An Undergraduate Internship/Project on Vehicle Management System

By

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Spring, 2022

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Attestation

This is to certify that the report is completed by me,Abdullah Amin Sadat (1721439), submitted in partial fulfillment of the requirement for the Degree of Computer Science and Engineering from Independent University,Bangladesh (IUB). It has been completed under the supervision of Raihan Bin Rafique. I also certify that all my work is genuine which I have learned during my Internship. All information sources used in this project and report have been properly acknowledged.

_____ _____

Signature Date

Write Your Name Here

_____

Name

Acknowledgement

This internship project would not have been possible without the involvement and cooperation of a wide range of individuals, many of whose names are not listed. Their efforts are much valued and recognized. I'd like to express my gratitude for having this unique internship program in which we are actively participating in the construction of something. It's challenging to work for a genuine corporation on a real-time project. However, things got much easier when others stepped up to assist us. When the job is completed, it is a source of delight. And now you have a working product. I'd like to thank Raihan Bin Rafique, Lecturer, Department of Computer Science & Engineering, Independent University of Bangladesh, for his persistent support and advice in the full preparation of this report and project. I'd also want to express my gratitude to Disrupt Technologies. They provide me with a fantastic opportunity to work on a live project. They show me how to deal with business issues, handle clients, and work on a fantastic project. I'd also like to express my gratitude to my internship colleagues for their assistance and support through difficult times. I'd also want to express my gratitude to the Independent University of Bangladesh (IUB) for organizing and providing us with the opportunity to participate in such a fantastic and lovely internship program. First and foremost, to the Almighty Allah for giving me the strength to carry out my obligations, it is because of HIS mercy and blessing that I have come so far and worked as an intern to complete the report on time.

Letter of Transmittal

April 21, 2022
Raihan Bin Rafique
Lecturer
Department of Computer Science & Engineering
School of Engineering & Computer Science
Independent University, Bangladesh.

Subject: Submission of Internship Report.

Dear Sir, I am glad to submit my internship report on" Vehicle Management System" in accordance with your instructions in order to complete the CSE499 course requirement. I tried my best to in-corporate all important information, justifications, things I learnt from the organization, and my contribution to the system in order to achieve the report helpful and thorough. Without your help, I would not have been able to finish this report, for which I am grateful. Working with Disrupt Technologies for twelve weeks was an incredible experience and a fantastic learning opportunity for me. Also, preparing this report was a fantastic experience, and I will be accessible for any clarification needed.

Therefore, I sincerely hope and pray that you will accept and act upon my Internship Report.

Sincerely,
Abdullah Amin Sadat
ID: 1721439
E-mail: 1721439@iub.edu.bd

Evaluation Committee

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Signature

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Name

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Supervisor

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Signature

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Name

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Internal Examiner / Panel Member

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Signature

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Name

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External Examiner / Organizational Supervisor

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Signature

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Name

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Head of the Department / Convener

Abstract

This report is based on my twelve-week work experience with Disrupt Technologies, during which time I worked as an intern as a web developer on the company's current project, which is described in detail below. The Vehicle Management System project was the one on which I was assigned to work. It is a system that allows users to reserve vehicles in accordance with their requirements. I was given the admin and user modules to work with. This report is organized into nine chapters, each of which is further subdivided into a number of smaller subsections. I had to write about the Background of the project, the overview, the objectives, and the scopes of my project at the very beginning of the report. In the second chapter, I was required to write about how my Internship relates to my Undergrad courses, as well as whether or not there is a similar system to the one I am developing on the market at the moment. In the third chapter, I wrote about how I plan to break down the work into smaller chunks, I wrote about the time distribution given for each activity, and I wrote about a Gantt chart where we can see which tasks are being completed in which week. Also included in this chapter is information on the estimated cost of the project. In Chapter 4, I discussed the Agile technique that will be used in the Project, which I believe is a good fit for it. Chapter 5 of the Report is the most important chapter in the report. On the subject of the work itself, I have written about it in this chapter. This Chapter also included a system analysis that was completed. Six Element Analysis, Feasibility Analysis, and Problem Solution Analysis were the sections that were included in the System Analysis process. In addition, I have created a Rich Picture of the System, UML diagrams, and functional and non-functional requirements lists for the system. I also wrote about the inputs and outputs that the system will accept, as well as the expected results. The architecture is MVC, and it has three levels of complexity as well as a test data. In Chapter 6, I have included a user interface (UI). Chapter 7 dealt with the project's long-term viability, as well as its social and environmental consequences and ethical implications. What I've learned throughout my Internship is detailed in Chapter 8, which is available online. Finally, in the final chapter, I discussed the project's future activities and then provided a summary of my findings and recommendations.

Contents

Contents

List of Figures

List of Tables

Introduction

1.1 Background of the Work(Problem statement)

The Vehicle Management System (VMS) is an application for the Automotive industry .The dealers use it as a workplace for configuration, searching, purchasing, and tracking of vehicles for the customers. The Admin can log in to the system remotely via the Internet and users your data**.**

Currently I m working on a team which is assigned to make a Vehicle management system . By using this system they can track all it's vehicle from one platform and know their locations and share them to its requested customers .The Customers can know the car schedules ,see there routes and hire any car they need from there personal devices by logging into their account.

Currently this car reserving system is executed manually, in which if the applicant wants to get the reserving form from workplace then fill the car reserving form through handwriting, after that they need to get the approval from the verifier staffs, then they sent the form for car booking .This method takes plenty of time, area, paper, cash and energy.

This traditional manual method also slows down the process of booking a vehicle as the staff is not always aware of the location of all the vehicles and cannot confirm a booking for several days as the records are checked to locate all available vehicles.This process take weeks to complete and some times if the stuffs make any mistakes the customer can not get their desired ride in time or sometimes miss their requested schedule for the journey.

1.2 Objectives

- The system aims to solve the manual car renting service of a company to a online based service for its users
- The system will track all the transaction data for its users and for the authorities.
- The system will keep record of the driver's working status.
- The system will make the billing method easier to make for the authority ,
- The system will store the driver information's in one place.
- The system will store the car details.
- The system will store all the trip details used by the system .

1.3 Scopes

- Users will get to book vehicle anytime.
- Users can look into their trip details anytime.
- Users can request for payment .
- Users can check order status.
- All information will be stored automatically.

- Management can handle user request and drivers easily.
- Management can know record vehicle and driver is available.
- Newer service will be added as the company’s demand.

Chapter 2

Literature Review

2.1 Relationship with Undergraduate Studies

During my undergraduate studies, I took various courses and learned a lot. I have learned to build, to think about, to develop, to explore and to analyze. During my university years I was also introduced to the world of logic and decision making. .As a computer science student, I learn programming, data structure, algorithms, database management systems, web and internet applications , systems analysis and many more.

The skills and knowledge I am going to create this website 'Vehicle Management System' was all taught in my undergrad life.The courses are:

• CSE 309 (Web Application and internet) : This course will help me the most in this project,in this course we were taught about the web application development from the very beginning .Int his course we were taught HTML, CSS, JavaScript, json and PHP.

• CSE 307 (System Analysis and Design) : In this course we were taught about how to analyze a system and design according to the requirements.This course will help a lot to create a document for the website.

• CSE 303 (Database Management) : This course is the cornerstone of this project. In this course we were taught how to plan, draw process flow diagrams, rich pictures, normalization and requirements analysis, entity relationship diagrams(ERD) and business processes. Model Diagram and Notation and finally SQL.

• CSE 203 (Data Structure) - This is a first level course; this course has helped make data much easier to work with.

2.2 Related works

Truck Lagbe : Truck Lagbe is a technology platform optimizing how Bangladesh books truck. It connects businesses and customers to the right drivers and fleet owners for their hauling needs.BY using this platform users can book trucks whenever they need. The 'Truck Lagabe' app is well known for transporting goods in the country. It has been found out that this startup of the country is working to solve the transportation problem of small entrepreneurs. Keeping in mind the transportation problems, this local app-based transport service provider has come up with a system to search and bargain for trucks at home. In other words, they are arranging any kind of truck through the app sitting at home.

Amar Rent A Car : Amar rent a car provides services to the executive and corporate travelers in Dhaka,Bangladesh. They provide daily ,monthly car rental service all over Dhaka city.

Chapter 3

Project Management & Financing

3.1 Work Breakdown Structure

A work breakdown structure (WBS) is a process for breaking a multi-step project into smaller parts. It is a strategy to divide large projects into smaller ones and to eliminate them quickly and effectively. The purpose of the work breakdown structure (WBS) is to make the big project easier to manage.By breaking it down into smaller pieces the sections allow multiple team members to work on it simultaneously, leading to increased team productivity.We also built the WBS for our project, as it divides the project into smaller components and will help us complete the project quickly and effectively. It also makes the project well planned. We have divided our work into 5 processes,those are : Requirement Analysis, Design, Development, Testing and Deployment.

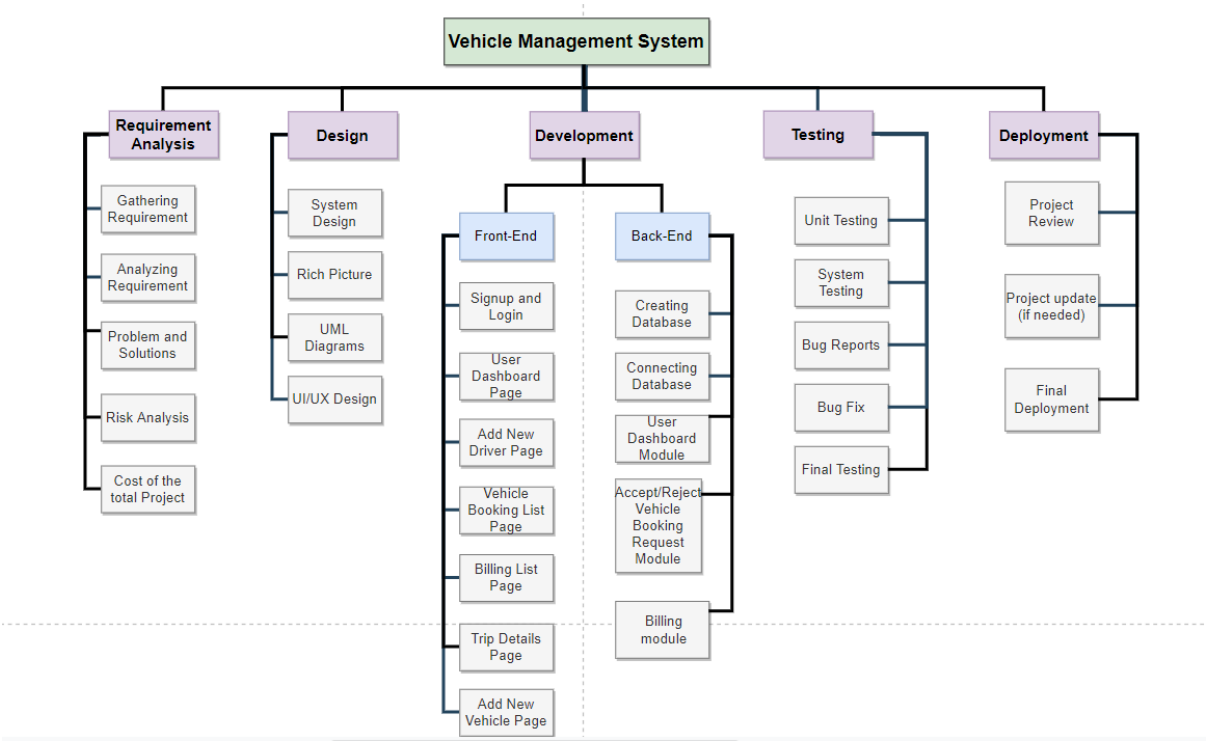

Figure 3 1 Work Breakdown Structure

3.2 Process/Activity wise Time Distribution

In my Work Breakdown Structure, we have seen that there are five processes within the project. For each process, there's a limited time given to complete it. When the project is divided into smaller parts and given a certain time to complete it, the work will be done efficiently. If there is no time range given as a finish line, the project might take more time than required. The table below shows the time assignment of the work done.

Activity	Days
Requirement Analysis	8
Design	12
Development	30
Testing	6
Deployment	4
Total	60

Table 3 1 :Process/Activity wise Time Distribution

3.3 Gantt Chart

By using Gantt Chart, we are able to keep track of the progress of the project. It will help us to have a clear vision of what we want to achieve and by when it will be completed.

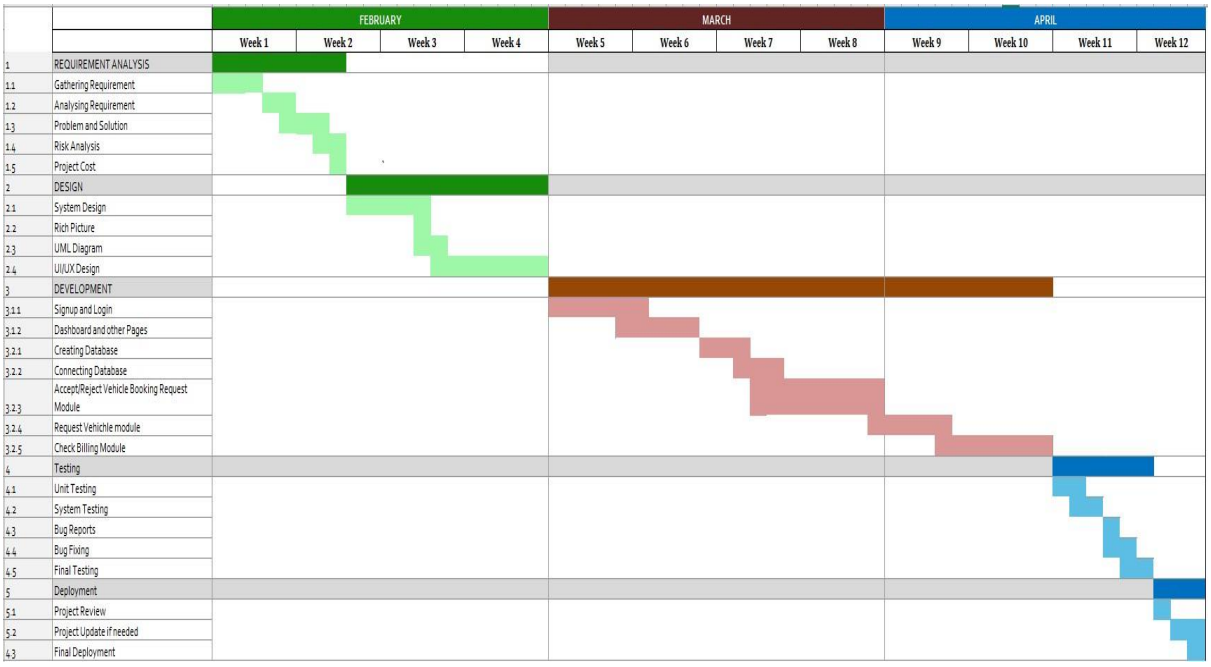

Figure 3 2 Gantt Chart

3.4 Process/Activity wise Resource Allocation

In Work Breakdown Structure, we already figured out the process we need to complete our project. Now, we are distributing this activity to our team members. So that we can complete our project within the estimated time.

Section	Resource Allocation
Requirements	Project Manager
Design	System Analyst
Development	Developer
Test	Q/A Tester
Deployment	Project Manager

Table 3 2:Process/Activity wise Resource Allocation

3.5 Estimated Costing

The total estimated costing of the project is an important factor. We can get an idea of the amount of money needed to build the project. We can know how much money is to be spent on which part of the project. The main portions of the costing are the salary of the UI/UX developer, System analyst, Development team, business analyst and marketing team.We made an approximate cost of the system.Additional charge will be added if the client wants after development services, such as site hosting and domain.

Stage	Cost (BDT)
UI/UX Design	35,000
Front End	40,000
Backend	45,000
Testing	20,000
Total	1,40,000

Table 3 3: Estimated Costing

Chapter 4

Methodology

The software development process is a method of dividing software development work into stages to improve system design, improve project management. This is also known as the Software Development Life Cycle (SDLC) . There are 7 phases of SDLC . Planning, Analysis, Design, Development, Testing, Implementation and Maintenance. Some of SDLC models are :

- Waterfall
- Lean
- Agile
- Iterative
- DevOps
- Spiral
- Prototyping

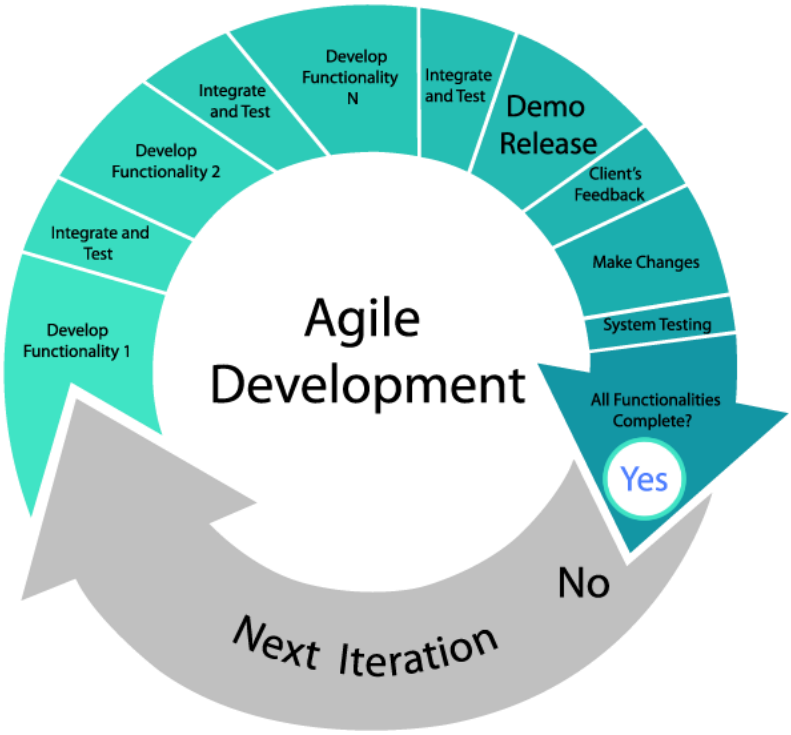

Figure 4 1 Agile Development

We are going to use the Agile methodology to make the system .

The Agile methodology is a method of project management that divides a project into numerous phases. As the project is broken down into smaller phases, the work can be done faster and efficiently. All the features are not needed to be done at once; we can do them part by part. When we complete a task, we can get the feedback almost daily and quickly act on that feedback immediately. We can have a better control of the project in Agile.

Chapter 5

Body of the Project

5.1 Work Description

By filling out an online requisition form, users can request a car for a specific amount of time. The requester can view the vehicle's details as well as the name of the concerned driver.

According to the system, one must be a member of the organization's registered staff, such as an officer or other, and must get a login name and password. The username should be one-of-a-kind. The system administrator can open or close a user account.

To begin, the applicant must use the default username and password to log into the system. After that, the applicant may go to the system's site and choose whether to check the car booking history or apply for a vehicle by filling in the relevant information on the side of the webpage.

The User Payment seed/check option will show the Booking ID, Vehicle Registration, Driver Id, requested date and return date of booking, place to go,Total Cost and status of payment .

The applicant must fill out the essential information, such as vehicle details, pick-up and return information, and location, under the choice, submit.

The Admin can accept or reject any request for a vehicle from his account and make bills for the trip. By going to add a driver or add vehicle option he can add a new vehicle and driver to the fleet. He can see all the pending requests from his accound. He can give access to users for maintaining the system.

5.2 Requirement Analysis

5.2.1 Rich Picture

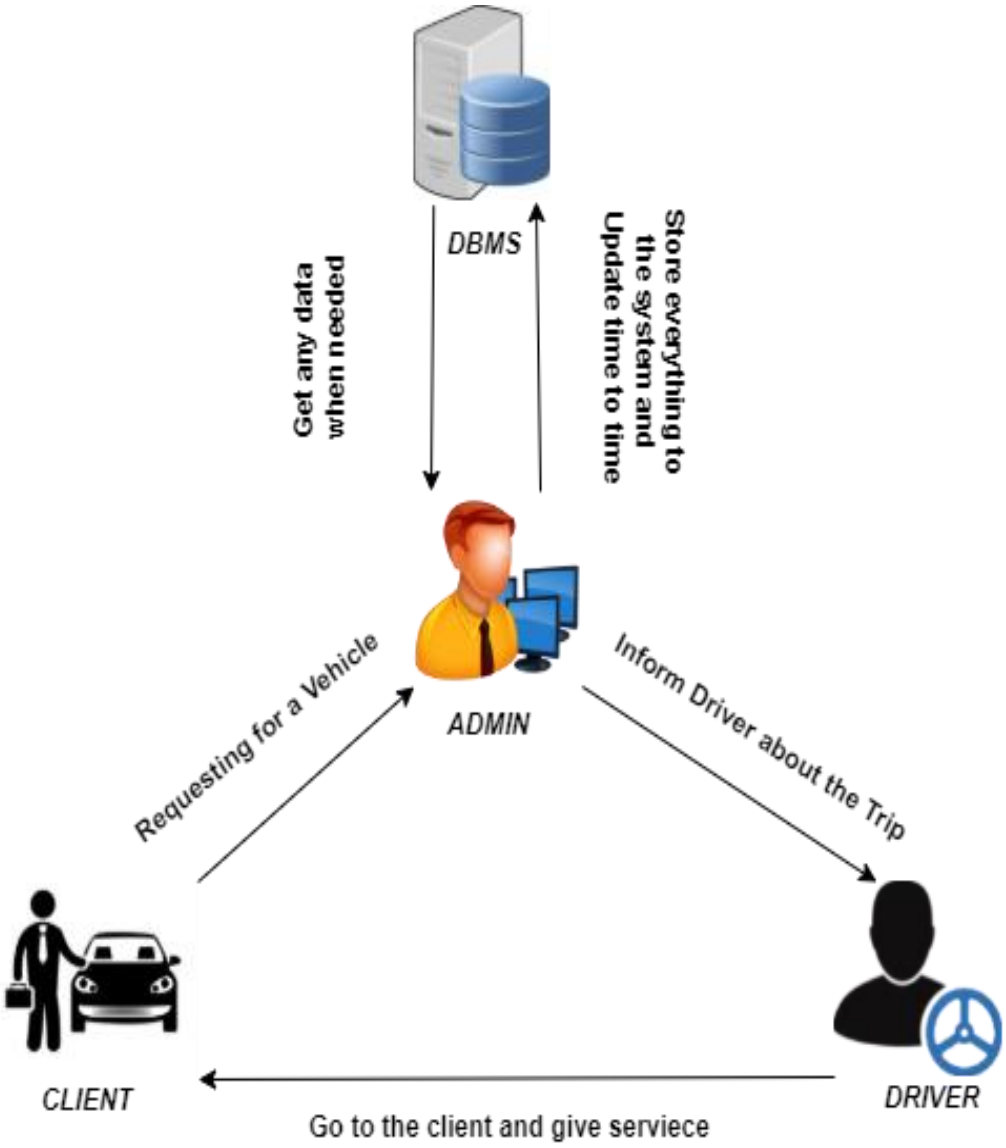

Figure 5 1 Requirement Analysis

5.3 System Analysis

5.3.1 Six Element Analysis

Process	Human	Non Computer Hardware	Computer Hardware	Software	Database	Communication and Network
Signup	System User	N/A	Computer	Browser	MySQL	WAN
Login	System User/System Admin	N/A	Computer	Browser	MySQL	WAN
Admin Profile	System Admin	N/A	Computer	Browser	MySQL	WAN
User Profile	System User	N/A	Computer	Browser	MySQL	WAN
Add Driver	System Admin	N/A	Computer	Browser	MySQL	WAN
Add Vehicle	System Admin	N/A	Computer	Browser	MySQL	WAN
Driver Info	System User/System Admin	N/A	Computer	Browser	MySQL	WAN
Vehicle & Route Management	System User/System Admin	N/A	Computer	Browser	MySQL	WAN
Update order status	System Admin	N/A	Computer	Browser	MySQL	WAN
Prepare	System	N/A	Compute	Browser	MySQL	WAN

Bill	Admin		r			
Pay Bill	System User	N/A	Compute r	Browser	MySQL	WAN
Update Paymen t Status	System Admin	N/A	Compute r	Browser	MySQL	WAN

Table 5 1: Six Element Analysis

5.3.2 Feasibility Analysis

We need to do a feasibility study in order to effectively construct and implement our project.It will inform us about the advantages of our proposal. It will also inform us of some critical issues that we must all consider before beginning our project.The study's purpose is to determine whether the concept is technically and financially feasible.

- **Technical Feasibility:** The technical teams engaged determine the project's technical feasibility. Disrupt Technologies is an IT firm with a group of system developers and technical professionals. They are extremely qualified and have worked on huge projects previously. Because the corporation has a lot of resources.As a result, the software's development is technically feasible.

- **Operational Feasibility:** This program is simple to operate. Employees can simply comprehend what is going on and how to complete all tasks. The organization does not require an expert to run this. This software is accessible to everybody. This program does not require any maintenance. However, management should select a suitable hosting site for the project's deployment. A decent hosting site can deliver the highest performance.

- **Economic Feasibility:**A cost-benefit analysis of the project is frequently included in this study. The total cost of constructing the website is calculated, including all cost breakdowns.This software provides a lot of financial advantages. The organization may simply manage and track Drivers,vehicles and service data using this program.

5.3.3 Functional And Non functional Requirements

Functional Requirements

Functional Requirement Number	Functional Requirement Description
FR1	The system shall generate a unique id for every User, Driver, Vehicle and Bill .
FR2	The system shall check new user's emails are unique or not. And the system only accepts unique emails from new users.
FR3	The system shall allow admin to create and delete drivers and vehicles..
FR4	The system shall store all service information for future uses and analysis.
FR5	The system shall display all services available to the particular user
FR6	The system shall allow displaying admins and users profiles.
FR7	The system shall allow admin to update page roles.
FR8	The system shall allow admin to prepare bills for the requested trips.

Table 5 2: Functional Requirements

Non-Functional Requirements

Usability

- This system's user interface is clear and straightforward. Users can quickly become used to this program.
- This program is simple to use for every user.

Performance

- The system will be responsive with any type of device.
- The system will respond to user requests very fast.

Information

- Every service detail will be saved in a database for future reference.

Control

- This system is going to be secure.
- User data will be carefully backed up in the event of a disaster.

Service

- This program can be used by users from all around the world.
- The system will be portable, thus switching from one OS to another or from one device to another will not be an issue.
- Updates to the system will be required from time to time.

Reliability

- The system will be available for any kind of device, computer and mobile.
- The system will get data recovery backup from us.
- System Updates or testing will not affect the running system.

5.4 System Design

5.4.1 UML Diagrams

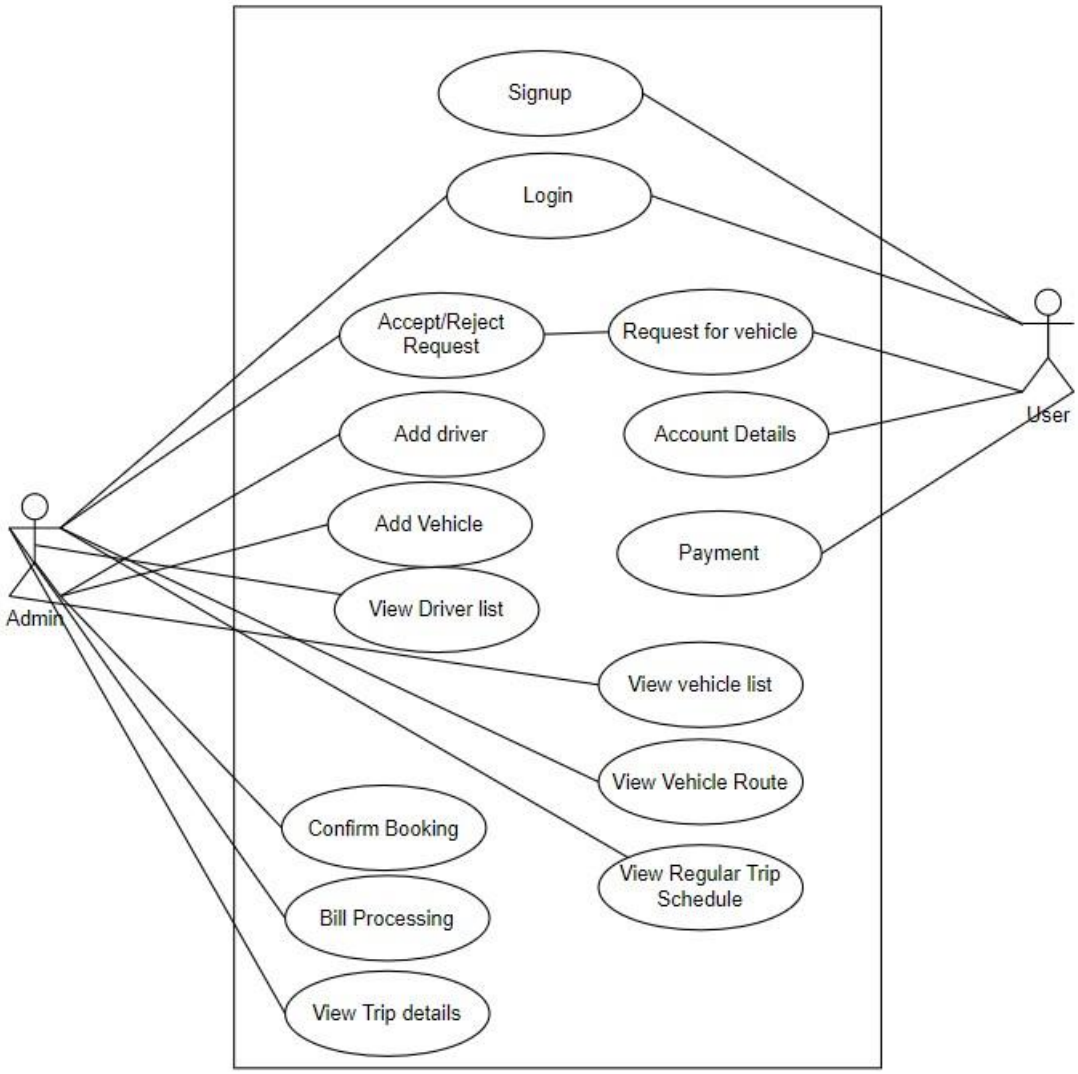

Figure 5 2 UML Diagram

Entity Relationship Diagram

We didn't define relationship via foreign key that's why main model doesn't have chain

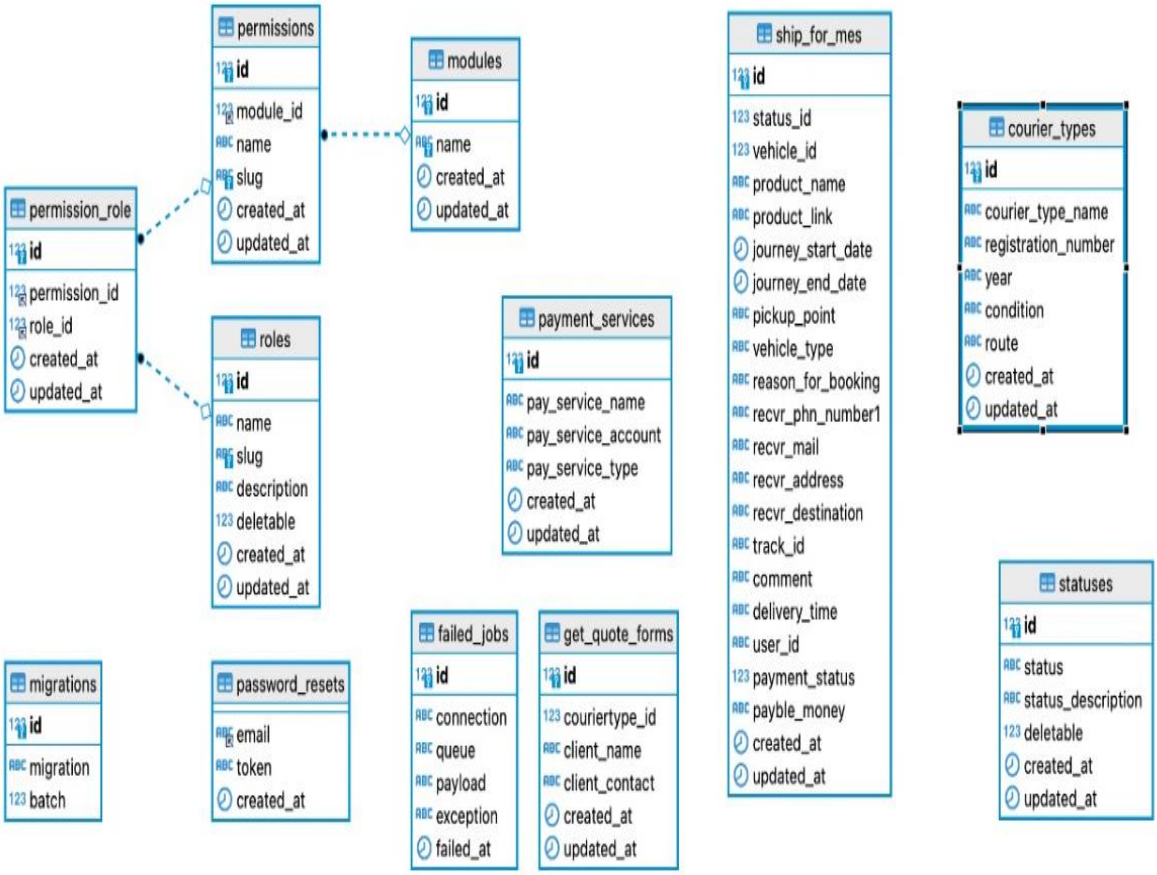

Figure 5 3 ERD Diagram

Activity Diagram

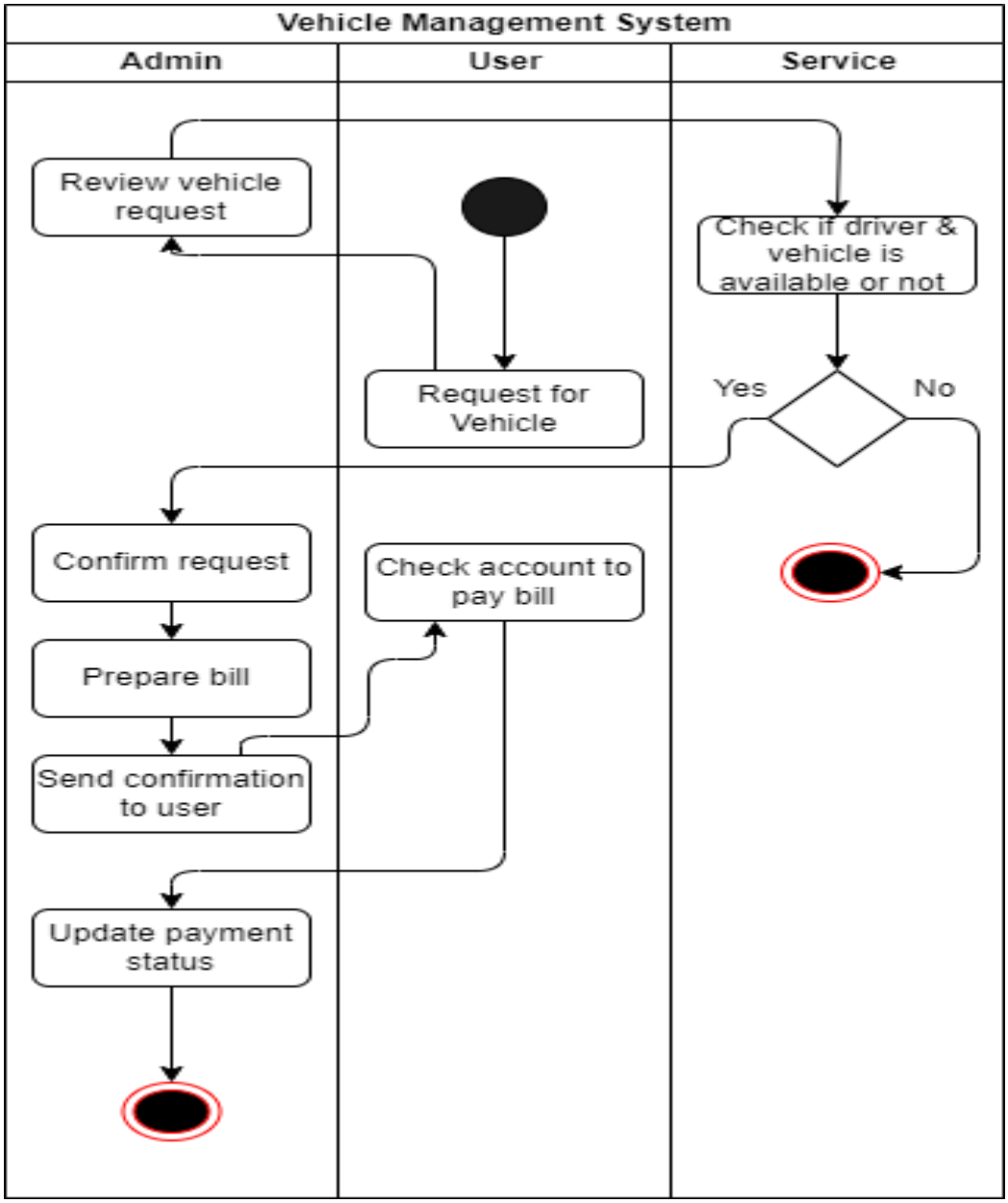

Figure 5 4 Activity Diagram

5.4.2 Architecture

The model we are using is MVC. MVC (Model View Controller) is a design pattern. Its goal is to keep business logic and display elements separate. ASP.Net MVC is a framework for building web applications that combines ASP.Net and the MVC paradigm. One of the characteristics of ASP.NET MVC is the ability to give commands to the controller section using SEO friendly URLs.

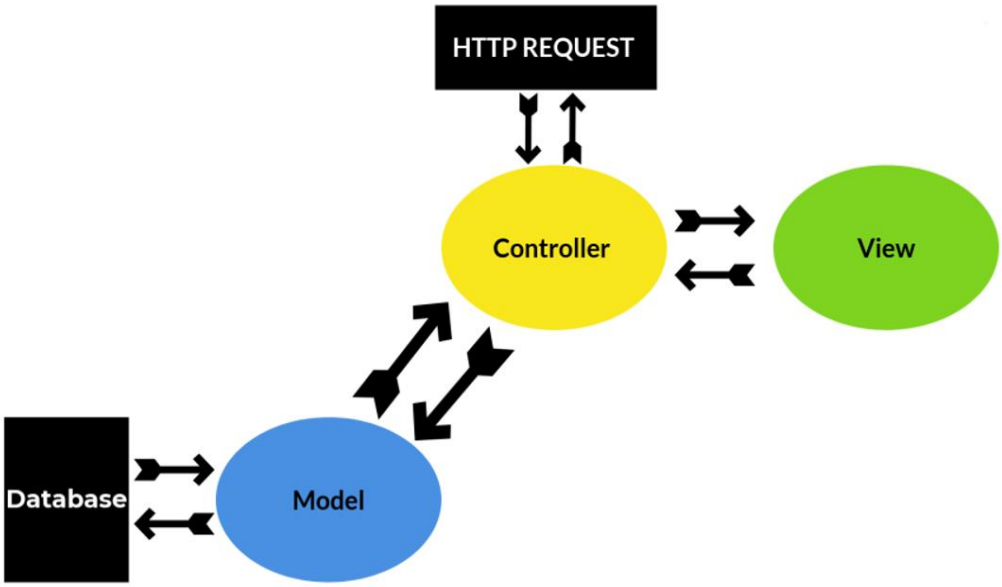

Figure 5 5 Model view controller

5.5 Implementation

The system will have a web interface where user of the system (Admin/User) can login and register, where user can reserve a car, can view request status. Interface where the user can book a car, admin can watch/create the regular trip schedule and his/her account details. Admin will able to cancel/accept a booking request, can update a new car and driver to the system. He/she can see all the trip details and make bills for each trip . Admin can also release the driver work status (busy/vacant) .

5.6 Product Features

5.6.1 Input

In the input phase the user will get a login form from where they can log into their account to get farther services from the system.

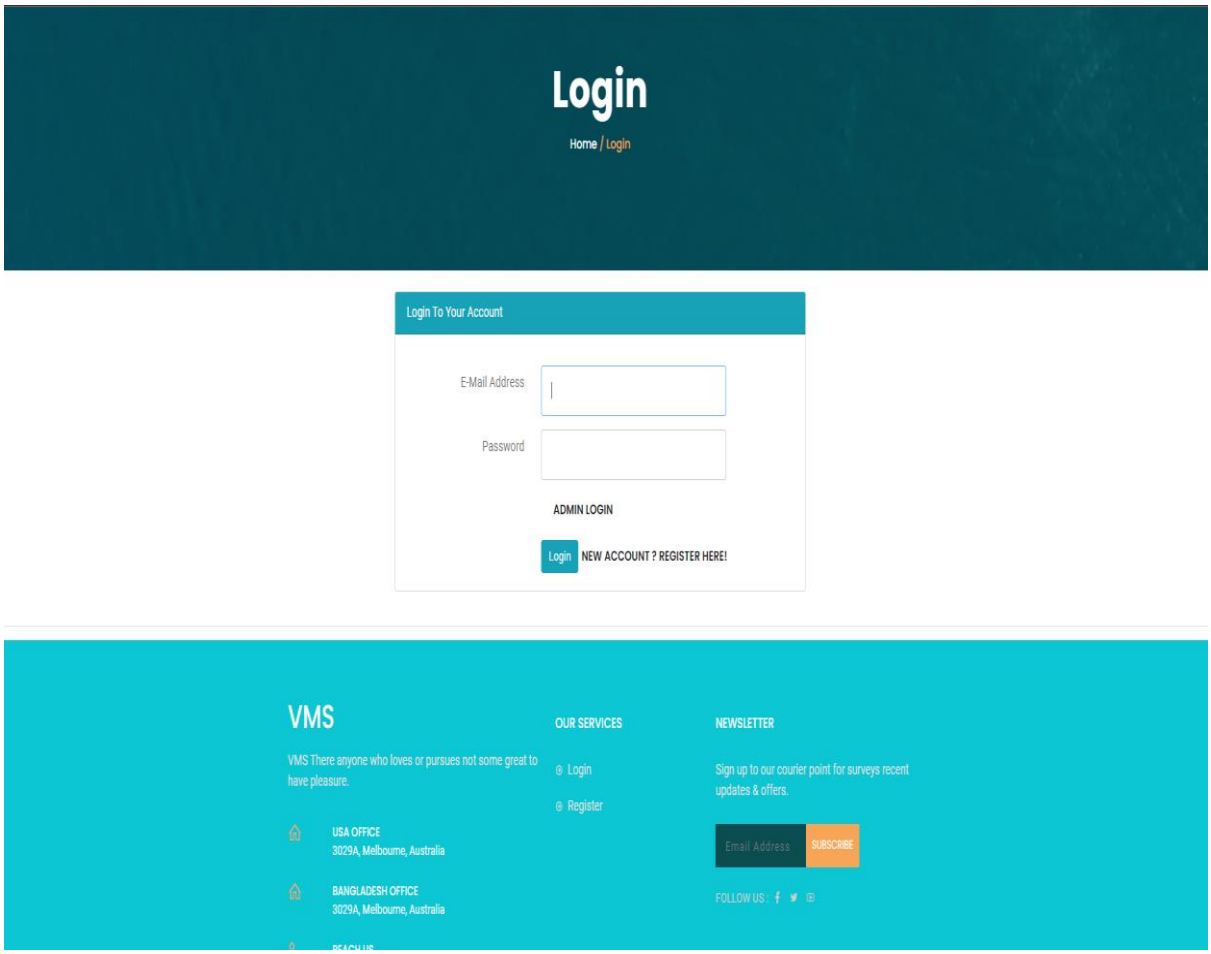

Figure 5 6 User Login

Here in the lower left is the admin login option, from there the Admins can login to their account.

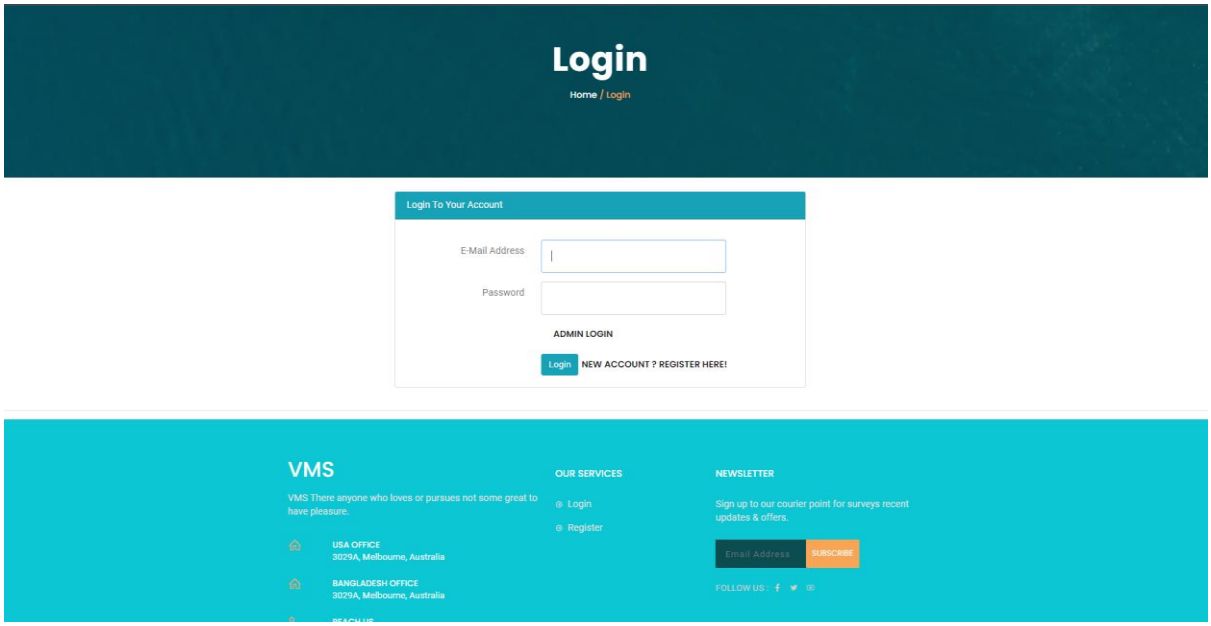

Figure 5 7 Admin Log in

By selecting the Admin login the admin can have access to his account.

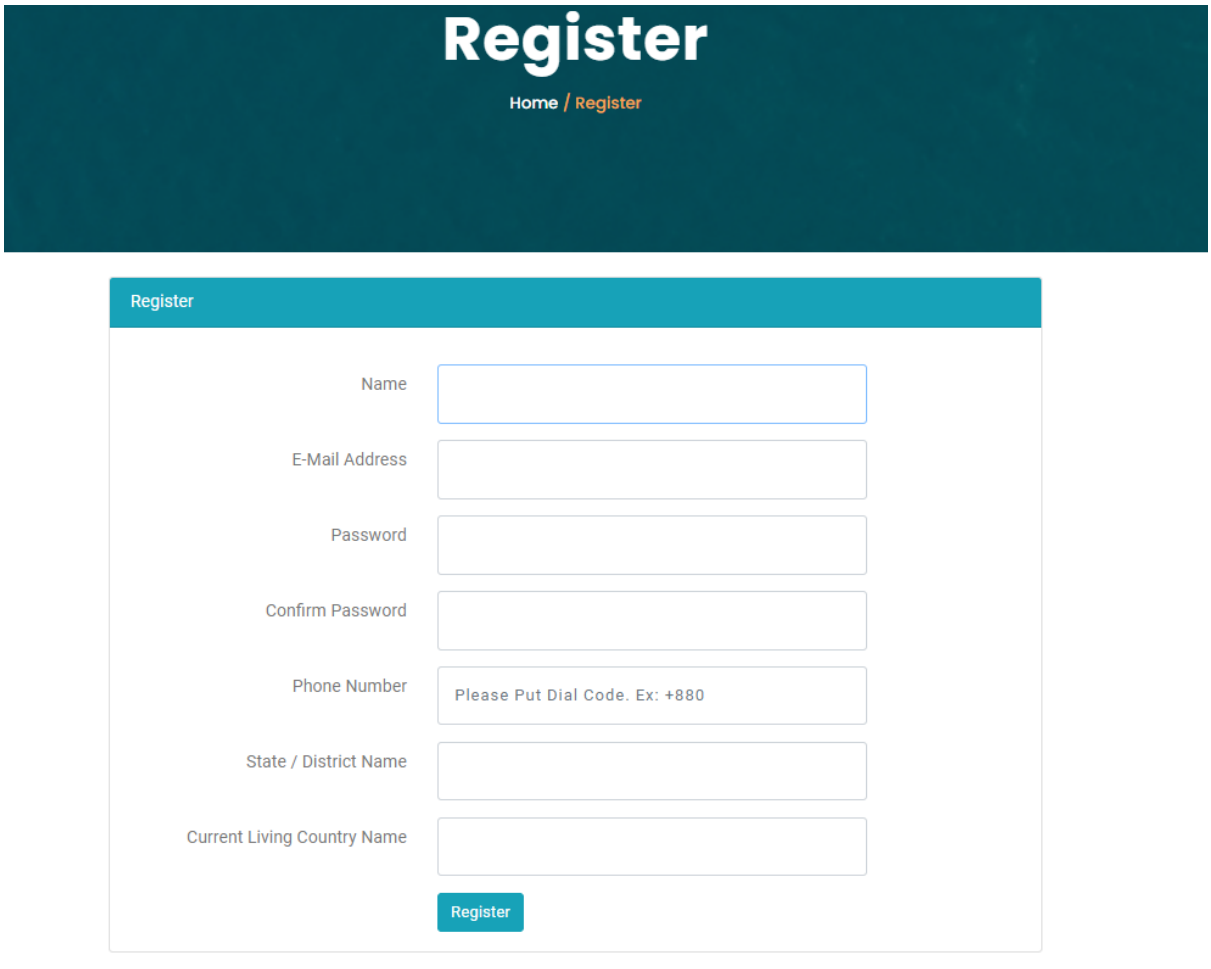

Figure 5 8 Sign Up

For the new users there will also be the register option and there they will find this form .

5.6.1 Output

Admin can see this Admin dashboard when logged in.

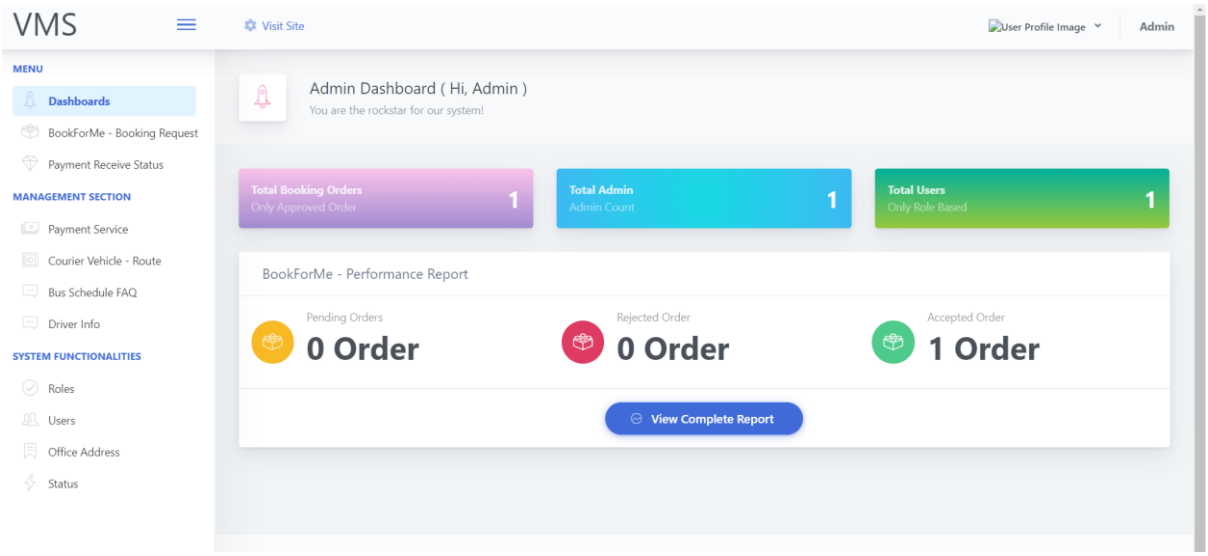

Figure 5 9 Admin Dashboard

Admin can see the entire billing list of the system from the Billing option.

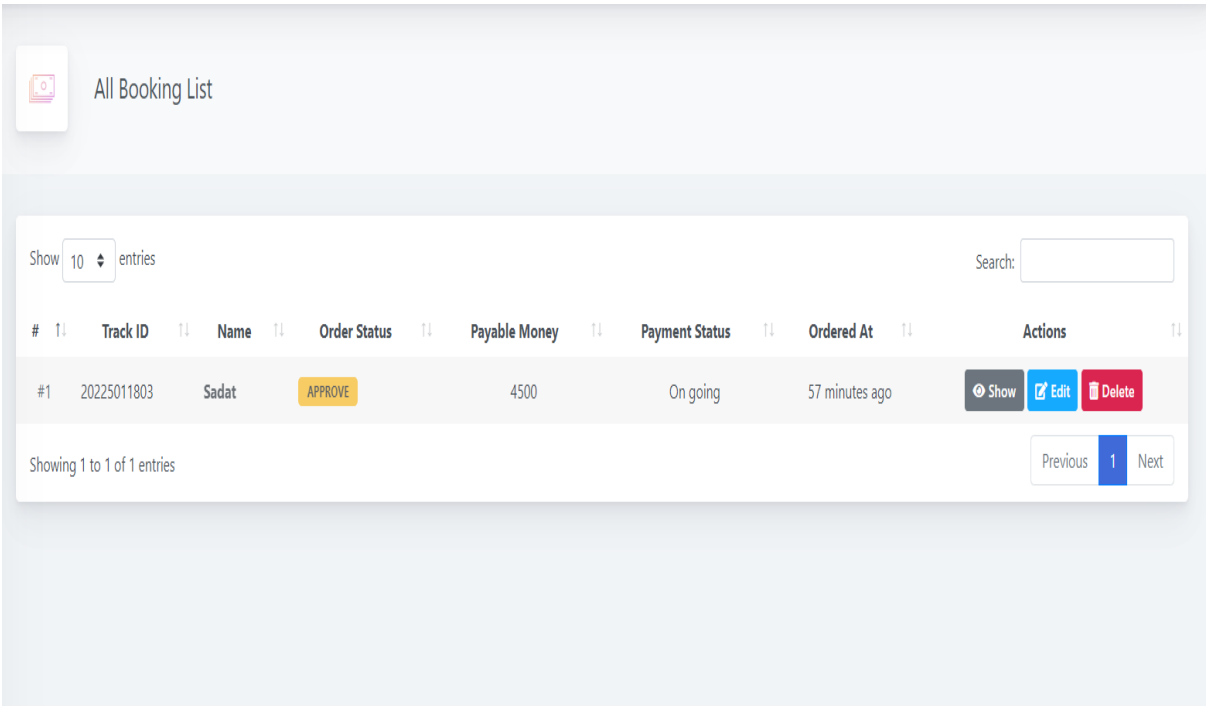

Figure 5 10 Billing List Page

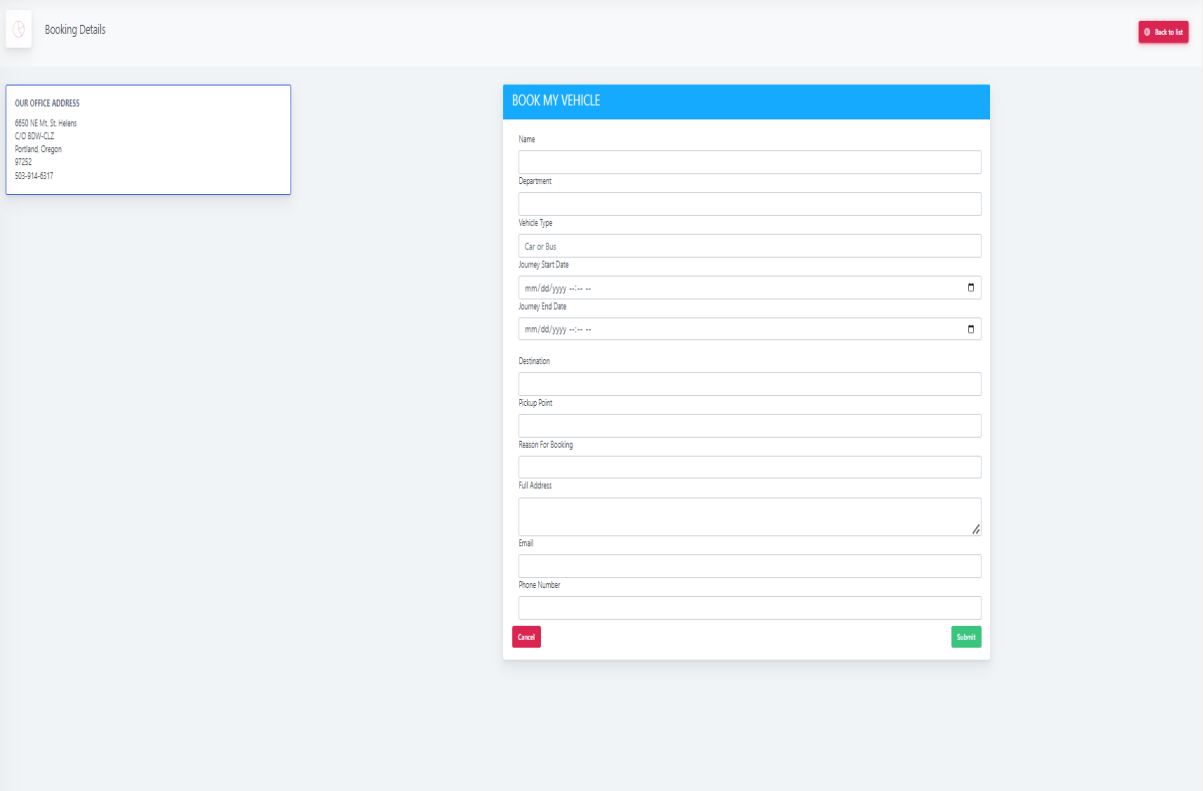

Figure 5 11 Booking Page

User will have a form to book for a ride to his/her desired destination

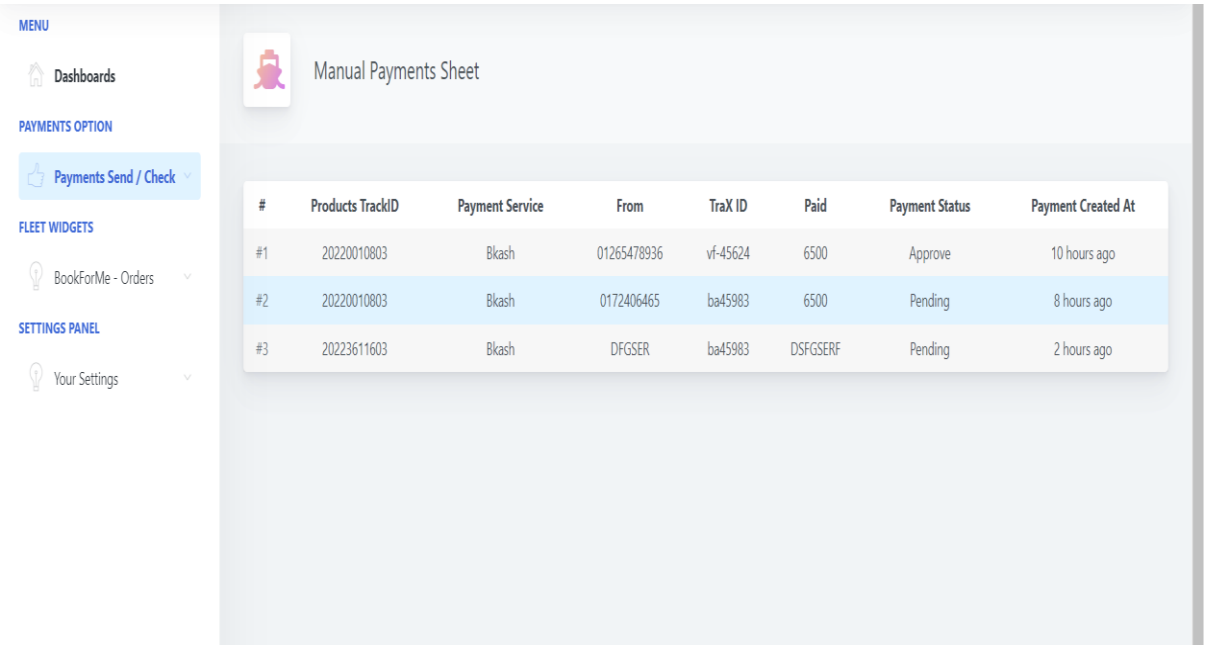

Figure 5 12 Billing History

By selecting Payment seed the user will see his/her trip history

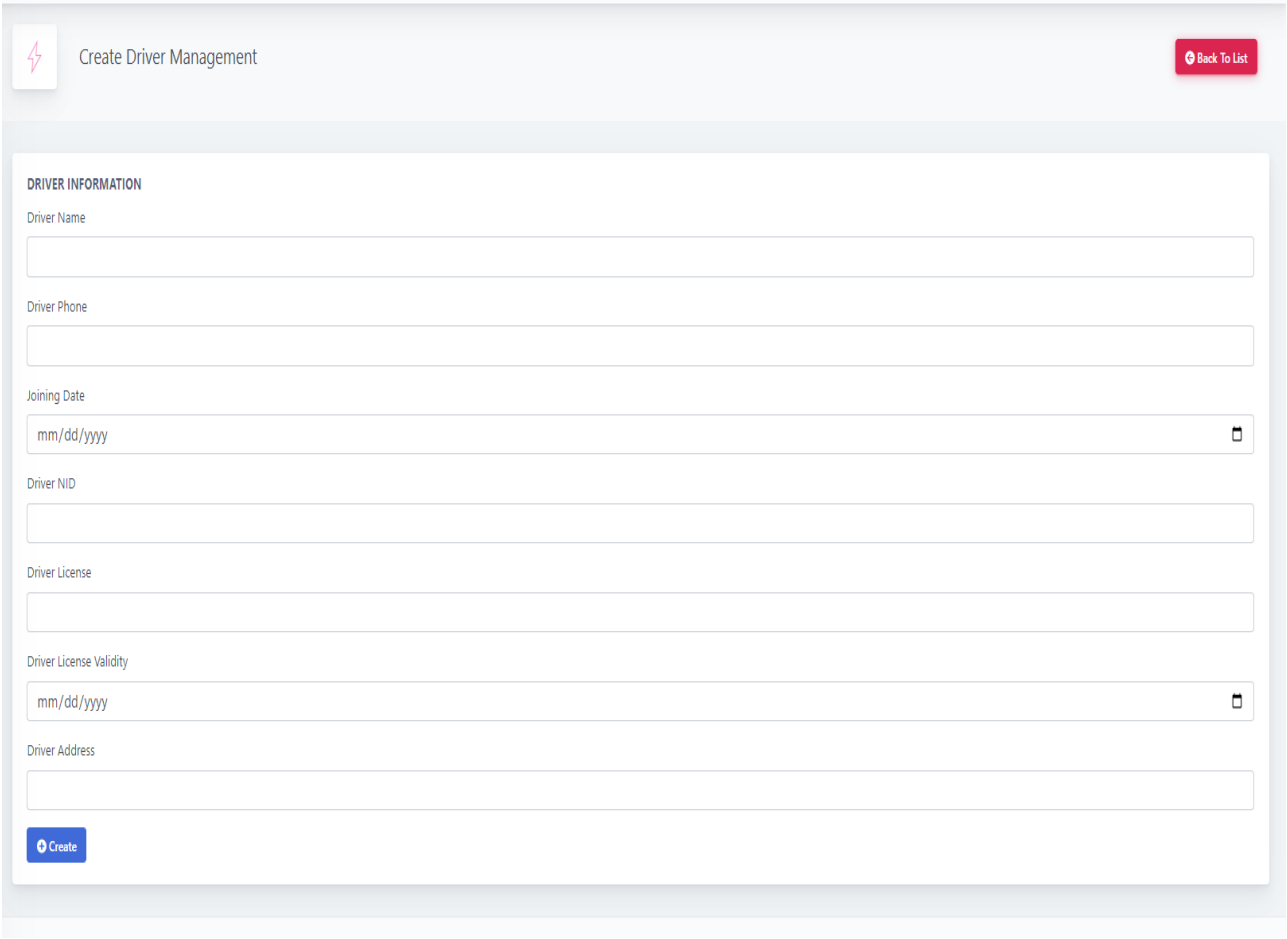

Figure 5 13 Add new Driver

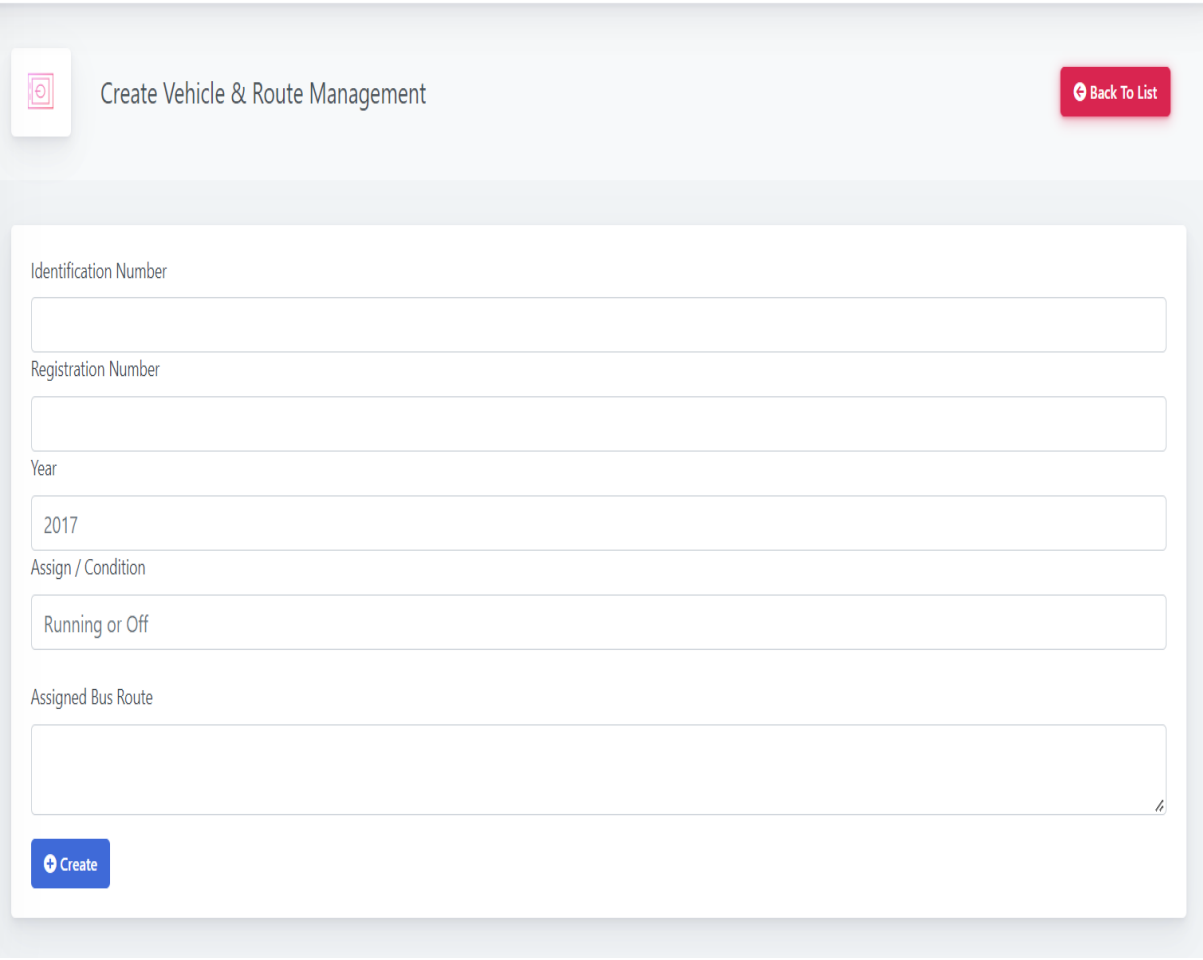

Figure 5 14 Add new Vehicle

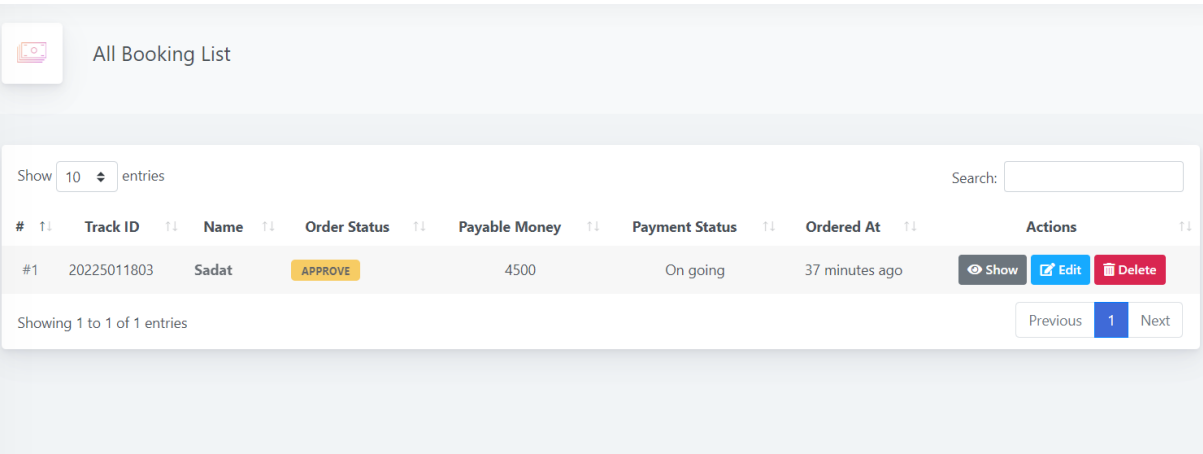

Figure 5 15 Booking List

5.7 Testing

Researchers performed unit testing as well as integration testing and comprehensive end-to-end system testing to guarantee that there were few or no issues in the delivered application.

Unit testing: This was done at the module level, when the software's core components were evaluated for functioning.

Integration testing: This was used to test the merged modules as a whole in order to find flaws in the interfaces between the integrated components.

System testing: The entire integrated system was put through its tests to ensure that all of its components function properly efficiently and effectively.

Chapter 6

Results & Analysis

The website for the Vehicle Management System (VMS) was created only to make it easier for consumers to schedule their desired trip utilizing the organization's own cars. The major purpose was to bring an offline system online, making it easier for users to book vehicles and view their regularly scheduled trips, as well as for the authority to handle booking requests and control of everything in one place.This chapter includes screenshots of the program so that the client may see how the portal appears.

Main Index : The Main Page every user will see after going to the website for a visit

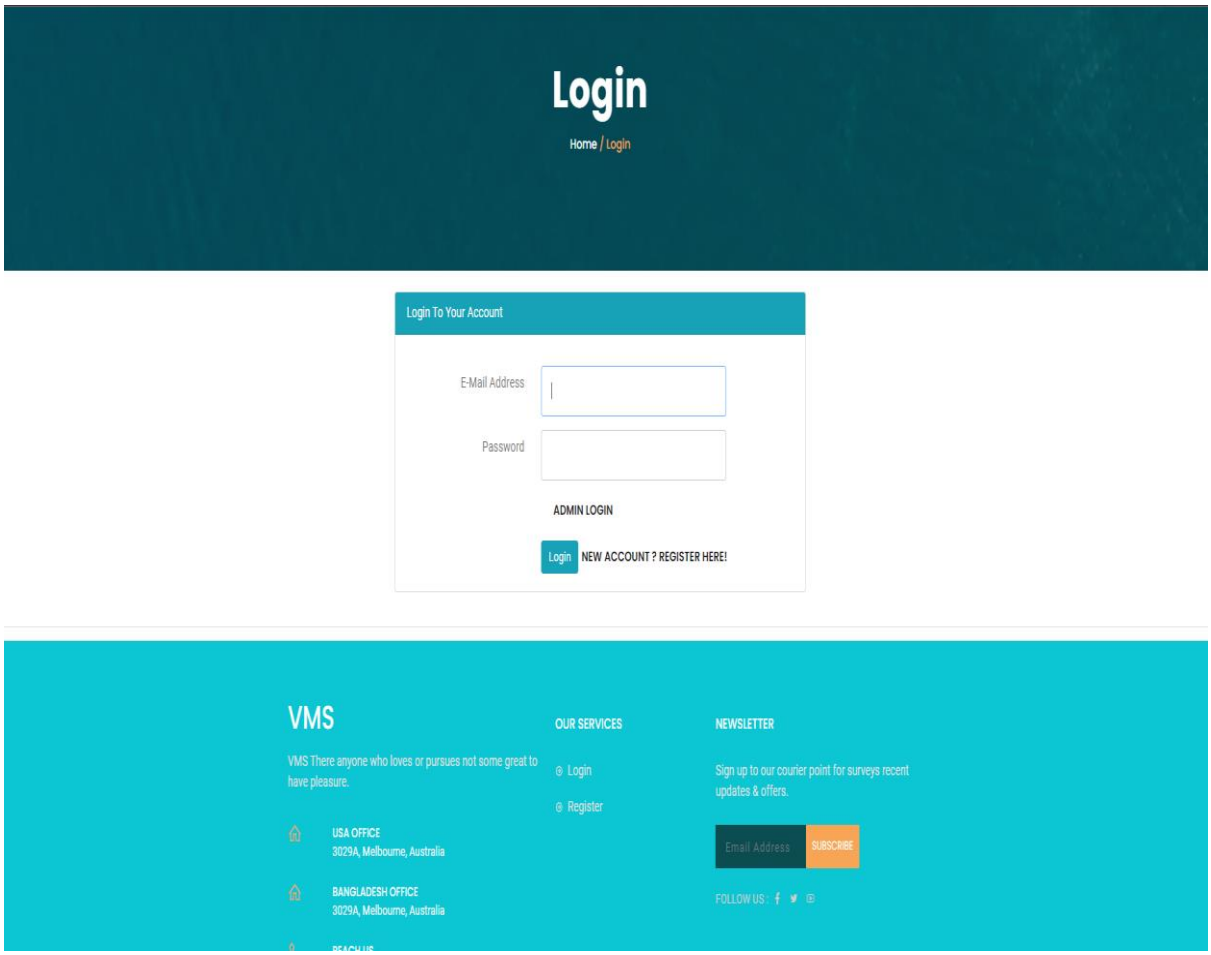

Figure 6 1 Main Index

Login : This is the login page from where users can log in to their account and use the dashboard .

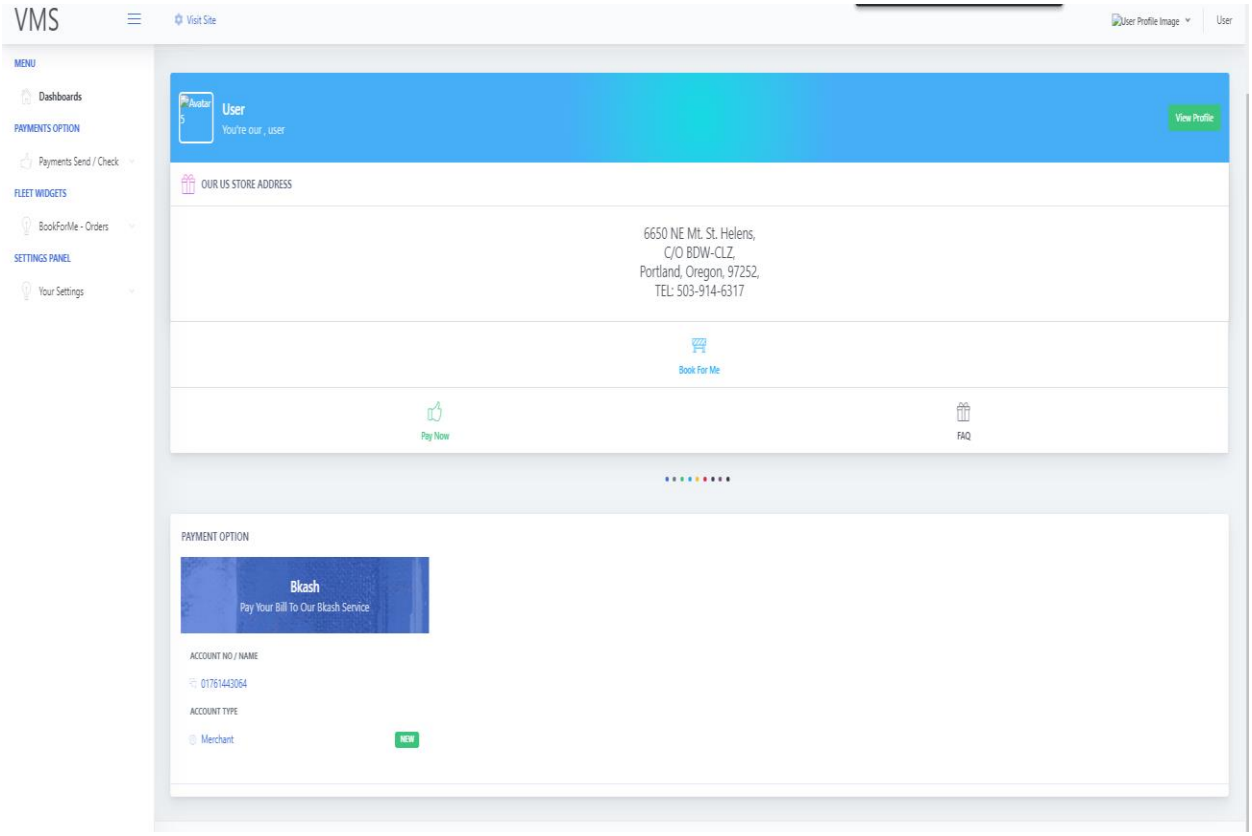

Figure 6 2 user index

Sign Up : This is the sign up page where visitors can sign up to become a user of this system to receive the services of the system.

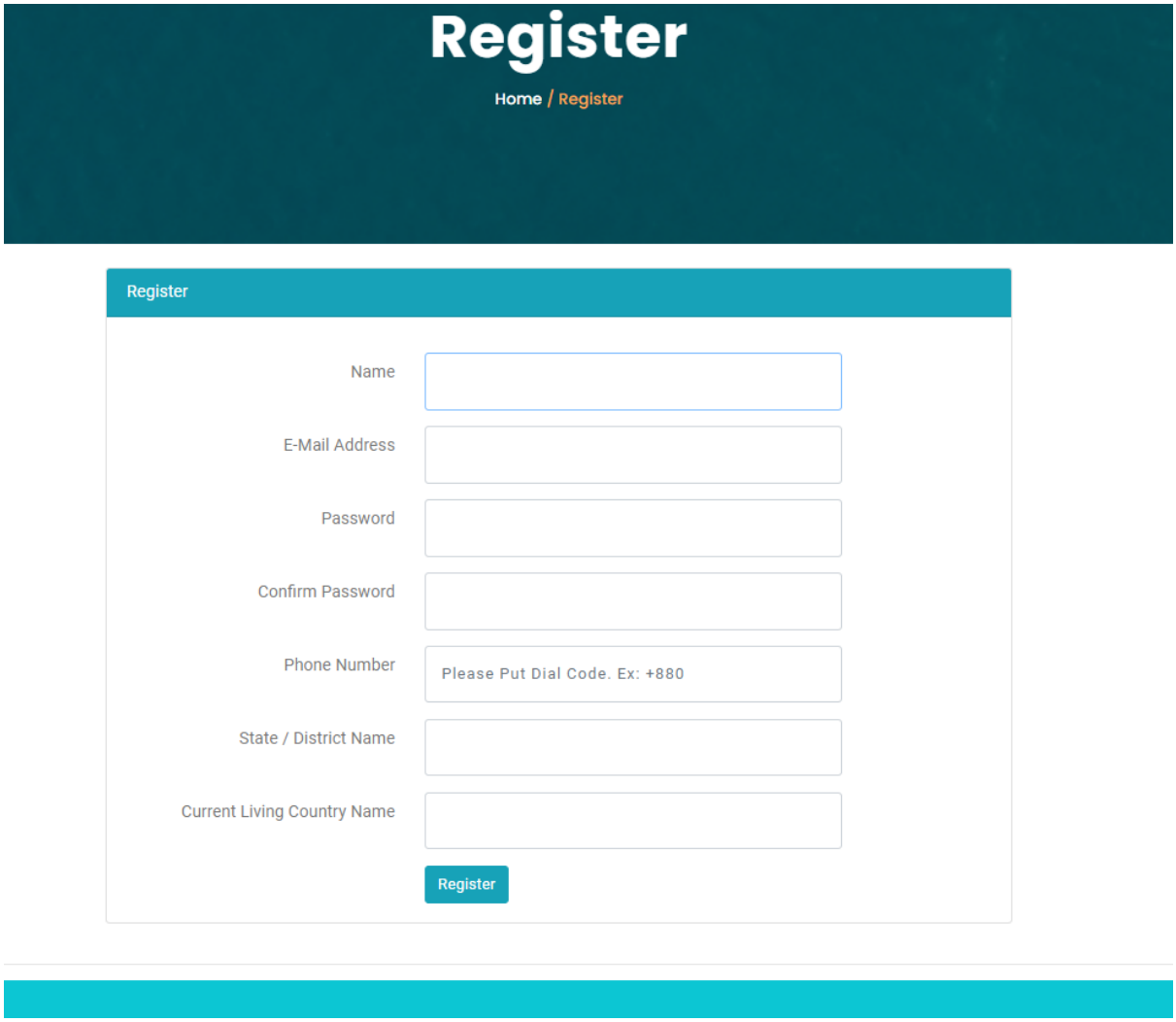

Figure 6 3 Sign Up

Payment status Management : From here admin can see payment history like track id,sender account no ,payment service type,amount etc

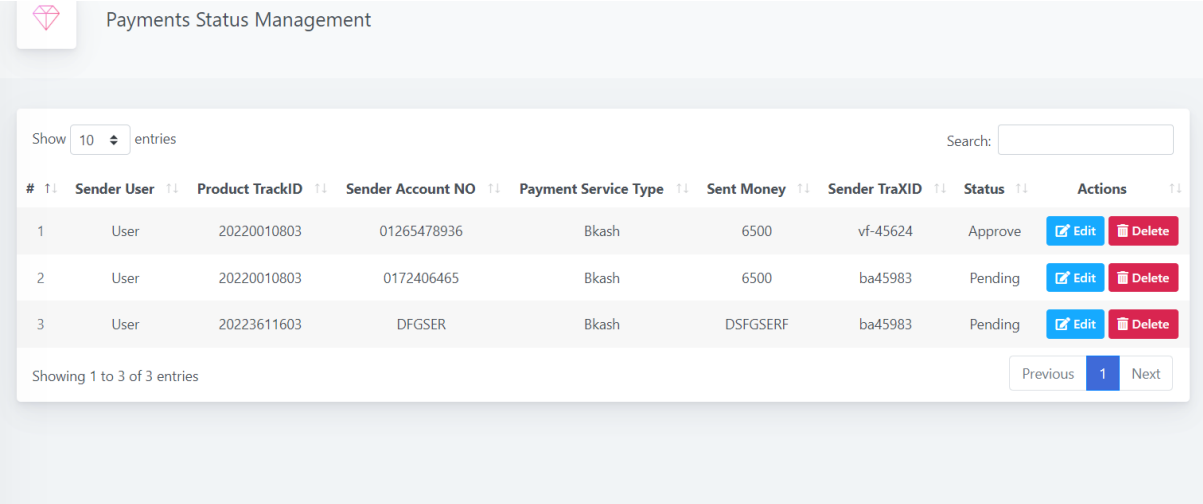

Figure 6 4 Payment status management

Bus Route : Here admin can see the regular tripe route

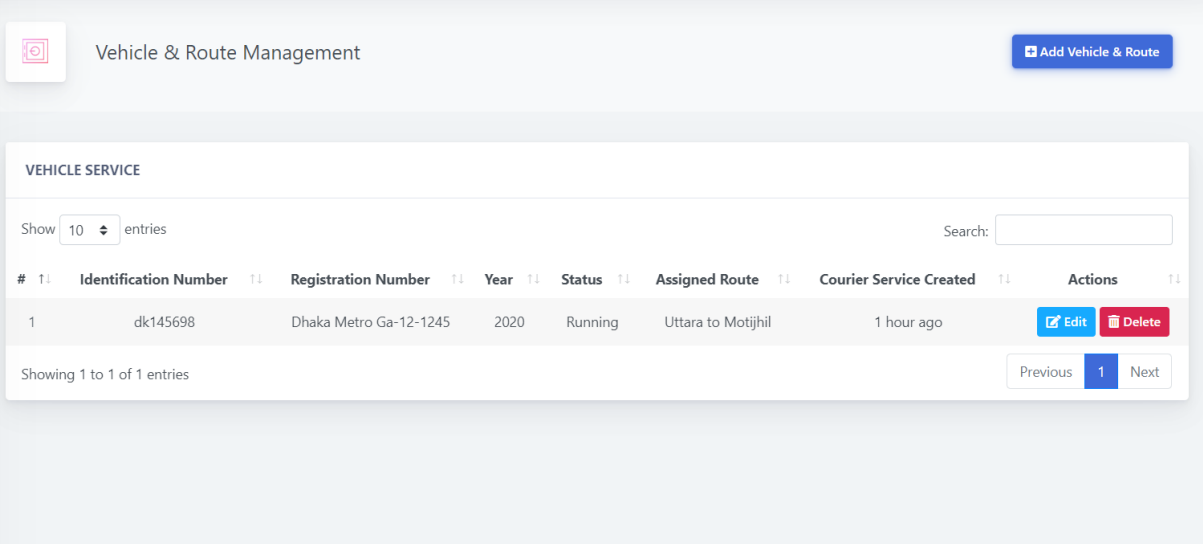

Figure 6 5 Bus route

Vehicle List : Vehicle list will be shown here

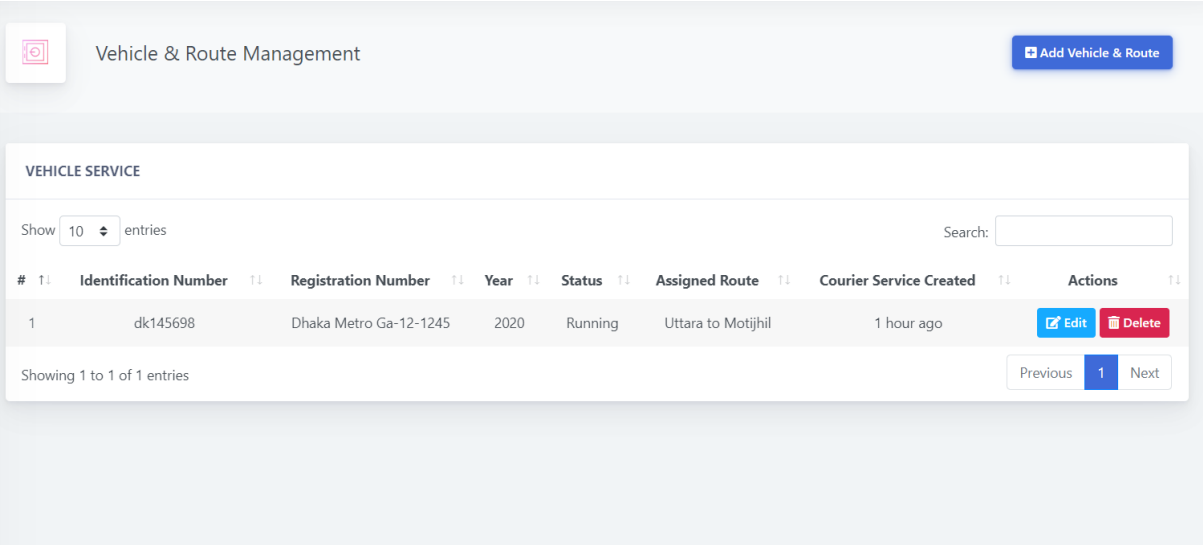

Figure 6 6 Vehicle List

Trip Schedule : It will show the regular trip schedule for the vehicles

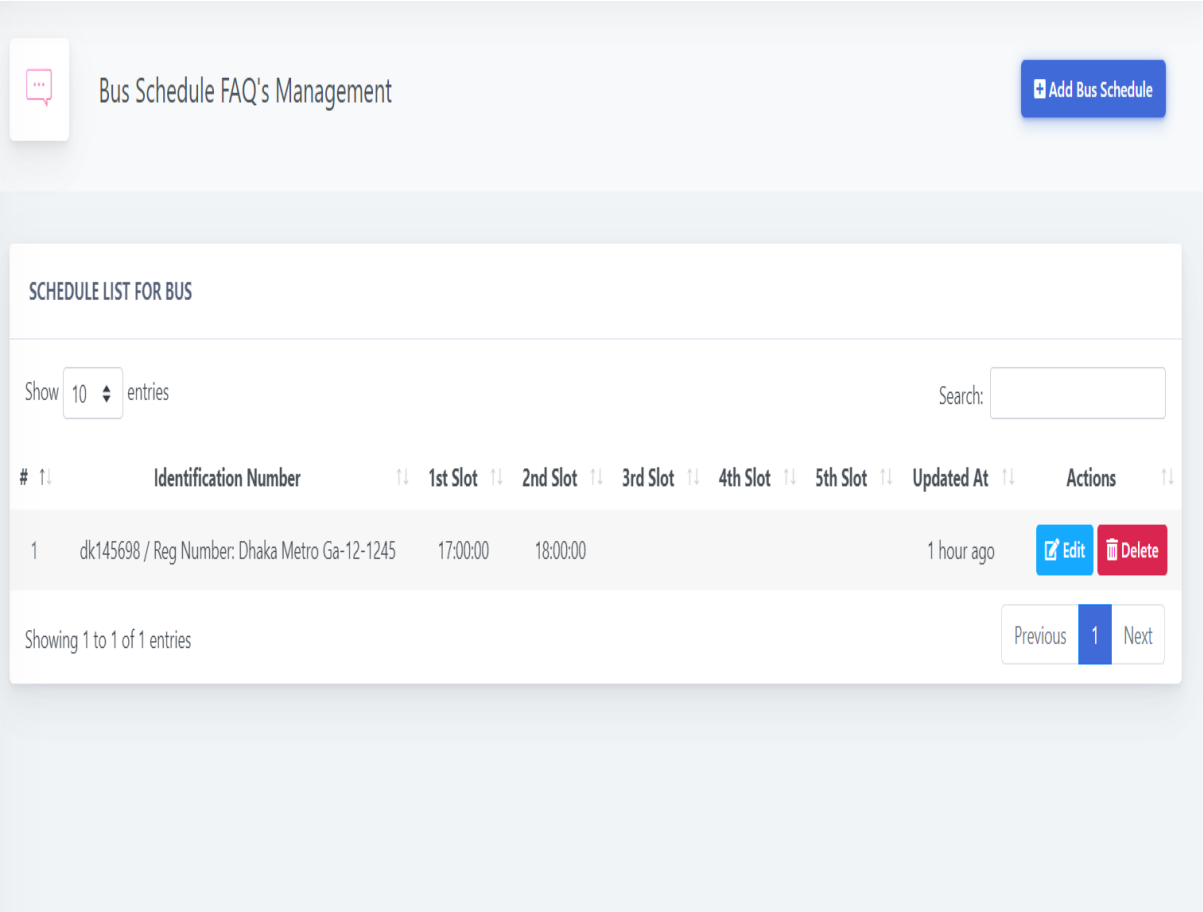

Figure 6 7 Permanent Trip Schedule

Chapter 7

Project as Engineering Problem Analysis

7.1 Sustainability of the Project/Work

The capacity to maintain a certain pace or level is known as sustainability. In software development, sustainability entails maintaining and upgrading software on a regular basis, as well as adding new features in response to market demand. The significance of software maintenance cannot be overstated.
Every software program contains bugs, and more will emerge in the future. That is something we are aware of.Vehicle Management System has a software development staff that works around the clock to keep their software up to date.
They have the ability to fix bugs. If the software development team is unable to resolve an issue, the Vehicle Management System will seek the assistance of an expert. Vehicle Management System has a number of software development partners that are available to assist them at any moment.
Furthermore, the Vehicle Management System is focused about upgrading its software on a regular basis.

7.2 Social and Environmental Effects and Analysis

Vehicle management system is an online platform for people having trouble to book vehicles due to lack of time to reach the office and book vehicles for their personal use. Whenever an employee wants to book a ride from the company they need not to go to the administration physically and request for a ride they can simply go to the system login and request for their desired trip . The request will be reviewed by the Admin and if everything is ok the user will get his requested vehicle as per his need.
This system makes the work for users and the administration a lot easier and also saves a lot of time for both ends. By adding more features this system can be used in many other purposes like live tracking the vehicle, renting a car to users outside the organizations etc.

7.3 Addressing Ethics and Ethical Issues

Sensitive data is constantly transferred on the internet through various networks, thus it must be ensured that the information is not compromised by any means. Because the system will hold user information that will be used for marketing and transactions indefinitely, we must ensure that the data is safe and that customers can trust the system without fear of their information being disclosed. For this system, the organization has included several security measures. Each and every employee Working on this project requires using the workplace laptop rather than their own laptop to ensure that the codes are not shared with anyone else. There are a lot of modules in the system, and various workers are assigned separate modules, so even if the person leaves the company, the system will continue to run. When a person grasps one module, he or she has no notion how the other module works. The firm keeps all relevant documentation and source codes confidential.The senior engineers will be in charge of all security-related tasks, and they will employ a sophisticated backend using Laravel and other tools. The database of the website will be accessible only by the administrator.

Chapter 8

Lesson Learned

8.1 Problems Faced During this Period

From the beginning of my internship I have faced various issues as I was new in the professional area.When i was first assigned to the project Vehicle management system I had to make a plan for the whole system about what I need to do and when . For that i had to use a gantt chart that was a completely new thing for me to make. Also I had an issue working with the group I was assigned in . All my group members were far more experienced than me. I had to work harder to be able to cope up with them .

Before this, I had never worked in a professional setting. I'd never been a person who worked from 9 a.m. to 6 p.m., so the new lifestyle was challenging for me. Because I am not used to this level of stress, I find it difficult to manage with large amounts of work at times.
There were a few things which were new to me as I was writing my internship report that I hadn't done before. When I began working on the report, I was having trouble with a few sections. The language I was dealing with was the biggest issue for me. I was never an adept in the PHP programming language. It was unfamiliar territory for me. I was having a lot of trouble comprehending it. That was something I had to learn on my own at first.

8.2 Solution of those Problems

Despite the fact that there were several issues, I knew I had to solve my situation. It was quite difficult for me to go to work every day from 9 a.m. to 6 p.m. I didn't have any energy for the first few weeks when I returned home from work. I eventually became accustomed to it and am now comfortable working in the scheduled time. I had to use Google and Youtube to look up a couple aspects of the report that I didn't understand. When I was having trouble with the codes, my supervisor Mr Johirul Islam Shipu was quite helpful. He initially gave me a comprehensive review and taught me about PHP. He also helped me to adjust with my team and work comfortably. I was initially terrified and unsure if I would be able to complete the task.But with Allah's favor, everything seemed to go smoothly during this journey. My internship at a reputable and well-known company was completed successfully. I eventually gained used to the job's flow and all of my tasks as the day went. During my internship, I learnt new skills and met a lot of new individuals. Professional practice and the abilities required for it were taught to me. The internship was also an excellent tool for me to assess my strengths and weaknesses. I now know how to work as part of a team in the software industry and how to interact with other team members while accomplishing project work under tight constraints.

Chapter 9

Future Work & Conclusion

9.1 Future Works

This software is always improving. The firm intends to improve this program by adding additional features. However, the firm will first conduct market research to better understand customer behavior. The firm will then proceed with the forthcoming big upgrade. However, the firm has the option of releasing information.With a few small changes Each time a new problem appears, the firm must repair it and update it. The firm has made all of the necessary preparations.

9.2 Conclusion

My participation in this project aims to create the project's frontend using various tools such as PHP, CSS, Javascript, and others, as well as to construct the backend to link the two. I've done all the required steps to complete my work on schedule. Disrupt Technologies has provided me with a great deal of experience and expertise over the last four months. Now I know how to create a website from the ground up. I've acquired experience working in a team, and I've watched myself progress tremendously over the last several months. I'm delighted that this experience was beneficial, and I've thoroughly loved my time with Disrupt Technologies. I would like to thank my company supervisor for always helping me out in times i needed help and his mentorship eased my way throughout the whole project. I have learnt plenty of things from him like leadership, supporting people in time and all. Overall it was a great experience to remember .

Bibliography

1. Vehicle Management System (IS-A-VMS)
   https://help.sap.com/docs/SAP_ERP_SPV/fb47ec0d718b4fbb8e4394ec27f008c3/60dcc353b677b44ce10000000a174cb4.html?version=6.05.16
2. Design and Implementation of Vehicle Management System
   https://iopscience.iop.org/article/10.1088/1757-899X/398/1/012014