-20">
40 <h4 class="c-grey-900 mB-20">Data Table </h4>
41 <table id="table-datatables" class="table table-striped table-bordered" cellspacing="0" width="100%">
42 <thead>
43 <tr>
44 <th>OrderID</th>
45 <th>PurchaseItems</th>
46 <th>Total amount</th>
47 <th>Payment_type</th>
48 <th>Transaction_id</th>
49 <th>Date</th>
50 <th>Status</th>
51 <th>Billing_address</th>
52 <th>Setting</th>
53 </tr>
54
55 <?php
56 $getPd=$pd->getAllOrders();
57 if ($getPd) {
58 $i=0;
59 while ($result=$getPd->fetch_assoc()) {
60 $i++;
61
62 }
63 <tr>
64 <td><?php echo($result['orderID']) ;?></td>
65 <td>
66 <a href="order-items.php?orderId=<?php echo($result['orderID']) ;?>">view items</a>
67 </td>
68 <td><?php echo($result['amount']); ?></td>
69 <td><?php echo($result['payment_type']); ?></td>
70 <td><?php echo($result['transaction_id']); ?></td>
71 <td><?php echo($result['date']); ?></td>
72 <?php if ($result['status']=='0') {?>
73 <td>Pending</td>
74 <?php }elseif($result['status']=='1'){?>
75 <td>Sifted to supplier</td>
76 <?php }else{?>
77 <td>completed</td>
78 <?php } ?>
79 <td>
80 <a href="billing_address.php?cusId=<?php echo($result['address_id']); ?>">view address</a><br/>
81
82 </td>
83 <td class="pull-right">
84 <a class="btn btn-primary <?php echo($result['status']=='0'?':disabled');?>" title="Assign to supplier" href="ass
85 <?php
86 if (Session::get("adminRole")== '0') {
87 <?>
88 <a class="btn btn-danger <?php if($result['status']!=2){echo('disabled');} ?>" title="Click to delete" onclick="ret
89 <?php } ?>
90 </td>
91 </tr>
92 <?php }}else{echo("catagory not found");} ?>
93 </tbody>
94 </table>

```

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