PROJECT RESOURCE MANAGEMENT SYSTEM

Submitted for the partial fulfillment of the requirements

to the award of the degree in

MASTER OF SCIENCE IN COMPUTER SCIENCE

BY

PREETHI V

(DEPT NO: 20-PCS-012)

Under the Guidance of

Dr. S. J. Rexline M.Sc., M.Phil., Ph. D.

DEPARTMENT OF COMPUTER SCIENCE

LOYOLA COLLEGE (AUTONOMOUS)

CHENNAI – 600034

APRIL 2022

DECLARATION

I, **PREETHI V** (20-PCS-012) hereby declare that the project report entitled "**PROJECT RESOURCE MANAGEMENT SYSTEM**" is done by me under the guidance of **Dr. S.J. Rexline M.Sc., M.Phil.,Ph.D.** at Afablez Semiconductor Private Limited is being submitted in partial fulfillment of the requirements for the award of the degree in MASTER OF SCIENCE IN COMPUTER SCIENCE.

Date:

Place: CHENNAI   **Signature of the Student**

BONAFIDE CERTIFICATE

This is to certify that the project work entitled **"PROJECT RESOURCE MANAGEMENT SYSTEM"** is being submitted to Loyola College (Autonomous), Chennai-600034 by **PREETHI.V (20-PCS-012)** to the partial fulfilment for the award of degree Master of Science in Computer Science, is a Bonafide record of work carried out by him, under my guidance and supervision.

Dr.S.Bharathidason M.Sc.,M.Phil.,MBA.,Ph.D   Dr.S.J.Rexline M.Sc.,M.Phil.,Ph.D.

HEAD OF THE DEPARTMENT   **PROJECT GUIDE**

The Viva-Voce Examination held on_____at   Loyola   College (Autonomous), Chennai – 600034.

INTERNAL EXAMINER   **EXTERNAL EXAMINER**

ABSTRACT

Project Resource Management System is used to maintain the admin activities and status of an organization. It is used to check the status of a Work conducted by the Company and perform several operations based on the need of the Work. This website is for managing Accounts, Reports, Site, Vendor, and Trip Details etc.… this allows the Company to plan its costs more effectively by using this website, we can come to know about the expenses we spend and Profit that has been obtained by the vendor

This website will be used by user in quarry once if the load has been started then this website carries all information like start date, end date, entry time to quarry, exit time from quarry, information about the material, information about supplier, client, truck details then delivery challan number, image of Royalty slip. In other side the admin will use to view the details and to edit, upload if necessary. This Website is to maintain the Accounts, Trip details, create report, site details, vendor details, Expenses, and Invoice Details.

Front-end: HTML, CSS, j query, JavaScript,

Back-end: MYSQL

ACKNOWLEDGEMENT

First of all, I would like to thank the Almighty without whom this task would have not been achieved. I express my sincere and profound gratitude to **Rev Fr.Dr.A.THOMAS,SJ,** Principal and **Dr.MELCHIAS GABRIEL,** Deputy Principal for Providing me the opportunity to complete my post-graduation in this esteemed institution

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PREETHI V

(20-PCS-012)

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CHAPTER 1

INTRODUCTION

PROJECT RESOURCE MANAGEMENT, a must needed service, for our company to manage the database. This Project Resource Management is based on the trip that has been carried out by the company. We act as an intermediate between the site and vendor. we collect the information like dc number ,date on which the trip has been carried out, supplier name, loading point from where the rock has been taken , unloading point to the one whom we deliver ,material like what type of thing has been take for the trip, Truck id like the lorry number plate name, net weight in metric ton, royalty slip number and they upload the image of the slip provided by the government .

Trip details is the main module where the details of all trips that has been carried out with reference to the date. other module like site details, user details, vendor details and role master are the module where we have the details of the same.

There is another module called report where we add a filter like we choose the from and to date when the trip has been carried out because in a single day they carry many trip details so the database takes time to load all the details to show to overcome this problem we add filter so that we can see the details of trip that has been carried out on the particular days

1.2 ORGANIZATION PROFILE

Afablez Semiconductor Private Limited is an unlisted private company incorporated on 22 June 2018. It is classified as a private limited company and is in Chennai, Tamil Nadu. Its authorized share capital is INR 20.00 cr and the total paid-up capital is INR 12.95 cr.

Afablez has the in-house skills needed to design, develop, and verify ASIC/FPGA products for the demanding market. Our designers empathize the challenges involved yet realize and utilize the opportunities thus available to cater the customer with the best possible ASIC/FPGA design service that perfectly matches your project requirements, budget, and schedule. With modernized laboratories and sagacious RTL developers, we are able to develop flexible business outcomes for your firm. Each and every product thus developed is subjected to rigorous testing methodology to ensure the quality of the design. Our design capabilities include both digital, and mixed-signal chips -SoC, ASSP, ASIC, and Structured ASIC.

Afablez being a leading intrinsic company is able to create and implement a reuse design methodology to support a wide range of technology nodes including 0.13μm to 0.35μm, 16nm to 90nm. Greater to that our expert designer's canvas deeply, to aid you with system architecture definition, IP selection & Integration, Hardware & Software verification, Physical design & Verification, FPGA prototyping, Internal & Boundary Scan verifications.

Afablez Semiconductor Private Limited has two directors- Vanchinathan Thangavel and Sudharsan.

The Corporate Identification Number (CIN) of Afablez Semiconductor Private Limited is U32309TN2018PTC123346. The registered office of Afablez Semiconductor Private Limited is at Level 1&3, Olympia Teknos Park No.28, SIDCO Industrial Estate, Guindy, Chennai, Tamil Nadu.

Connected Companies with Afablez Semiconductor Private Limited

Fldec Systems Private Limited

Vidveda Private Limited

Vidvedaa Ornaterior Private Limited

CHAPTER 2

SYSTEM ANALYSIS

2.1 PROBLEM DEFINITION

The Project Resource Management will address the performance of the Work as regard to what is monitored on the Site. On the present situation, the performance of the Company was poorly evaluated and monitored before, during and after every period of the Trip that has been carried out.

My Project is all about a website creating for the company to manage the Accounts, Expense, Report details, Site details, Vendor Details etc. The main idea is to Have all details about the Particular Trip handle during Load which has been carried out during Working Process. Currently we are concentrating in Creating a Trip Details which includes Material, Supplier, Client, Truck Details, one of the main ideas is to keep the details in database so that the details will be clear, and it is easy to retrieve the data. When in come to huge data it is hard to maintain in folders, so we plan to maintain the details in form of data in database to store, retrieve, add,and edit the information.

2.2 EXISTING SYSTEM

Currently in project resource management we add the details, and the report can be seen in both frontend and backend. In frontend the admin can login and by verifying the credential the system will allow the admin to view and get the data as well as in both frontend and backend

Generally before creating this website we use to maintain our information in excel form but due to large number of data to be stored we switch to database also our project is been upgraded to next level so we thought of switching our project from manual to automate system.

DISADVANTAGES OF EXISTING SYSTEM:

1. Each detail that has been given in the text box is not validated if the user does not enter any value or if the enter any wrong value it doesn't show any error it takes the value as it is. so, we are trying to improve in validation part

2. Data that are given may be inappropriate but it get the value it wont show any error so each time admin will see the data and rectify it each time we need to overcome this problem by using validation

2.3 PROPOSED SYSTEM

This is a real-time project where we use to store the details of the trip that has been carried out each day in quarry. we propose this model for storing the details of trip. The main purpose is our company need to store the details of all the trip and details about the user, site, vendor, role, trip and need to maintain a report to submit it to the particular vendor to sale it

The ultimate goal of our project is to create a website to maintain the details and information in database also to display the same in frontend for this we use binding function in asp.net by using this function we fetch data from database and display it in the screen

ADVANTAGES OF PROPOSED SYSTEM:

The advantages of this paper are summarized as follows:

1. The paper provides an example of integration of semantic analysis and real-time nature of Twitter, and presents potential uses for Twitter data.

2. For earthquake prediction and early warning, many studies have been made in the seismology field. This paper presents an innovative social approach that has not been reported before in the literature.

2.4 SYSTEM REQUIREMENT

2.4.1 HARDWARE CONFIGURATIONS

System type	:	64-bit operating system, x64-based processor
Processor Speed	:	1.1 GHz
RAM	:	256 MB (min)
Hard Disk Capacity	:	20 GB
Windows Edition	:	Windows 11 Home
Key board	:	Windows Keyboard

2.4.2 SOFTWARE CONFIGURATIONS

Operating system	:	Windows XP
Programming Language	:	HTML, CSS, JS
Back-End	:	MySQL
Web Browser	:	google Chrome, Edge

CHAPTER 3

SYSTEM DESIGN

System design is the process of defining the architecture, modules, interfaces, and data for a system to satisfy specified requirements.

3.1 ARCHITECTURAL DESIGN

Architectural design is the high-level structure. It is an early stage of the system design process. It represents the link between specification and design processes and is carried out in parallel with some specification activities.

Data Flow Diagram (DFD)

A Data Flow Diagram (DFD) is a graphical representation of the "flow" of data through an information system, modelling its process aspects. A DFD is often used as a preliminary step to create an overview of the system, which can later be elaborated. DFDs can also be used for the visualization of data processing (structured design).

Function

Input / Output

Flow
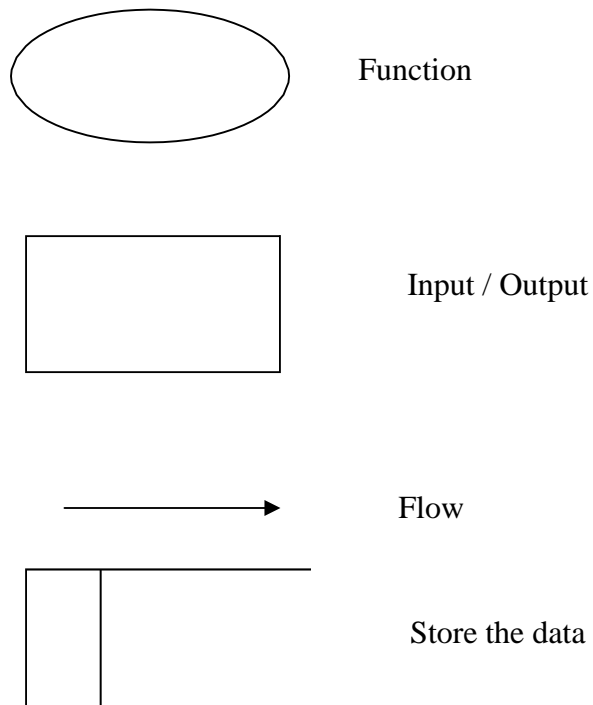
Store the data

A DFD shows what kinds of data will be input to and output from the system, where the data will come from and go to, and where the data will be stored. It does not show information about the timing of processes, or information about whether processes will operate in sequence or in parallel.

LEVEL 0:

```
┌─────────────┐          ╭──────────╮          ┌─────────────┐
│             │          │  TRIP    │          │             │
│   Input     │ ───────▶ │ DETAILS, │ ───────▶ │   Output    │
│             │          │ REPORTS  │          │             │
└─────────────┘          ╰──────────╯          └─────────────┘
```

LEVEL 1:

```
                        ╭──────────────╮
                        │ CREATE TRIP  │
                        │   DETAILS    │
                        ╰──────────────╯

┌─────────────┐         ╭──────────────╮         ┌─────────────┐
│    PRM       │         │ MANAGE TRIP  │         │             │
│ MANAGEMENT   │ ──────▶ │   DETAILS    │ ──────▶ │   Output    │
│              │         ╰──────────────╯         │             │
└─────────────┘                                   └─────────────┘

                        ╭──────────────╮
                        │   MANAGE     │
                        │   INVOICE    │
                        │ AND PROCESS  │
                        │ (PROFIT/LOSS)│
                        ╰──────────────╯
```
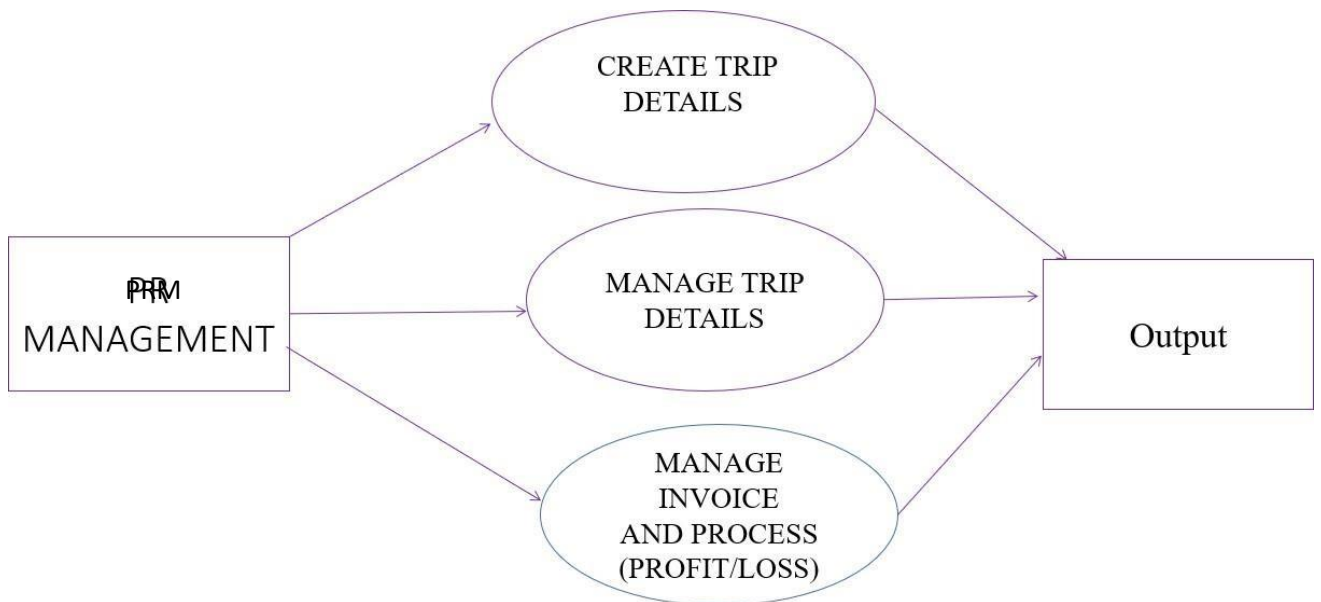
LEVEL 2:
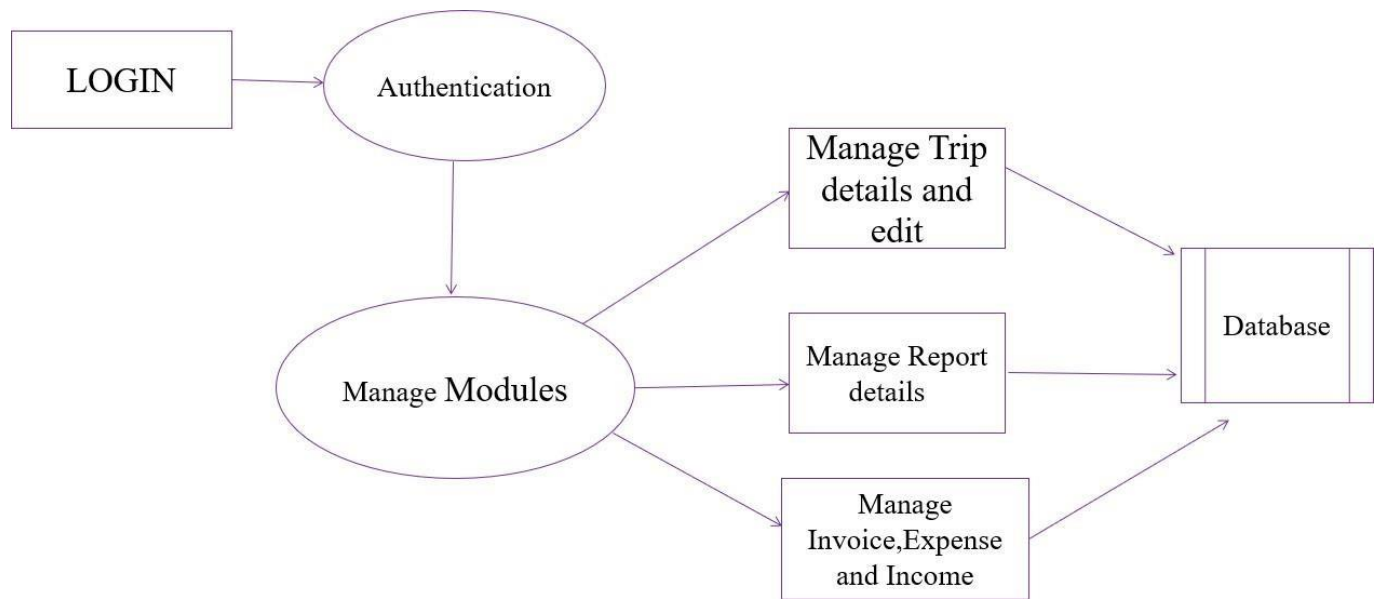
Fig: 3.1.1 Dataflow diagram

Flow Chart: Admin
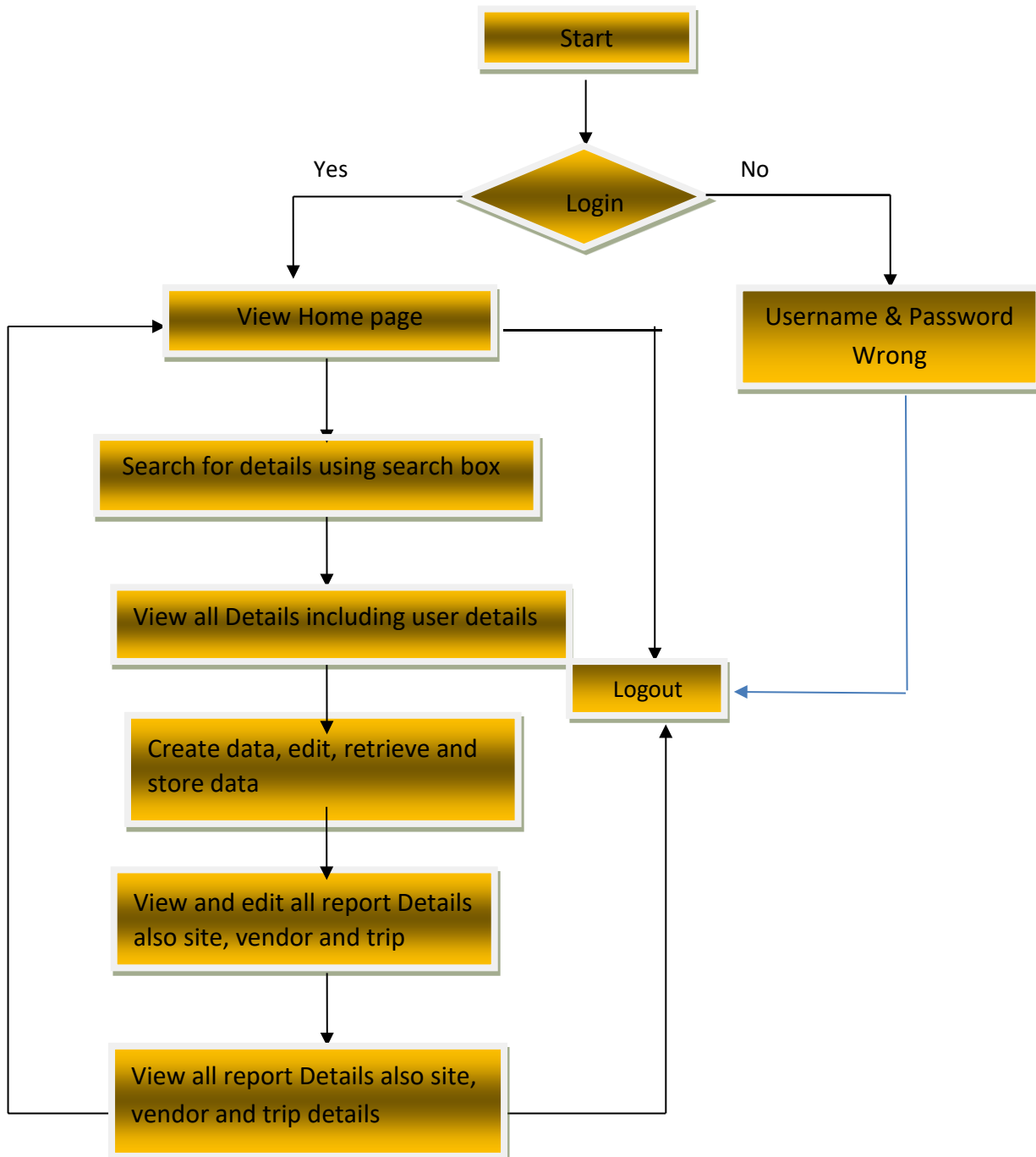
Fig: 3.1.2 Flow Chart

USE CASE DIAGRAM:
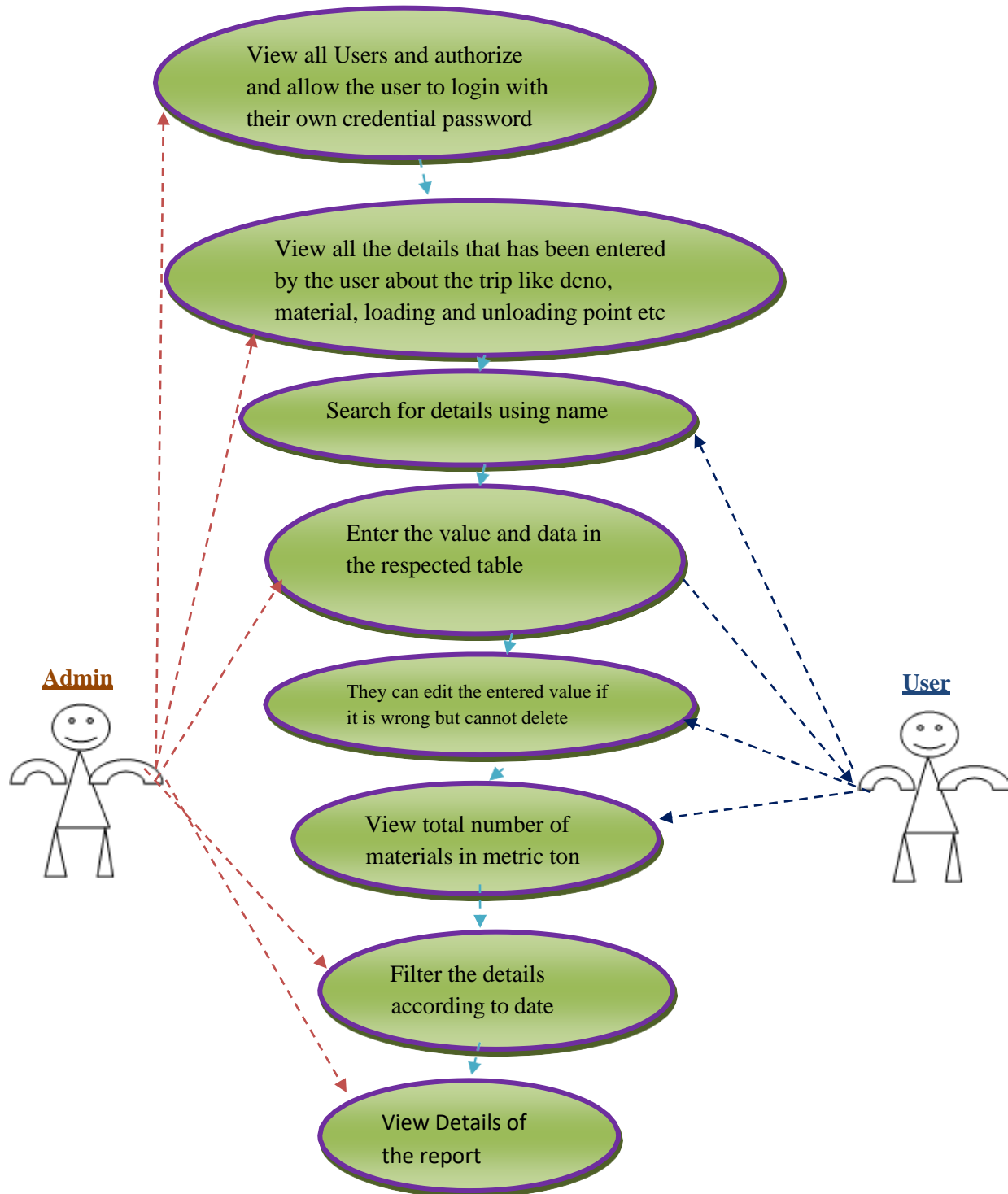
Fig: 3.1.3 Use case diagram

3.2 DATABASE DESIGN

ENTITY RELATIONSHIP DIAGRAM (ERD)

An entity-relationship diagram (ERD) is a data modelling technique that graphically illustrates an information system's entities and the relationships between those entities. An ERD is a conceptual and representational model of data used to represent the entity framework infrastructure.
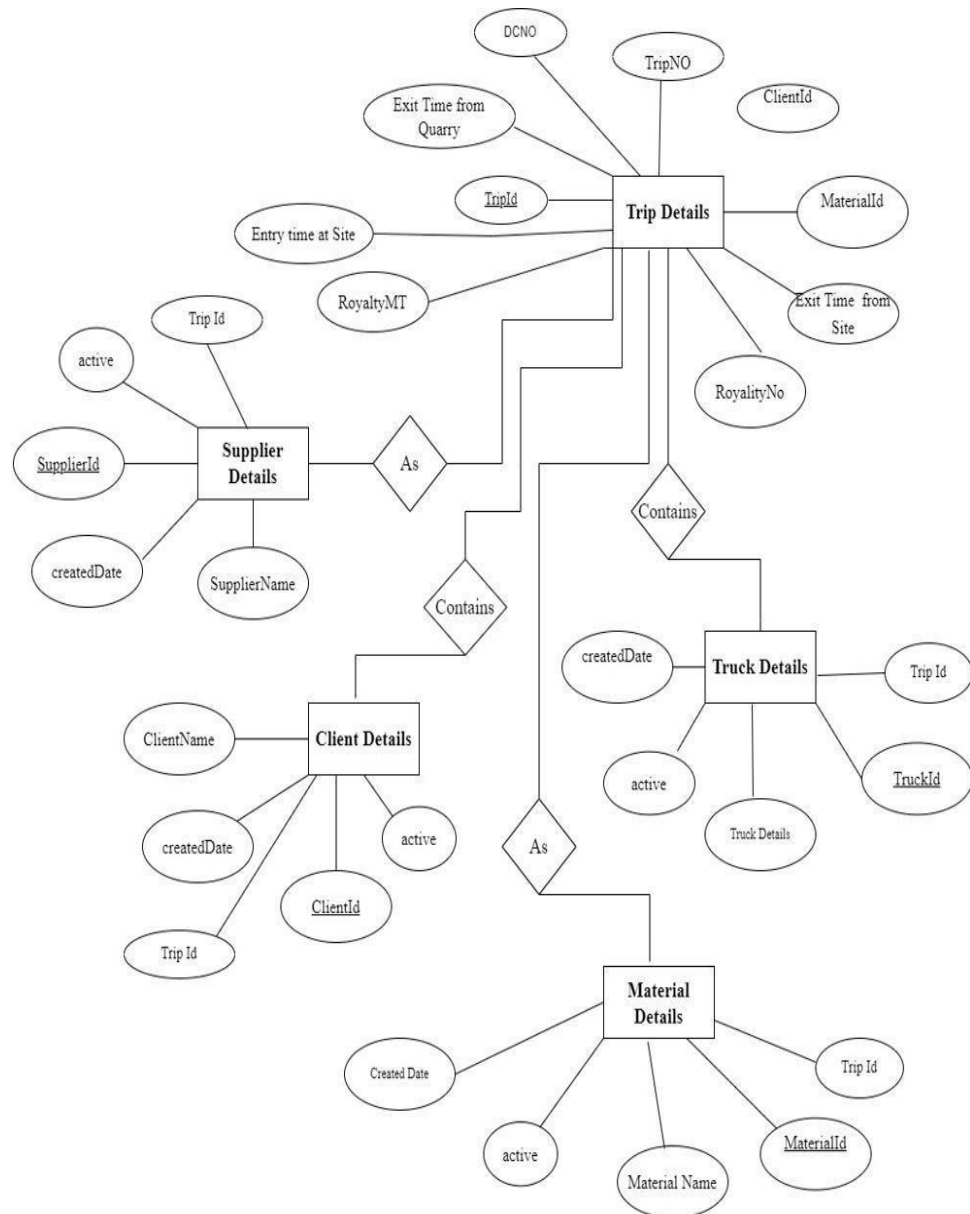
DATABASE TABLES

Trip details Table:

Attribute-name	Type	Key
TripId	int	PRIMARY KEY
TripNo	Varchar(200)	--
DcNo	int	--
RoyaltyNo	Varchar(200)	--
Materialid	int	--
Supplierid	int	--
Clientid	int	--
ExittimefromQuarry	datetime	--
EntrytimeatSite	datetime	--
ExittimefromSite	datetime	--
ReturntimeatQuarry	datetime	--
NetWeightMT	Decimal(18,2)	--
RoyaltyMT	Decimal(18,2)	--
CreatedDate	datetime	--
Truckid	int	--
MSupplier	int	--

Supplier Table:

Attribute-name	Type	Key
SupplierId	Int	PRIMARY KEY
SupplierName	Varchar(200)	--
CreatedDate	datetime	--
Active	bit	--

Truck Table:

Attribute-name	Type	Key
Id	Int	PRIMARY KEY
TruckId	Varchar(200)	--
TruckNo	Varchar(200)	--
CreatedDate	datetime	--
Active	bit	--

Client Table:
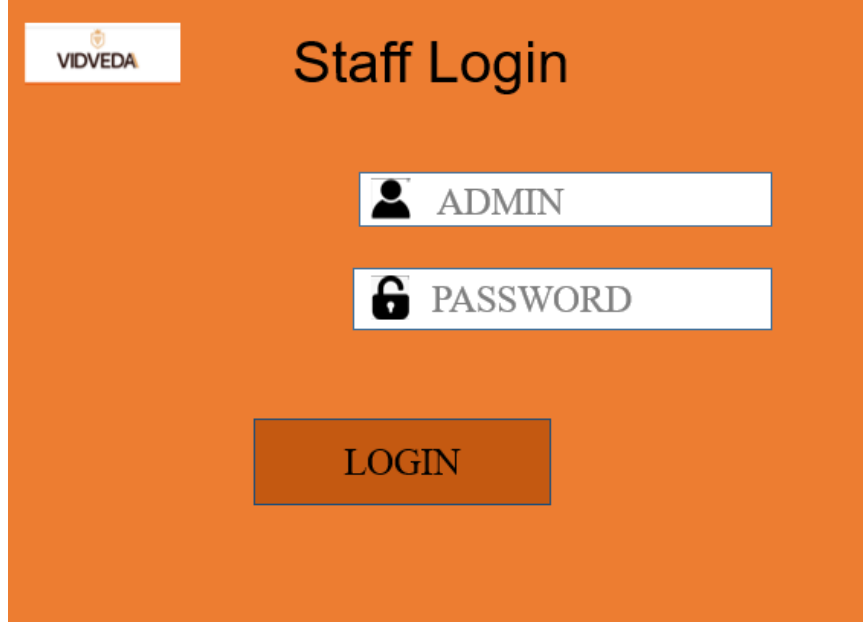
Attribute-name	Type	Key
ClientId	Int	PRIMARY KEY
ClientName	Varchar(200)	--
CreatedDate	datetime	--
Active	bit	--

Material Table:

Attribute-name	Type	Key
MaterialId	Int	PRIMARY KEY
MaterialName	Varchar(200)	--
CreatedDate	datetime	--
Active	bit	--
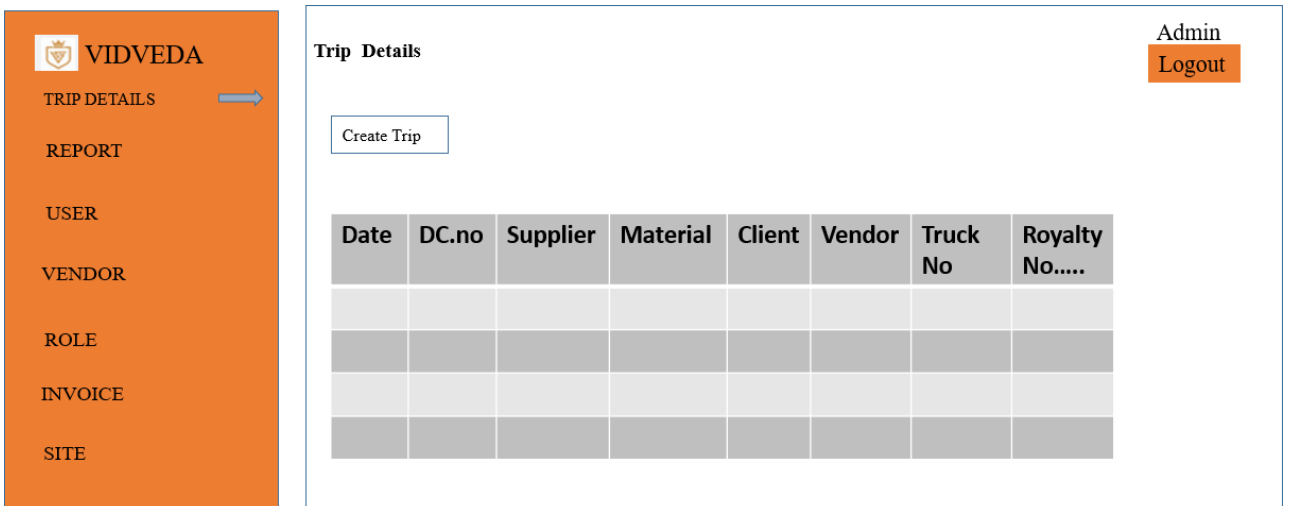
3.3 GRAPHICAL USER INTERFACE (GUI) DESIGN

Login Page:

TRIP DETAILS PAGE:

Date	DC.no	Supplier	Material	Client	Vendor	Truck No	Royalty No.....

REPORT DETAILS PAGE:

VIDVEDA

TRIP DETAILS

REPORT →

USER

VENDOR

ROLE

INVOICE

SITE

Report Details

Admin
Logout

From	To	
MM/DD/YYYY	MM/DD/YYYY	SHOW

Date	DC.no	Supplier	Material	Client	Vendor	Truck No	Royalty No.....

USER DETAILS PAGE:

VIDVEDA

TRIP DETAILS

REPORT

USER →

VENDOR

ROLE

INVOICE

SITE

User Details

Admin
Logout

Create User

Date	userId	UserName	Password	Designation	Mobile	Truck No	..

VENDOR DETAILS PAGE:

VIDVEDA

TRIP DETAILS

REPORT

USER

VENDOR →

ROLE

INVOICE

SITE

User Details

Create Vendor

Date	VendorID	Vendor Name	JobNature	Company Name	Vendor No	Created Date	..

ROLE DETAILS PAGE:

VIDVEDA

TRIP DETAILS

REPORT

USER

VENDOR

ROLE →

INVOICE

SITE

User Details

Admin
Logout

Create Vendor

Date	RoleID	RoleName	created Date	..

SITE DETAILS PAGE:

INVOICE DETAIL PAGE:

CHAPTER 4

PROJECT DESCRIPTION

Beyond Admin Login User Can Also Login and enter the data they can also edit the same. In this project resource management system, we use many modules that are as follows:

1. Trip Details Module
2. User Module
3. Role Master Module
4. Site Module
5. Report Module
6. Vendor Module

MODULES DESCRIPTION

Trip Details Module

In this module, we develop our system by Entering the details about DC no, loading point, unloading point, truck id, material id, royalty slip, net weight, supplier name, etc. It is necessary to collect the details of each trip that has been carried out during the trip.

Each trip's detail will be stored in this module. It is easy to retrieve the details using the Date filter by entering the date in the given field the trip carried out on that specified date will be displayed

User Module

In this module, the information of the user will be stored. when the admin gets login first it sees the credential and allows the user to access the specified information. this stores the Userid, Username, Password, Designation, Email, Phone number, etc.

Role Module

This module is specially made only for admin purposes, in the previous website we add only the drop-down list box to select the role to overcome the problem we gave access to the admin to enter the role name

Vendor Module

This module consists of details about the vendor id, vendor name, Job nature, Company name, vendor number, created date, etc. the main purpose of this module is to save the details about the vendor to whom we deliver our Products

Site Module

This module consists of details about the Site Code, Site Name, and Short name the for sis are the data that has been stored in this module. the main purpose of this module is to save the details about the site from which we get the products.

Report Module

In this module, the admin can view the details of all trips that have been carried out also using the date filter we can get the details of a trip that has been carried out between the given date.

This module shows the number of trips that have been carried out on the given date and total royalty in metric ton value than total unloaded metric ton, reconciliation Quantity in metric ton.

CHAPTER 5

SYSTEM DEVELOPMENT

5.1 ABOUT THE FRONT END:

5.1.1 HTML

HTML stands for Hypertext Mark-up Language, and it is the most widely used language to write Web Pages. Hypertext refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a webpage is called Hypertext. As its name suggests, HTML is a Mark-up Language which means you use HTML to simply "a markup text document with tags that tell a Web browser how to structure it to display. Originally, HTML was developed with the intent of defining the structure of documents like headings, paragraphs, lists, and so forth to facilitate the sharing of scientific information between researchers.

5.1.2 CSS

While (X) HTML is used to describe the content in a web page, it is Cascading Style Sheets (CSS) that describe how you want that content to look. In the web design biz, the way the page looks is known as its presentation. CSS is now the official and standard mechanism for formatting text and page layouts. CSS also provides methods for controlling how documents will be presented in media other than the traditional browser on a screen, such as in print and on handheld devices. It also has rules for specifying the non-visual presentation of documents, such as how they will sound when read by a screen reader.

5.1.3 JAVA SCRIPT

It is **mostly used by all websites for validation**. In addition to validations, it supports external applications like PDF documents, running widgets, supporting flash applications, et,. It can also load content into a document whenever the user requires it without even reloading the entire page.

There are various tools and programming languages available for the creation of web browsers. JavaScript is distinctive from any of them due to the presence of three features that are uniquely combined. The incorporation of these three features together is made available only in JavaScript and this makes it a unique programming language, especially for interface design.

- It provides complete integration with HTML. HTML is a standard tool for the development of web pages. Assimilation of JavaScript brings in powerful libraries and tools to handle most of the required tasks.

- Along with being integrated with HTML, it also is supported by all browsers which makes it the ultimate choice.

5.1.4 KNOCKOUT

KnockoutJS is a library written in JavaScript, based on the MVVM pattern that helps developers in building rich and responsive websites. KnockoutJS library provides an easy and clean way to handle complex data-driven interfaces. It is independent of any other framework. This tutorial covers most of the topics required for a basic understanding of KnockoutJS and explains its various functionalities. Knockout is a JavaScript library that helps you to **create rich, responsive display and editor user interfaces with a clean underlying data model**.

5.1.5 JQUERY

Jquery is a fast and concise JavaScript library created by John Resig in 2006. Jquery simplifies HTML document traversing, event handling, animating, and Ajax interactions for Rapid Web Development. Jquery is a JavaScript toolkit designed to simplify various tasks by writing less code.

5.1.6 Core features

- **DOM manipulation** − the jQuery made it easy to select DOM elements, negotiate them and modify their content by using a cross-browser open-source selector engine called **Sizzle**.

- **Event handling** − The jQuery offers an elegant way to capture a wide variety of events, such as a user clicking on a link, without the need to clutter the HTML code itself with event handlers.

- **AJAX Support** − The jQuery helps you a lot to develop a responsive and feature-rich site using AJAX technology.

- **Animations** − The jQuery comes with plenty of built-in animation effects which you can use on your websites.

- **Lightweight** − The jQuery is a very lightweight library - about 19KB in size (Minified and zipped).

- **Cross Browser Support** − The jQuery has cross-browser support and works well in IE 6.0+, FF 2.0+, Safari 3.0+, Chrome, and Opera 9.0+

- **Latest Technology** − The jQuery supports CSS3 selectors and basic XPath syntax.

5.1.7 ABOUT THE BACK END:

MY SQL:

MySQL is (as of March 2014) the world's second most widely used open-source relational database management system (RDBMS). It is named after co-founder Michael Wideness's daughter, my. The SQL phrase stands for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements. MySQL was owned and sponsored by a single for-profit firm, the Swedish company MySQL AB, now owned by Oracle Corporation. MySQL is a popular choice of database for use in web applications and is a central component of the widely used LAMP open-source web application software stack (and other 'AMP' stacks). LAMP is an acronym for "Linux, Apache, MySQL, and Perl/PHP/Python." Free-software-open source projects that require a full-featured database management system often use MySQL. For proprietary use, several paid editions are available and offer additional functionality. Applications that use MySQL databases include TYPO3, MODx, Joomla, Word Press, phpBB, MyBB, Drupal, and other software. MySQL is also used in many high-profile, large-scale websites, including Google (though not for searches), Facebook, Twitter, Flickr, and YouTube.

5.2 PSEUDO CODE

      The rules of pseudocode are reasonably straightforward. All statement showing "dependency" is to be indented. These include while, do, for, and if switch. The example below will illustrate this notation.

LOGIN

1) Get the username typed by the Admin
2) Get the password typed by the admin
3) Check both username and password in the MySQL database
4) If username and passwords do not match
5) Print invalid username and password error message
6) If an empty username and password
7) Print they can't be empty
8) If both match
9) Start session and redirect to Home Page

SERVER LOGIN:

1) Open the login page.
2) Admin enters the username and password in two textboxes respectively.
3) If it is true it connects to the admin homepage or else it displays an error message.

USER MODULE:

This is for new users. Admin will Require details on this user page so that the employee can be registered. They will enter their details in the below fields:

1) Username

2) Designation

3) Email-id

4) Phone number

ADMIN LOGIN:

1. Get the user name typed by the admin

2. Get the password typed by the admin

3. Check both username and password in the database

4. If username and password do not match

5. Print invalid username and password error message

6. If an empty username and password

(Print they can't be empty)

7. If both match

Start session and redirect to Home Page (Admin)

ADDING TRIP DETAILS:

1. User can add the Loading point, Unloading point Date, and all details in the textbox

2. User can select the dcfile, royaltySlip image also

3. User can also edit the details even after saving the details

4. After the fill the details user can create new trip details also and save them.

CHAPTER 6

SYSTEM TESTING AND VALIDATIONS

6.1 TESTING:

Testing is the process of executing a program or system with the intent of finding errors. Or, it involves any activity aimed at evaluating an attribute or capability of a program or system and determining that it meets its required results. Software is not unlike other physical processes where inputs are received, and outputs are produced. Where software differs is in the way it fails. Most physical systems fail in a fixed (and reasonably small) set of ways. By contrast, the software can fail in many bizarre ways. Detecting all the different failure modes for software is generally infeasible.

Testing is one of the most important stages in software development which can prove whether the implementation and the requirements are infidelity with each other. Testing can also confirm if the software specifications are complete and consistent. One of the main goals of testing is to have a minimum number of test cases that will find most implementation errors. The software/system that is been tested out here is known as OBSE (Objective Business Specification Environment). This is a process wherein the queries submitted online are evaluated by a group of experts.
`

SYSTEM TESTING

The modules are integrated and tested with their requirements on the basis. On the result of the test, it is durable on sunny days. The ultrasonic sensors are used to detect the level of garbage in each bin, and it will send this information to the Raspberry Pi and it is checked. System testing is simply testing the system, it gets all the integrated modules of the various components from the integration testing phase and combines all the different parts into a system which is then tested. Testing is then done on the system as all the parts are now integrated into one system the testing phase will now have to be done on the system to check and remove any errors or bugs.

INTEGRATION TESTING:

Integration testing in the software testing model comes before system testing and after the unit testing has been done. Integration testing in the software testing model comes before system testing and after the unit testing has been done. The way that integration testing works iareby, getting the individual modules that have been through the unit testing phase and integrating each module into a group. The integration testing phase will make sure when the modules are being integrated that any problems, for example, errors or bugs, caused due to the integration of the modules are eliminated. Integration testing does not deal with the integration of the whole system but deals with the integration of a process in the system.

INTEGRATION TEST CASES:

Test cases are created to make sure that the output, of the integrated, modularise producing the expected output and is working exactly how it is supposed to work. This is simply a way to spot any errors or bugs that might have been made in the integration phase. The tester will then work through the program and document all the data using the test case that was created, the test case will test all inputs and outputs in the integrated modules.
If you are dealing with a large application or program then there may be various test cases that might need to be created to test separate sections of the program. The various test cases are normally gathered together and referred to as test suites, which are a set of test cases.

UNIT TESTING

In computer programming, unit testing is a software testing method by which individual units of source code, sets of one or more computer program modules together with associated control data, usage procedures, and operating procedures are tested to determine if they are fit for use. In procedural programming, a unit could be an entire module, but it is more commonly an individual function or procedure. In object-oriented programming, a unit is often an entire interface, such as a class, but could be an individual method. Unit tests are short code fragments created by programmers or occasionally by white box testers during the development process. Ideally, each test case is independent of the others. Substitutes such as method stubs, mock objects, fakes, and test harnesses can be used to assist in testing a module in isolation. Unit tests are typically written and run by software developers to ensure that code meets its design and behaves as intended.

ACCEPTANCE TESTING:

   System testing must also verify that file sizes are adequate and that their indexes have been built properly. Sorting and rendering procedures assumed to be present in lower-level modules must be tested at the systems level to see that fact exists to achieve the results modules expect.

TEST CASES

Id	Scenario	Test Cases	Expected Result	Actual Result	Pass/Fail
1	**Registration**	Enter null in mandatory fields.	It should not do the registration and show an error.	It will show a message that enters the data.	Pass
		Enter incorrect data	It should not do the registration and show an error.	It will show a message that enters the correct data.	Pass
		Enter correct data of all required field	It should let do registration.	It will show the message of successfully registration	Pass
2	**Login**	Enter null username or password.	It should not do the login and show an error.	It will show a message that enters the username and password.	Pass
		Enter wrong data of username or password.	It should not do the login show error.	It will show the message that enters the correct username or password.	Pass

		Enter correct data of username or password.	It should let do login.	It will show the message of a successful login.	Pass
3	**Add Trip Details**	Enter null in mandatory fields.	It Should not save and it will show an error message	It will show the message that enters the data	Pass
		Enter correct data of all required fields.	It should create the trip and it will save	It will show the details in the report field that has been entered	Pass
4	**Add User**	Enter correct data of all required filed	It should add a username and all details	It will show the details that have been added	Pass
		Enter null in mandatory fields.	It should not do the login show error.	It will show a message that enters the username.	Pass

6.2 **VALIDATIONS**

Validation refers to the process of data validation, ensuring that data inserted into an application satisfies pre-determined formats or complies with stated length and character requirements and other defined input criteria. It may also ensure that only data that is either true or real can be entered into a database. There are two types of validation that can check the authenticity and reliability of the user input

Client-side Validation-Validation will be done on the client machine. Ex:

If the fields are left blank, an error message is displayed

Server-side Validation- Validation will be done on the server machine.
Ex: If the desired username exists, the end-user is provided with an error message.

Validation:

This has its own predefined functions for Validation. This can be done by the following code:

```
function btnLogin_Click(){

var isV = false;

var uN = $('#txtUserName');

var pD = $('#txtPassword');

 if (uN.val() == "")

$('#error')[0].innerText = "Please Enter the Username"; if

(pD.val() == "")

$('#error1')[0].innerText = "please Enter the Password"; if

(uN.val() != "" && pD.val() != "")
```

isV = true;

return isV;}

When the user credentials are entered it will search for the role id and display the details of their respective credentials.
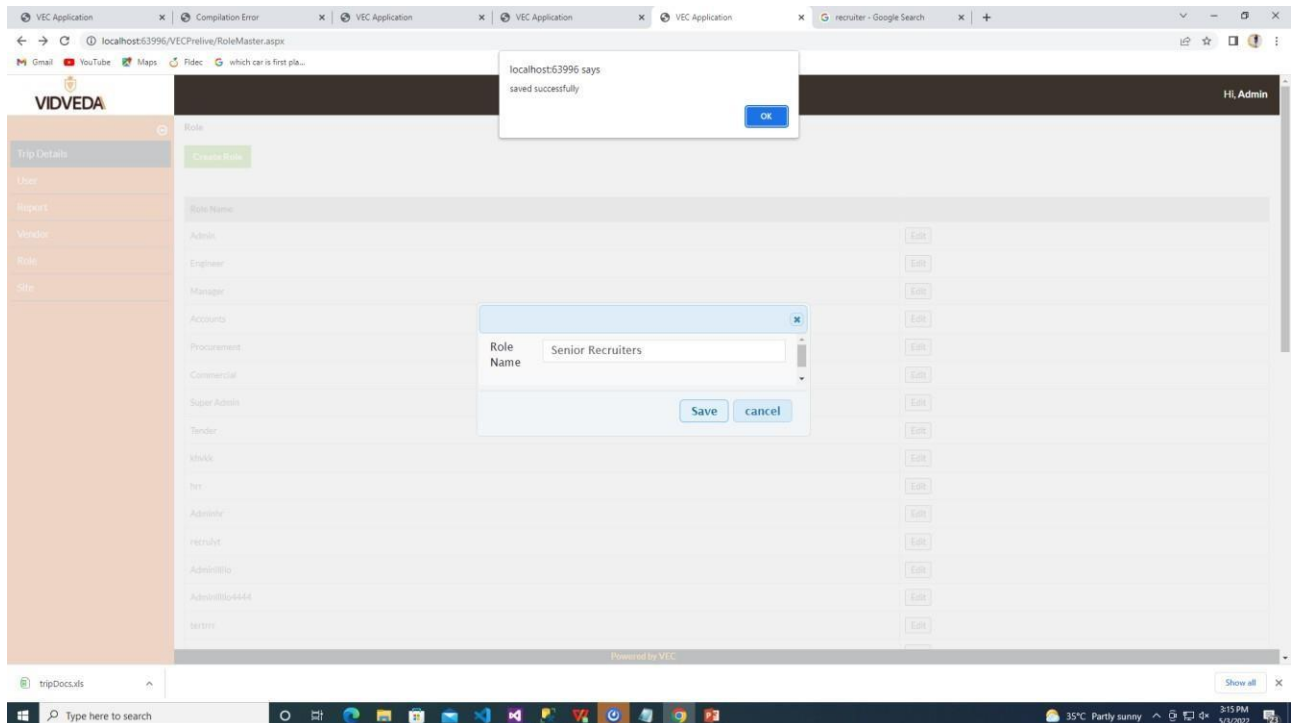
There will be a pop up show as saved successfully if once we save the details

There will be a pop up show as updated successfully if once we update the details

There will be an error message show as please enter the role name as it is a required field

CHAPTER 7

USER MANUAL

Home Page
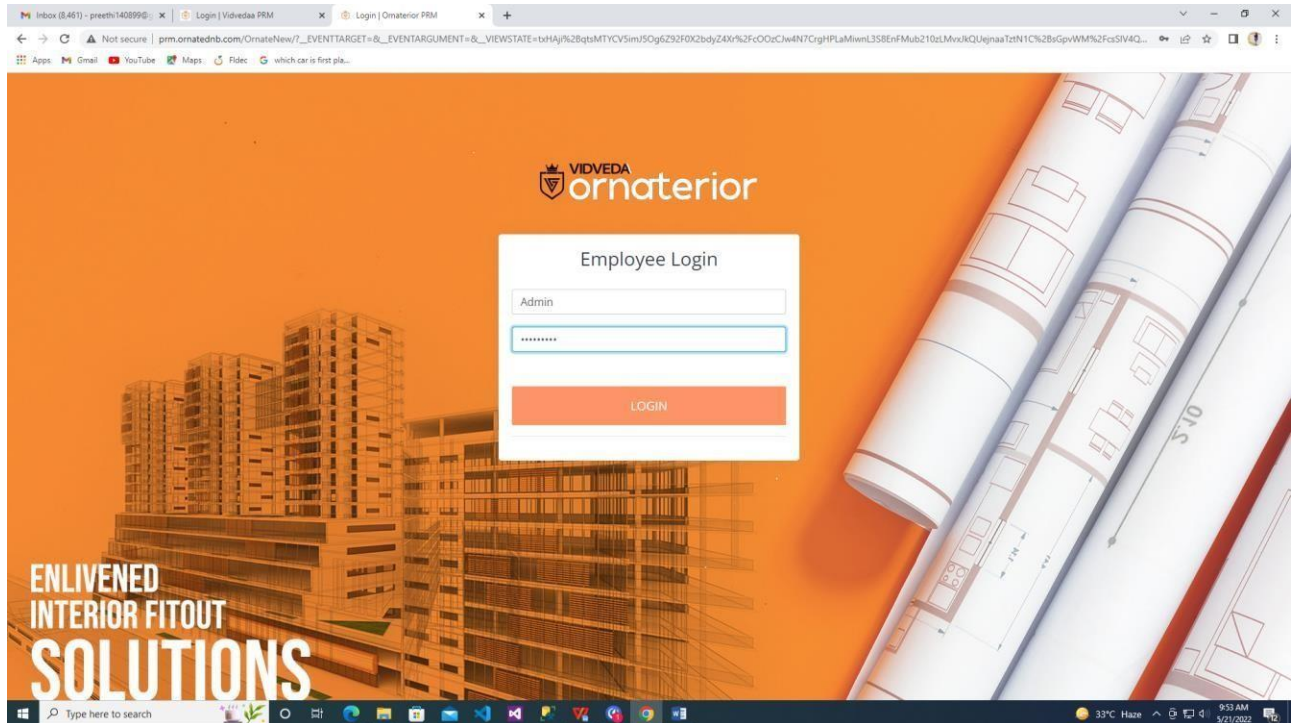
- The admin or user can login by entering the username and password

Trip Details page

In this page the User can enter the details by clicking create trip button and the details will be saved successfully.

Report Details Page

- This page show the all the details, and show in report format.

User details Page

- It shows all the details about user and the admin will enter the details of the same

Vendor Details Page

- We will be delivering our material to various vendor so this module will show all the details about vendor

Role Details
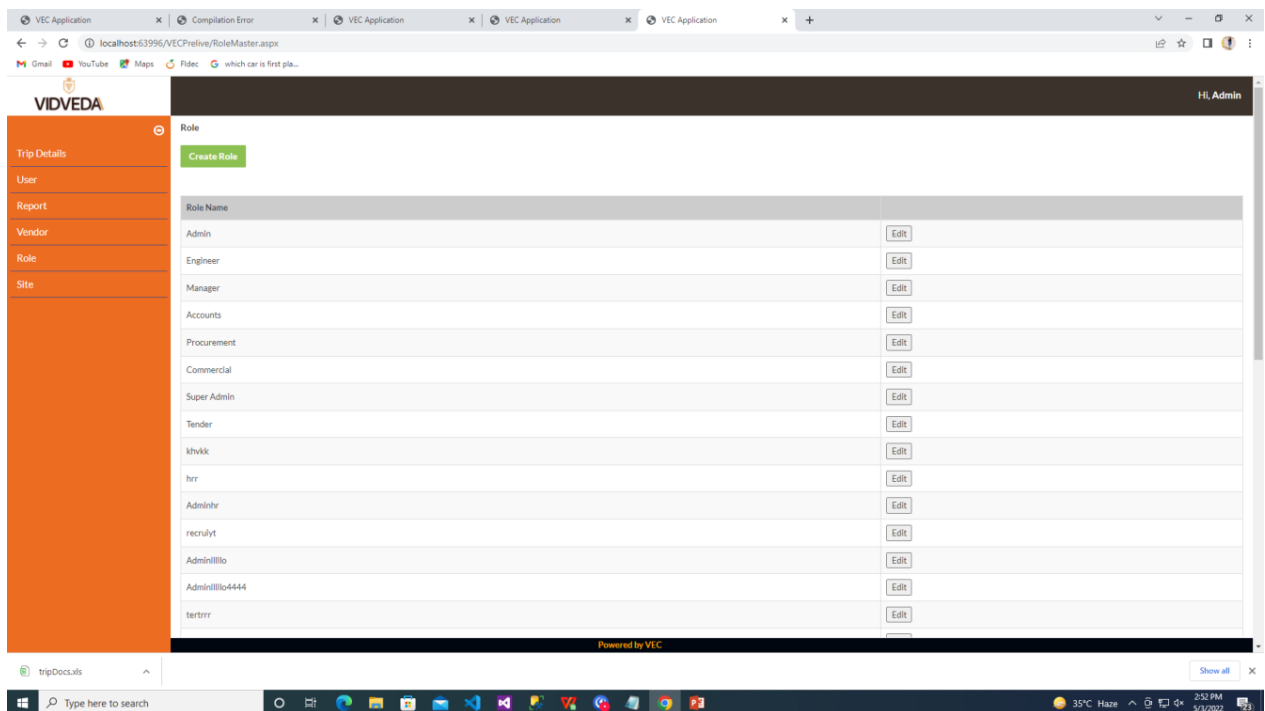
- If admin need to enter the role of labour or a employee who were working on site or in company we neeed to add so we kept this module

Site Details

- There may be many site where we are working so it is neccesary to add the details of site

Report Filters

- As there will be many number of details that has been saved in database so it is takes time to display all the details .so we kept filter option to overcome the problem
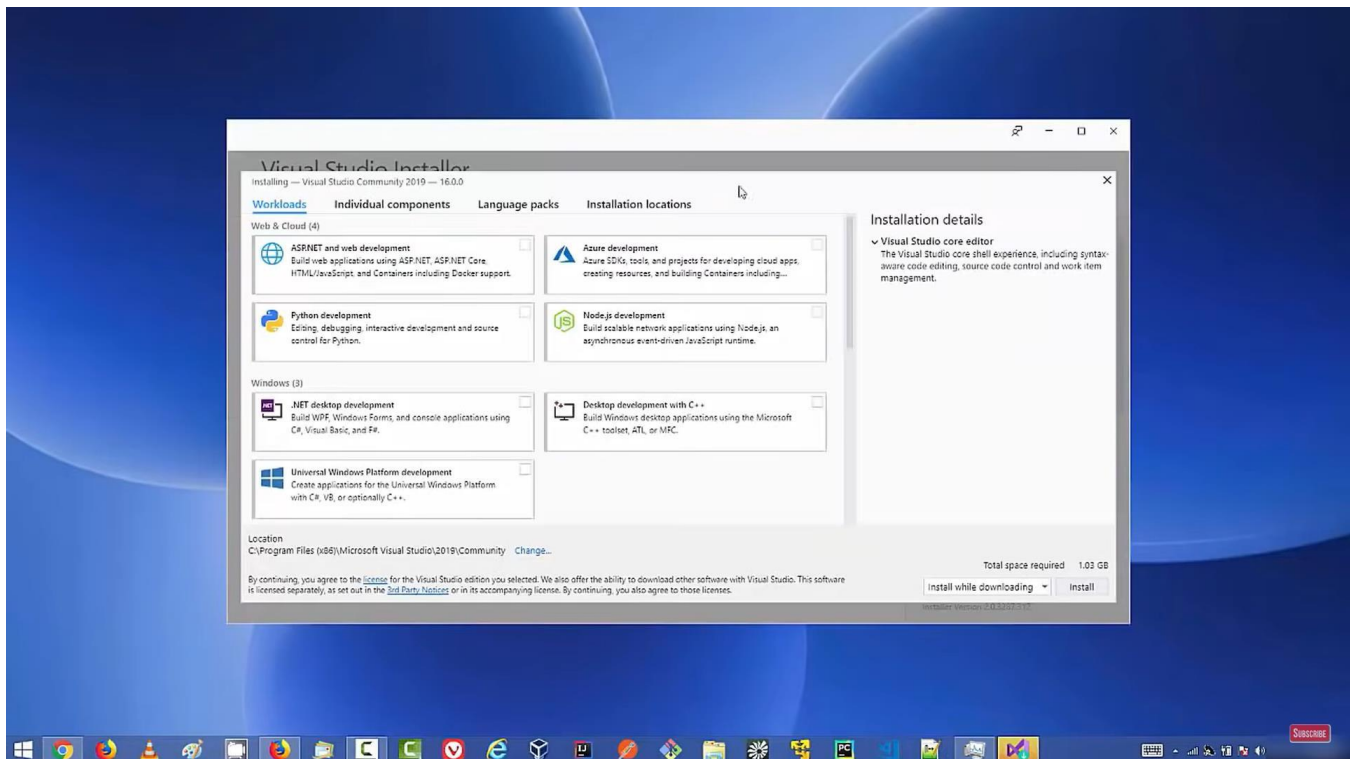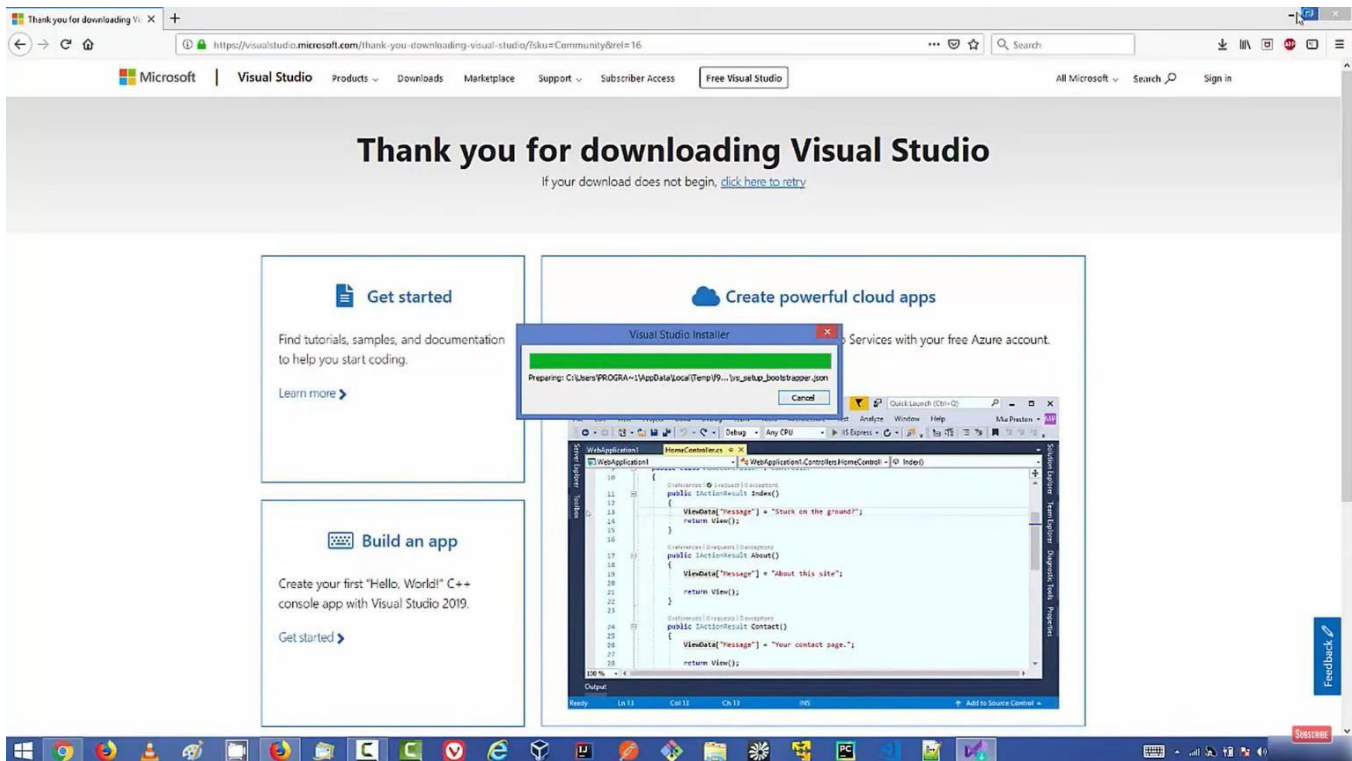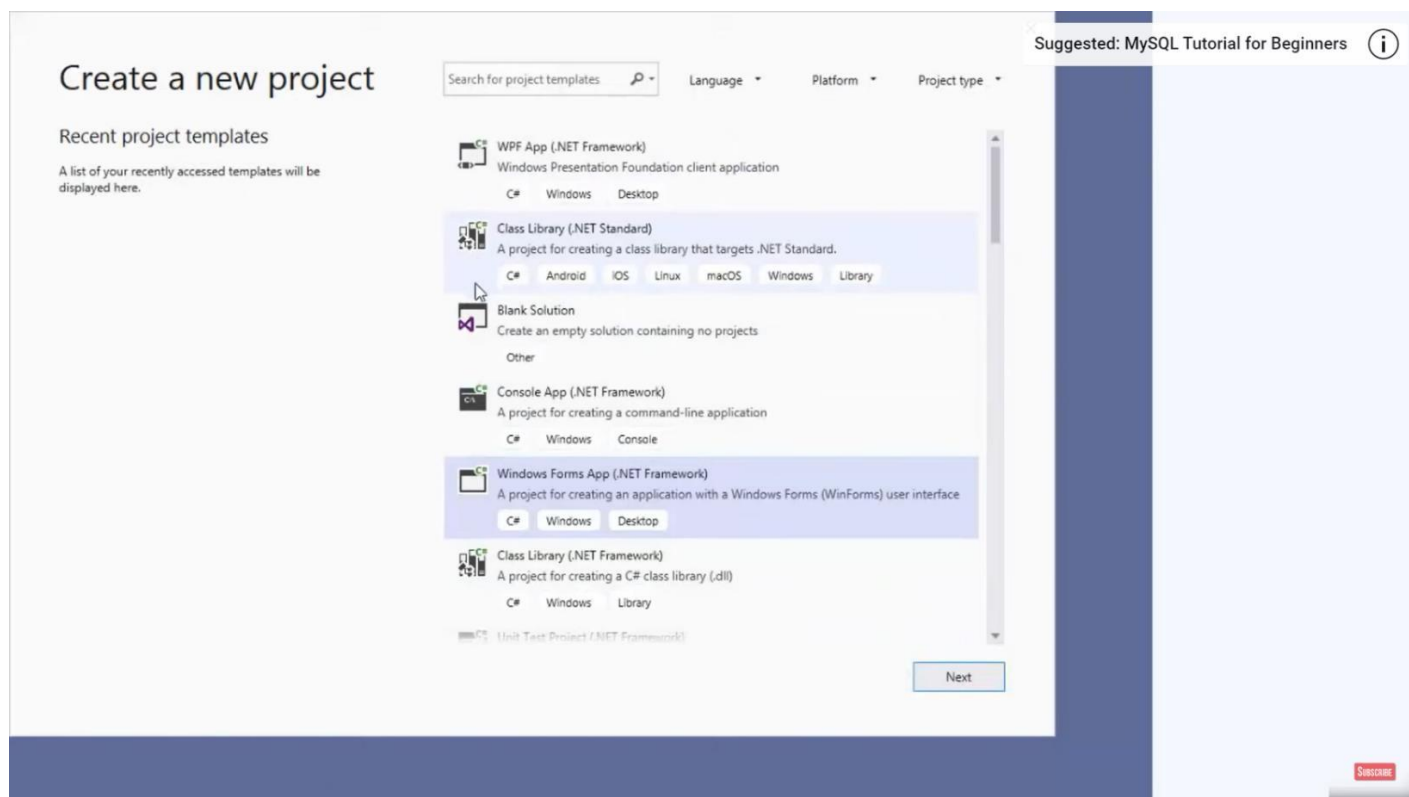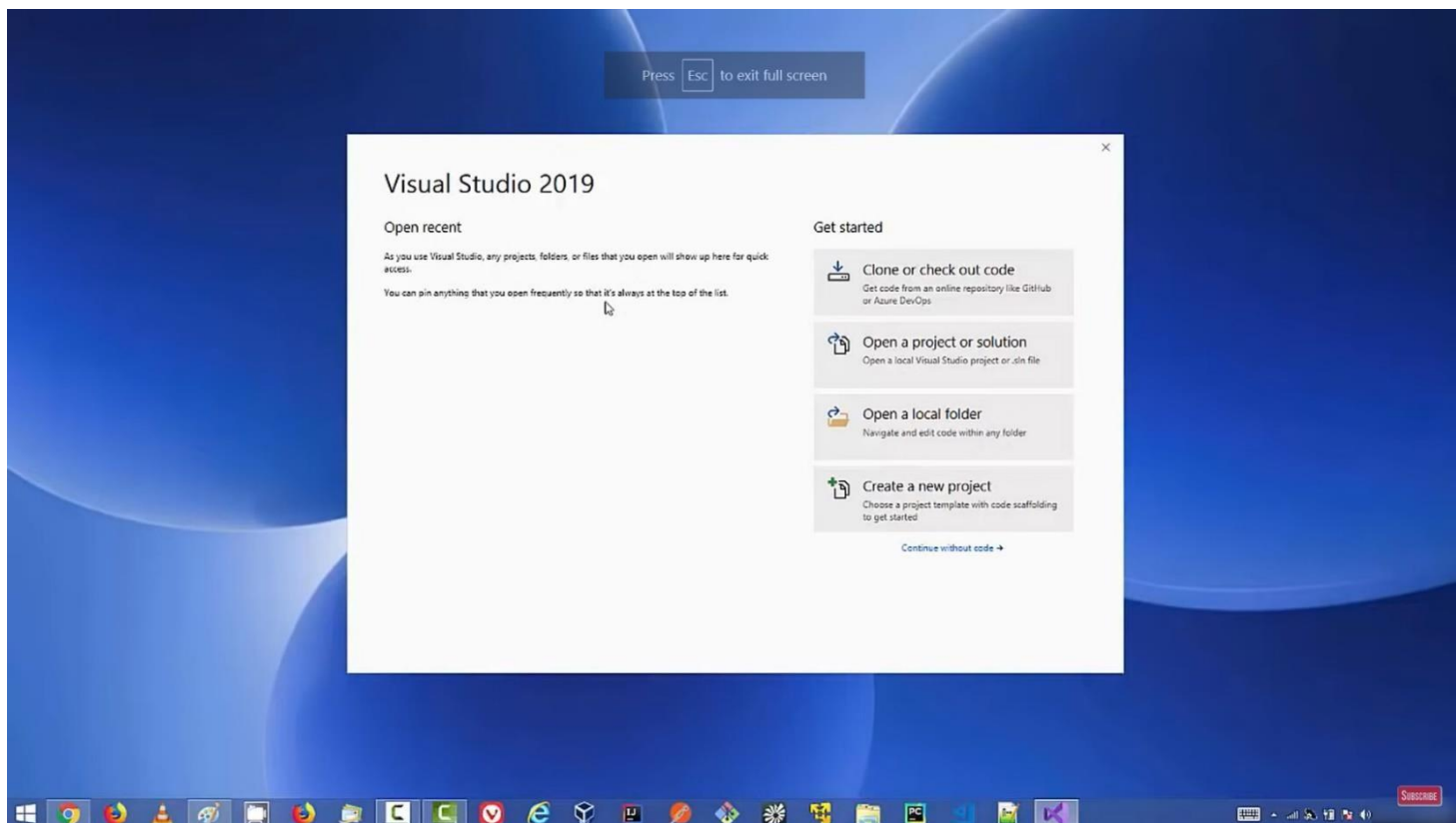
CHAPTER 8

SYSTEM IMPLEMENTATION

Implementation is the carrying out, execution, or practice of a plan, a method, or any design for doing something. As such, implementation is the action that must follow any preliminary thinking for something to happen. In an information technology context, implementation encompasses all the processes involved in getting new software or hardware operating properly in its environment, including installation, configuration, running, testing, and making necessary changes.

- This system is implemented by using **Html, Css and JavaScript** and **MySQL.**
- A implementation techniques involves the following steps:
  - Installation of Microsoft Visual Studio to connect the Frontend.

  - Installation of Microsoft SQL Server Management Studio to connect the Backend MySQL.
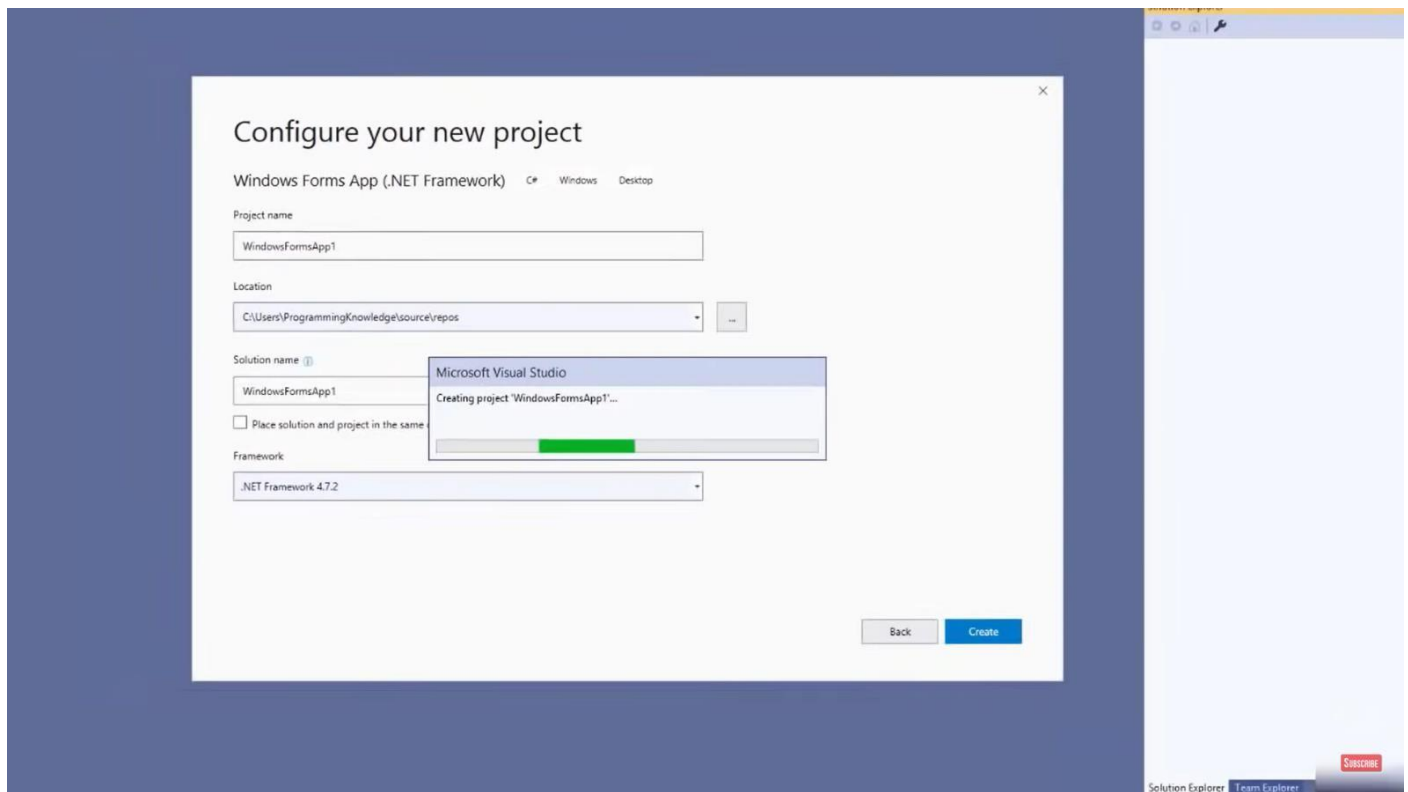
The Project can be compressed and be saved in WINRAR File and can be used in other Systems.
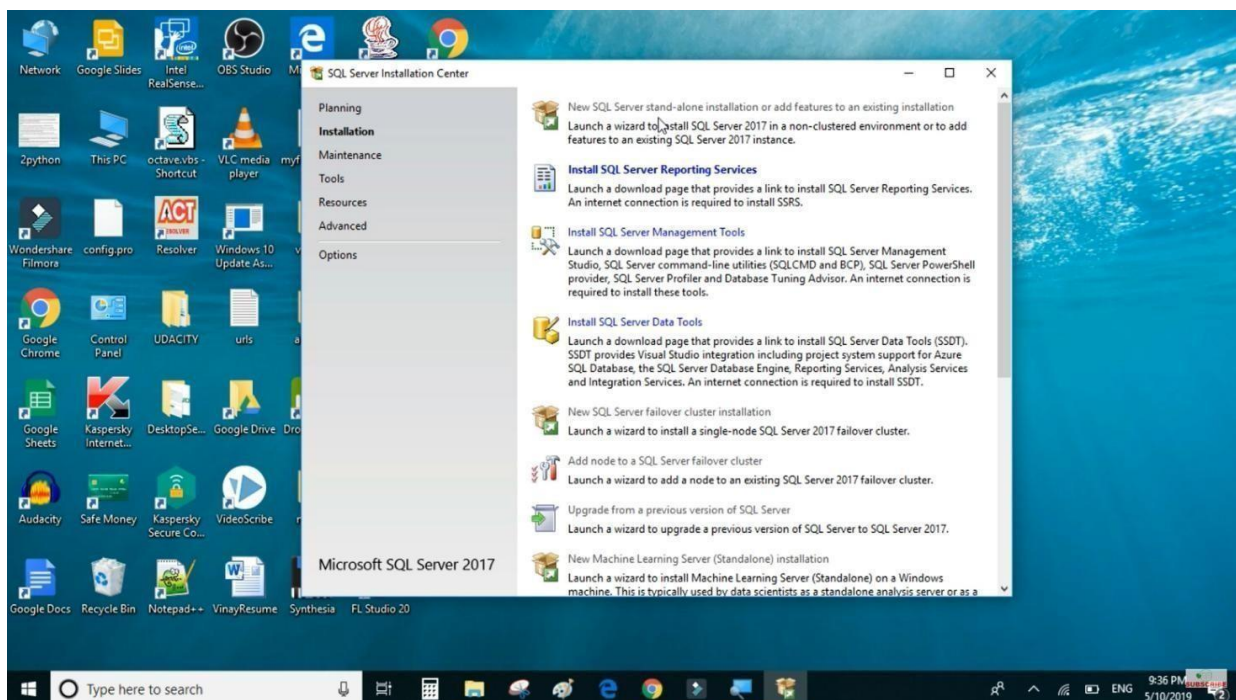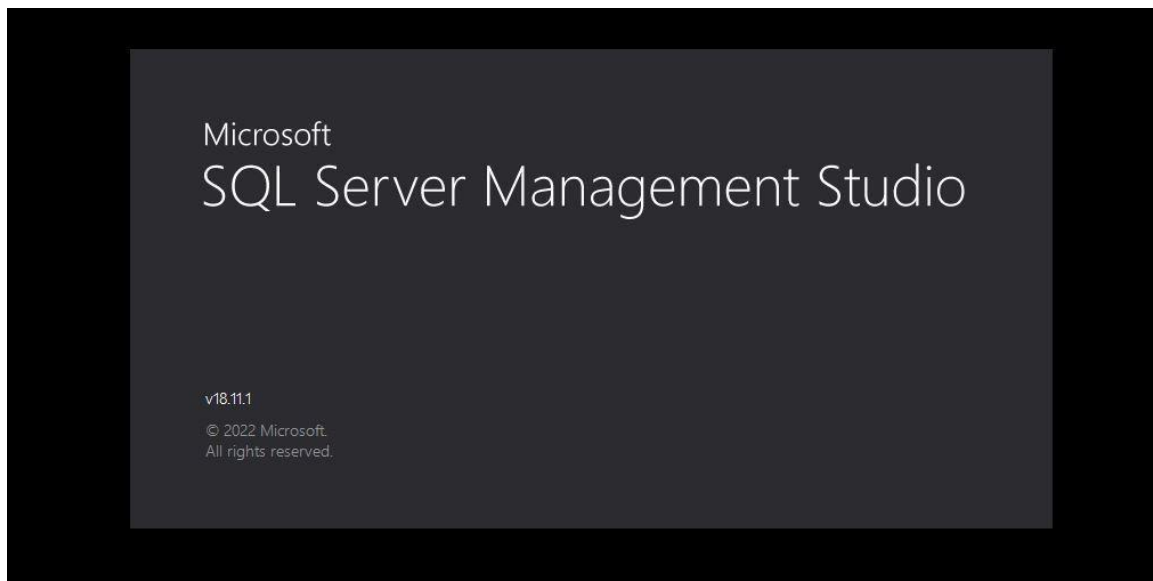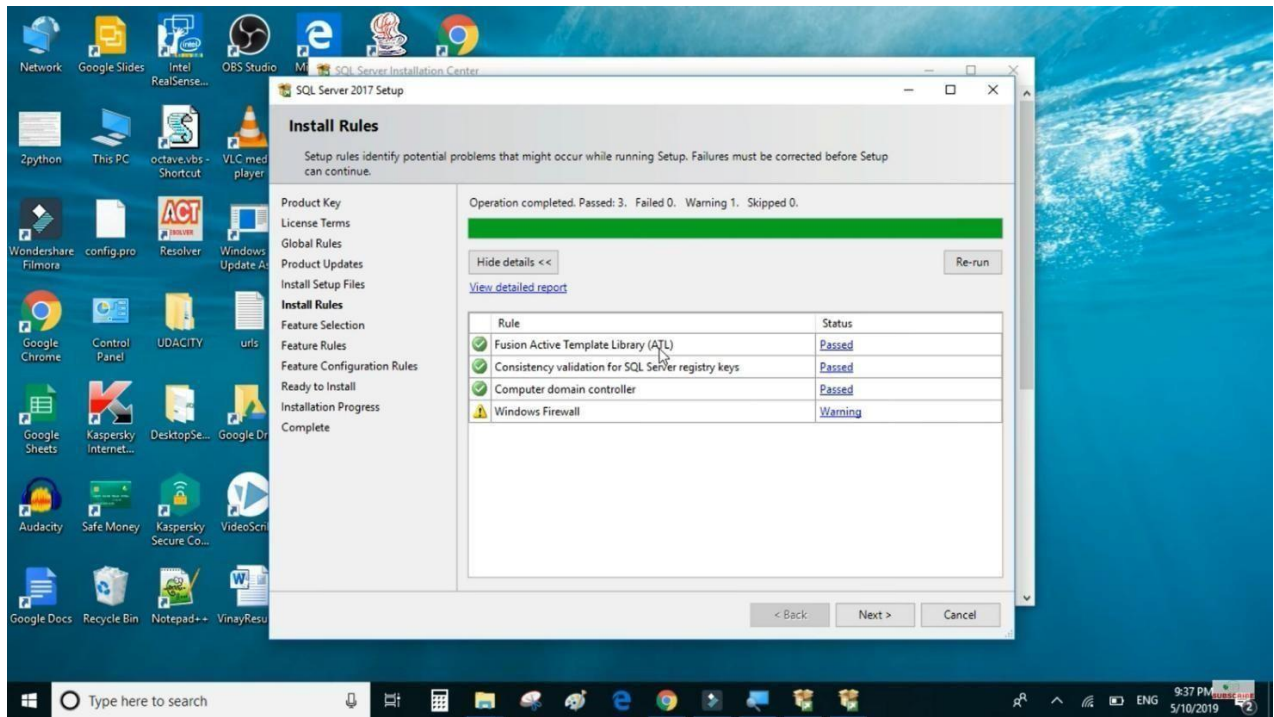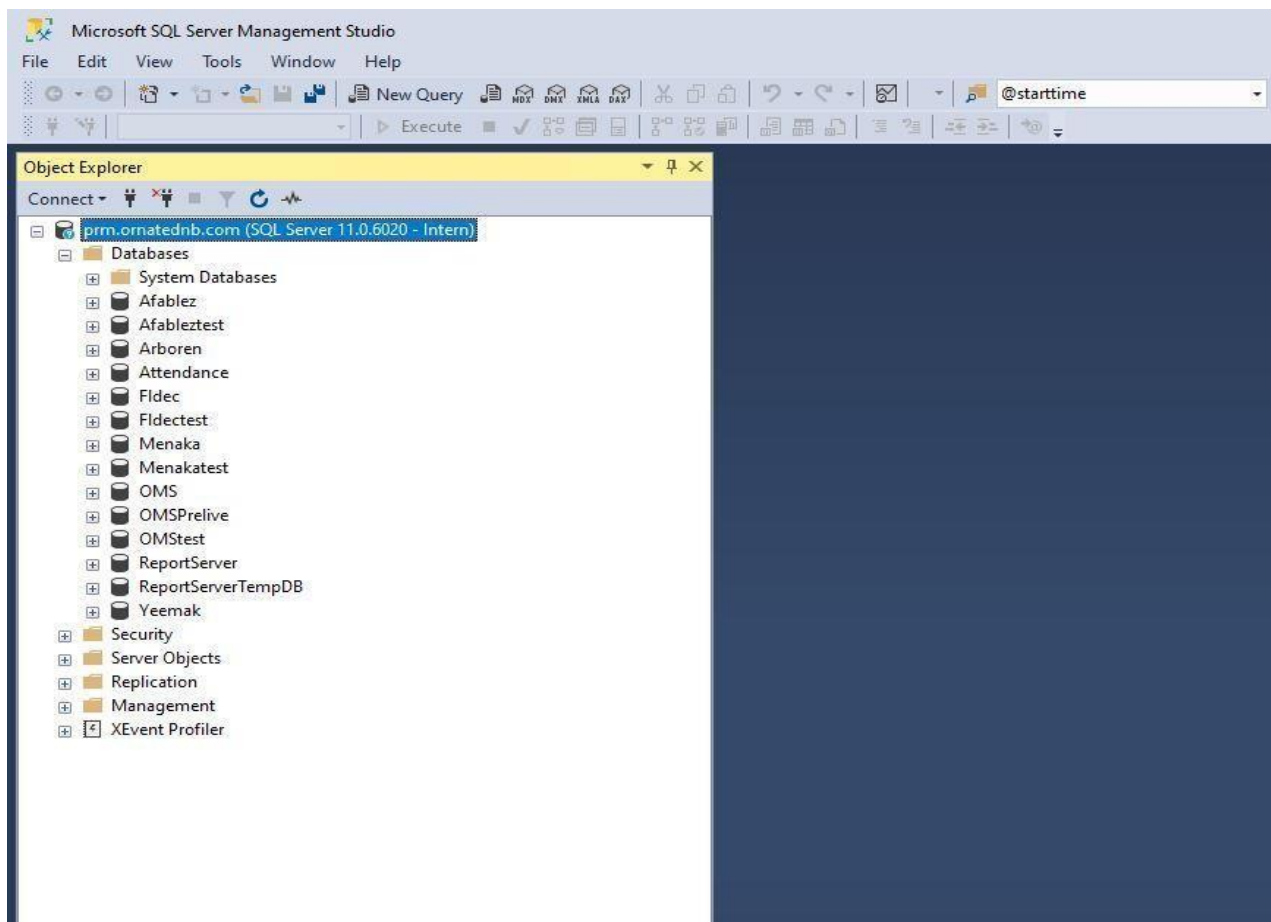
MICROSOFT VISUAL STUDIO INSTALLATION
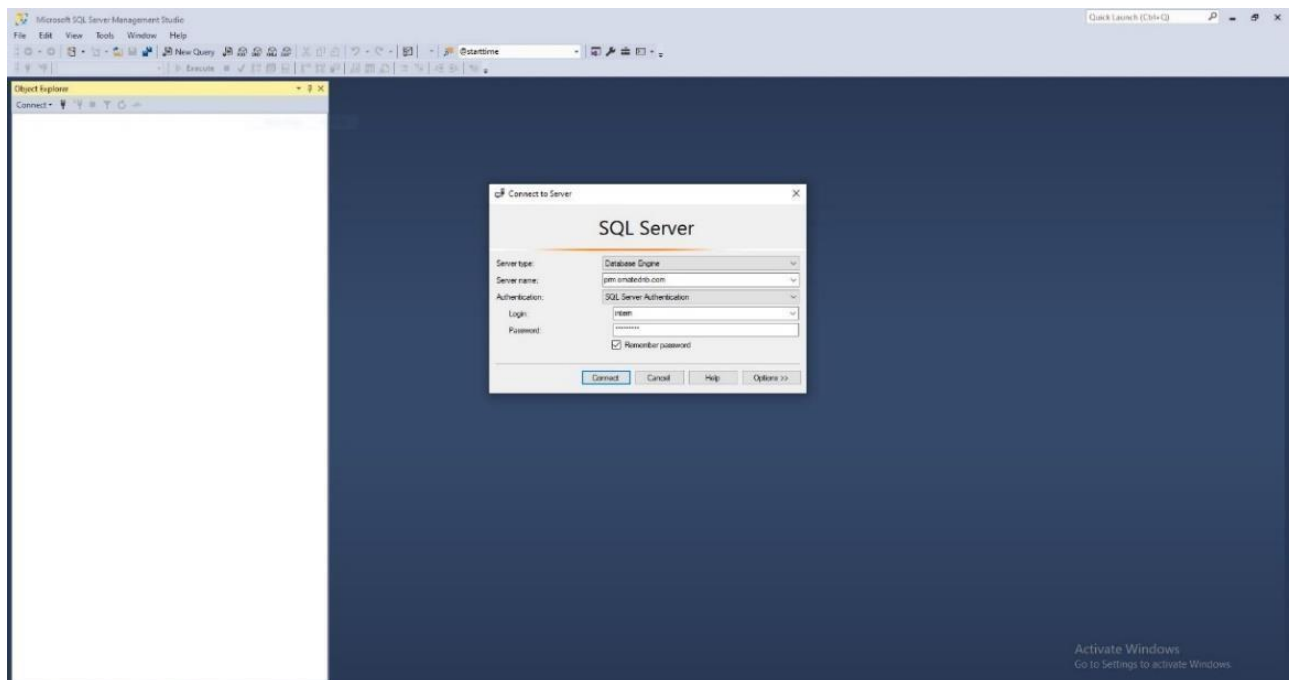
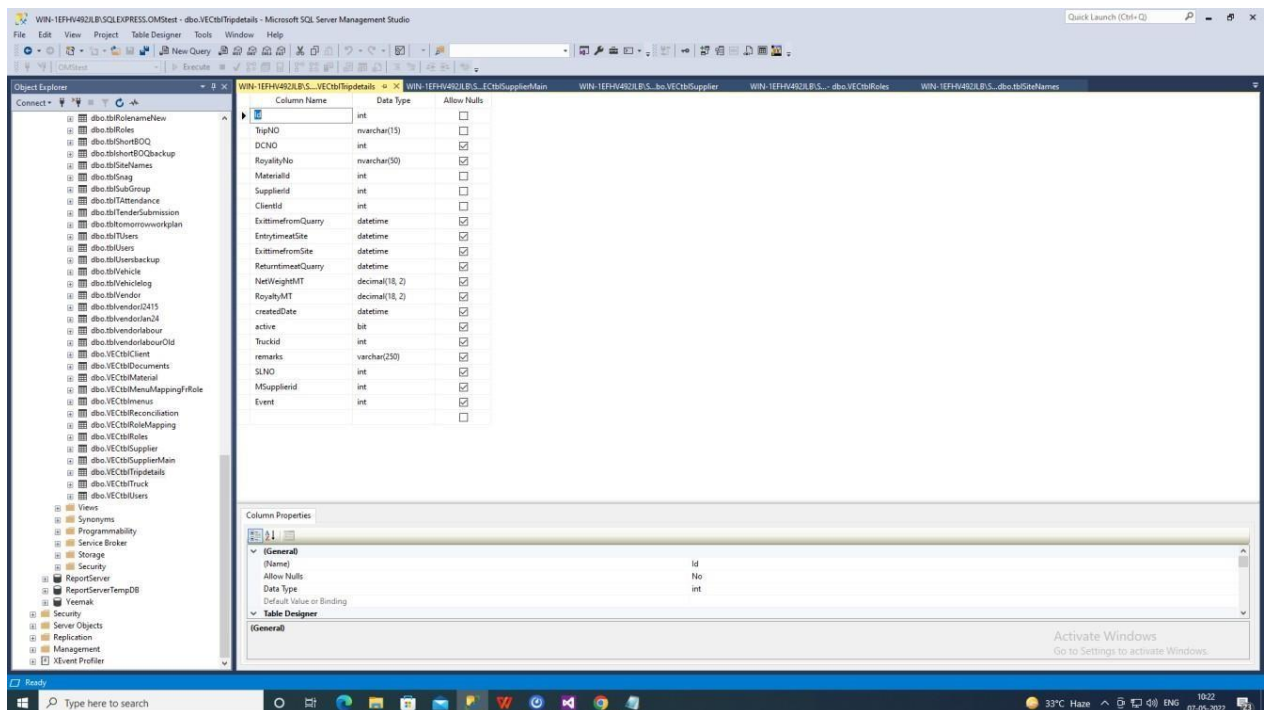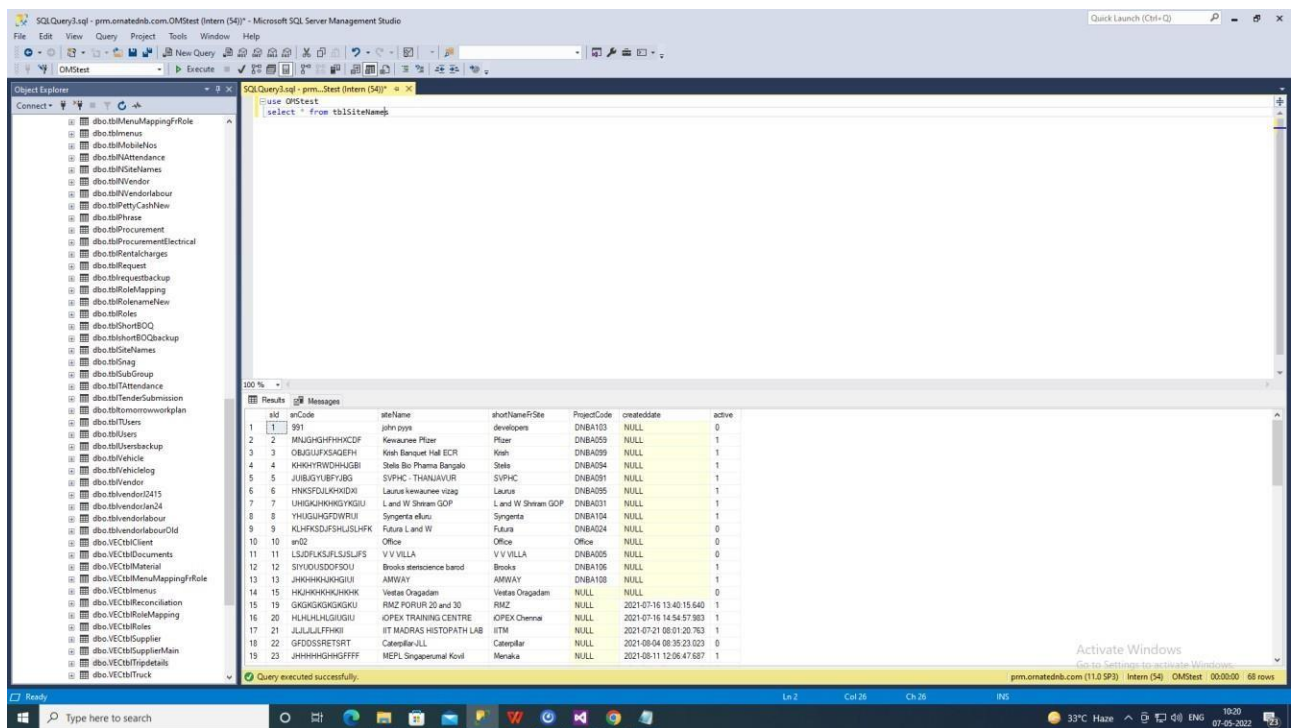## MICROSOFT SQL SERVER MANAGEMENT STUDIO   INSTALLATION

MICROSOFT SQL MANAGEMENT STUDIO INSTALLATION

CHAPTER 9

CONCLUSION

This Project Resource Management System is a website made for the reference of our company There will be many trip that will be carried out day to day to maintain the details of all trip we created this website and this is one of our project in our company which is been hosted successfully

 There will be separate module for each and every Details like site, vendor, trip, user etc...

Where in site the details of site like site name and WhatsApp site name will be shown because we use WhatsApp API to display the details easily there will be a standard name like document so that document will be shown

We use same WhatsApp API in HRM project where the admin will give input as attendance so that the whole attendance of that particular day will be display. In such format we will generate the attendance of whole month it will show the Check in time, check out time, late attendance and number of days leave etc…

In same format this Project Resource Management also has a WhatsApp access where the admin will give input like attendance on site so that the person who all are in onsite will be shown. Where in user side they will enter input as check in.

In this project, we presented a Website for storing the details of whole project that has been carried out in site also the admin can enter and edit the details of the same. There are nearly six module which has been maintained separately of the project

CHAPTER 9

FUTURE ENHANCEMENT

As a future enhancement, we plan to Add invoice bill as a module to generate the details for vendor reference. So that it will be easy for them to evaluate the bill and the expenses and profit of our company

We also having a future plan to add module like Expense and Profit where in Expense the details of expense that has been spend by our company also the staff details like how much does our company spend on them and how much they spend on site for labours etc...In Profit module, the amount that has been taken from the vendor will be displayed we thought of enhance our project in future in such manner

CHAPTER 11

BIBLIOGRAPHY

Book:

1) C# 6.0 and the .NET 4.6 Framework by Andrew Troelsen and Philip Japikse

2) Programming Entity Framework by Julia Lerman

3) Programming WCF Services: Design and Build Maintainable Service- Oriented Systems by Juval Lowy and Michael Montgomery

4) Pro .Net 2.0 Windows Forms and Custom Controls in C#: From Professional to Expert by Matthew MacDonald

Web Reference:

- https://www.w3schools.com/html/
- https://www.tutorialspoint.com/javascript/index.htm
- https://listjs.com/api/#update
- https://knockoutjs.com/
- https://jquery.com/
- https://www.tutorialspoint.com/sql/index.html

TRIP DETAILS

TripId	TripNo	DcNo	RoyaltyNo	Materialid	Supplierid	Clientid
Int	Varchar(200)	int	Varchar(200)	Int	int	int

SUPPLIER TABLE:

Id	SupplierId	SupplierName	CreatedDate	Active
int	Int	Varchar(200)	datetime	bit

TRUCK TABLE:

Id	TruckId	TruckNo	CreatedDate	Active
int	Int	Varchar(200)	datetime	bit

MATERIAL TABLE:

Id	MaterialId	MaterialNo	CreatedDate	Active
int	Int	Varchar(200)	datetime	bit

CLIENT TABLE:

Id	ClientId	ClientNo	CreatedDate	Active
int	Int	Varchar(200)	datetime	bit

LOGIN:

```
<script src="assets/js/jquery.min.js" type="text/javascript" language="javascript"></script>
<script src="assets/js/bootstrap.min.js" type="text/javascript" language="javascript"></script>
     <script type="text/javascript">
        $(function () {
           if ($('[data-toggle="tooltip"]').length > 0)
           { $('[data-toggle="tooltip"]').tooltip(); }
        });


        function echeck(str) {
           $("#valEmailDiv").empty();
           if (document.getElementById('txtEmail').value != '') {
              var at = "@"
              var dot = "."
              var lat = str.indexOf(at)
              var lstr = str.length
              var ldot = str.indexOf(dot)
              if (str.indexOf(at) == -1) {
                 $("#valEmailDiv").append('Incorrect email ID');
                 //alert("Incorrect email ID")
                 document.getElementById('txtEmail').value = '';
                 document.getElementById('txtEmail').focus();
                 return false
              }

     if (str.indexOf(at) == -1 || str.indexOf(at) == 0 || str.indexOf(at) == lstr)
              {
                 $("#valEmailDiv").append('Incorrect email ID');
                 document.getElementById('txtEmail').value = '';
                 document.getElementById('txtEmail').focus();
                 return false
              }

        if (str.indexOf(dot) == -1 || str.indexOf(dot) == 0 || str.indexOf(dot) == lstr)
                {
                 $("#valEmailDiv").append('Incorrect email ID');
                 document.getElementById('txtEmail').value = '';
                 document.getElementById('txtEmail').focus();
                 return false
              }

              if (str.indexOf(at, (lat + 1)) != -1) {
```

```
            $("#valEmailDiv").append('Incorrect email ID');
            document.getElementById('txtEmail').value = '';
            document.getElementById('txtEmail').focus();
            return false
        }

    if (str.substring(lat - 1, lat) == dot || str.substring(lat + 1, lat + 2) == dot)
        {
            $("#valEmailDiv").append('Incorrect email ID');
            document.getElementById('txtEmail').value = '';
            document.getElementById('txtEmail').focus();
            return false
        }

        if (str.indexOf(dot, (lat + 2)) == -1) {
            $("#valEmailDiv").append('Incorrect email ID');
            document.getElementById('txtEmail').value = '';
            document.getElementById('txtEmail').focus();
            return false
        }

        if (str.indexOf(" ") != -1) {
            $("#valEmailDiv").append('Incorrect email ID');
            document.getElementById('txtEmail').value = '';
            document.getElementById('txtEmail').focus();
            return false
        }

    }
    return true
}

</script>
```

TRIP DETAILS:

```
<link rel="stylesheet" type="text/css" href="../files/assets/css/style.css"/>
   <link rel="stylesheet" type="text/css" href="../files/assets/css/jquery.mCustomScrollbar.css" />
    <script src="js/knockout-3.3.0.js" type="text/javascript"></script>
   <script src="js/knockout.mapping-latest.js" type="text/javascript"></script>
   <script src="js/knockout.validation.js" type="text/javascript"></script>
   <script type="text/javascript" >
      $(document).ready(function () {
         $("#ctrlDate").datepicker({
            dateFormat: 'dd/mm/yy',
            changeMonth: false,
            changeYear: false,
```

```
        yearRange: '1924:' + (new Date).getFullYear()
    });
});

function chkFrDates() {
    // debugger;
    var isV = false;
    var fD = $('#MainContent_dtFrom');
    var eD = $('#MainContent_dtTo');

    if (fD.val() == "")
        $('#lblFr')[0].innerText = "Pls choose start date";
    if (eD.val() == "")
        $('#lblE')[0].innerText = "pls choose end date";
    if (fD.val() != "" && eD.val() != "")
        isV = true;
    BindTripList(fD.val(), eD.val());
    return isV;
}
function BindTripList(startdate, enddate) {
    //debugger;
    $.ajax({
        type: "POST",
        contentType: "application/json; charset=utf-8",
        url: "TripList.aspx/bindTripList",
        data: "{'startdate':'" + startdate + "','enddate':'" + enddate + "'}",
        dataType: "json",
        success: function (data) {
            ko.mapping.fromJS(data.d, null, formDocument);
            $('#basic-btn').DataTable({
                "paging": false,
                "ordering": false,
                responsive: true
                // dom: 'Bfrtip'
                // dom: 'Bfrtip',
                //buttons: ['excel', 'pdf']
            });
        },
        error: function (response) {
            alert(response.responseText);
        },
        failure: function (response) {
            alert(response.responseText);
        }
    });
}
function editItmMaster(itemI) {
```

```
        //debugger;

        var iInd = itemI.title; //$(itemI).closest('tr').find('#hidIndex').val();
        fnBindMaterial(formDocument().lstObj()[iInd].materialId());
        fnBindTruck(formDocument().lstObj()[iInd].truckId());
        fnBindSup(formDocument().lstObj()[iInd].MSupplierid());
        fnBindSupplier(formDocument().lstObj()[iInd].supplierId());
        fnBindClient(formDocument().lstObj()[iInd].clientId());

        //alert(formDocument().lstObj()[iInd].cDate());
        $("#ctrlDate").val(formDocument().lstObj()[iInd].cDate());
        $("#txtDCNo").val(formDocument().lstObj()[iInd].dcno());
        $("#txtDCNo").focus();

        $("#txtNetweight").val(formDocument().lstObj()[iInd].netWeighMT());
        $("#txtRoyaltyCuM").val(formDocument().lstObj()[iInd].royaltyMT());
        $("#txtRoyaltyNo").val(formDocument().lstObj()[iInd].royaltyNo());

        $("#spanDownloadDC")[0].innerText = formDocument().lstObj()[iInd].dcFile();
        $("#spanDownloadDC")[0].title = formDocument().lstObj()[iInd].dcFileExists();

        $("#spanDownloadRoyaltySlip")[0].innerText = formDocument().lstObj()[iInd].royaltySlipFile();
        $("#spanDownloadRoyaltySlip")[0].title = formDocument().lstObj()[iInd].royaltySlipFileExists();

        $("#spanDownloadLTWeigh")[0].innerText = formDocument().lstObj()[iInd].landTFile();
        $("#spanDownloadLTWeigh")[0].title = formDocument().lstObj()[iInd].landTFileExists();

        $("#hidCurrentIndex").val(iInd);
        $("#dcEdit").dialog
({

    width: 550,
    height: 400, resizable: false, modal: true,
    buttons: {
        "Update": function () {
            var isValid = true;
            if (!hasddlValue('supat', 'spansupAt', 'please select truck'))
                isvalid = false;
            if (!hasddlValue('drpTruck', 'spanTruck', 'please select truck'))
                isvalid = false;
            if (!hasddlValue('drpLoadingat', 'spanLoadingAt', 'please select loading'))
                isvalid = false;
            if (!hasddlValue('drpUnloadingAt', 'spanUnloadingat', 'please select unloading'))
                isvalid = false;
            if (!hasddlValue('drpMaterial', 'spanMaterial', 'please select material'))
                isvalid = false;
            //debugger;
```

```
if (isValid) {
    var curIndx = $("#hidCurrentIndex").val();
   var iObj = new TripList();
    iObj.tripId = formDocument().lstObj()[curIndx].tripId();
    iObj.docId = formDocument().lstObj()[curIndx].docId();
    // //drpTruck, drpMaterial, drpLoadingat, drpUnloadingAt
    iObj.MSupplierid = $("#supat").val();
    iObj.MSupplierNo = $("#supat option:selected").text();

    iObj.truckId = $("#drpTruck").val();
    iObj.TruckNo = $("#drpTruck option:selected").text();

    iObj.materialId = $("#drpMaterial").val();
    iObj.Material = $("#drpMaterial option:selected").text();

    iObj.supplierId = $("#drpLoadingat").val();
    iObj.LoadingPoint = $("#drpLoadingat option:selected").text();

    iObj.clientId = $("#drpUnloadingAt").val();
    iObj.UnloadingPoint = $("#drpUnloadingAt option:selected").text();

    iObj.cDate = $("#ctrlDate").val();
    iObj.dcno = $("#txtDCNo").val();

    iObj.netWeighMT = $("#txtNetweight").val();
    iObj.royaltyMT = $("#txtRoyaltyCuM").val();
    iObj.royaltyNo = $("#txtRoyaltyNo").val();
    //debugger;
    if ($("#flDC").val() == "")
       iObj.dcFile = $("#spanDownloadDC").text();
    else {
       iObj.dcFile = $("#flDC").val().substr($("#flDC").val().lastIndexOf('\\') + 1);
       //$("#spanDownloadDC")[0].innerText =
$("#flDC").val().substr($("#flDC").val().lastIndexOf('\\') + 1);
    }

    if ($("#flRoyaltySlip").val() == "")
       iObj.royaltySlipFile = $("#spanDownloadRoyaltySlip").text();
    else {
       iObj.royaltySlipFile = $("#flRoyaltySlip").val().substr($("#flRoyaltySlip").val().lastIndexOf('\\')
+ 1);
       //$("#spanDownloadRoyaltySlip")[0].innerText =
$("#flRoyaltySlip").val().substr($("#flRoyaltySlip").val().lastIndexOf('\\') + 1);
    }

    if ($("#flLTWeigh").val() == "")
       iObj.landTFile = $("#spanDownloadLTWeigh").text();
```

```
        else {
           iObj.landTFile = $("#flLTWeigh").val().substr($("#flLTWeigh").val().lastIndexOf('\\') + 1);
           //$("#spanDownloadLTWeigh")[0].innerText =
$("#flLTWeigh").val().substr($("#flLTWeigh").val().lastIndexOf('\\') + 1);
        }
        iObj.currentItemIndex = $("#hidCurrentIndex").val();
         $.ajax({
           type: "POST",
           contentType: "application/json; charset=utf-8",
           url: "TripList.aspx/UpdateDataIntoDB",
           data: "{objCIM : " + ko.toJSON(iObj) + "}",
           dataType: "json",
           success: function (data) {
             if (data.d != "") {
                var inserted = data.d;
                if (inserted != null) {
                   debugger;

                   alert('updated successfully');
                   $("#dcEdit").dialog("close");
                   ko.mapping.fromJS(data.d, null, formDocument().lstObj()[data.d.currentItemIndex]);
                }
                else
                   alert('failed to update');
             }
           },

           error: function (response) {
             alert(response.responseText);
           },
           failure: function (response) {
             alert(response.responseText);
           }
        });
      }
      return isValid;
    },
    "cancel": function () {
      $(this).dialog("close");
    }
  }
});
    }
    function hasValue(ctrlId, errDisplayCtrlId, errMsg) {
      var hasIt = true;
      if ($(ctrlId).val() == "") {
        hasIt = false;
```

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```
            $(errDisplayCtrlId).text(errMsg);
            //$(ctrlId).focus();
        }
        else {
            $(errDisplayCtrlId).text('');

        }

        return hasIt;
    }

    function hasddlValue(ctrlId, errDisplayCtrlId, errMsg) {
        var hasIt = true;
        if ($(ctrlId).val() == "Select" || $(ctrlId).val() == "0") {
            hasIt = false;
            $(errDisplayCtrlId).text(errMsg);
            //$(ctrlId).focus();
        }
        else {
            $(errDisplayCtrlId).text('');

        }

        return hasIt;
    }
    function fnBindMaterial(matName) {
        $.ajax({
            type: "POST",
            contentType: "application/json; charset=utf-8",
            url: "TripList.aspx/BindMaterial",
            data: "{}",
            dataType: "json",
            success: function (data) {
                $("#drpMaterial").html("");
                //$("#drpMaterial").append($("<option></option>").val('0').html('Select'));
                $.each(data.d, function (key, value) {
                    $("#drpMaterial").append($("<option></option>").val(value.dVal).html(value.dText));
                });
                $("#drpMaterial").val(matName);
            },
            error: function (result) {
                alert("Failed to load material");
            }
        });
    }
    function fnBindTruck(truckId) {
        $.ajax({
```

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```
          type: "POST",
          contentType: "application/json; charset=utf-8",
          url: "TripList.aspx/BindTruck",
          data: "{}",
          dataType: "json",
          success: function (data) {
             $("#drpTruck").html("");
             $.each(data.d, function (key, value) {
                $("#drpTruck").append($("<option></option>").val(value.dVal).html(value.dText));
             });
             $("#drpTruck").val(truckId);
          },
          error: function (result) {
             alert("Failed to load truck");
          }
      });
}
function fnBindSup(MSupplierid) {
   $.ajax({
      type: "POST",
      contentType: "application/json; charset=utf-8",
      url: "TripList.aspx/BindSup",
      data: "{}",
      dataType: "json",
      success: function (data) {
         $("#supat").html("");
         $.each(data.d, function (key, value) {
            $("#supat").append($("<option></option>").val(value.dVal).html(value.dText));
         });
         $("#supat").val(MSupplierid);
      },
      error: function (result) {
         alert("Failed to load truck");
      }
   });
}

function fnBindSupplier(supplierId) {
   $.ajax({
      type: "POST",
      contentType: "application/json; charset=utf-8",
      url: "TripList.aspx/BindSupplier",
      data: "{}",
      dataType: "json",
      success: function (data) {
         $("#drpLoadingat").html("");
         $.each(data.d, function (key, value) {
```

```javascript
        $("#drpLoadingat").append($("<option></option>").val(value.dVal).html(value.dText));
      });
      $("#drpLoadingat").val(supplierId);
    },
    error: function (result) {
      alert("Failed to load supplier");
    }
  });
}

function fnBindClient(clientId) {
  $.ajax({
    type: "POST",
    contentType: "application/json; charset=utf-8",
    url: "TripList.aspx/BindClient",
    data: "{}",
    dataType: "json",
    success: function (data) {
      $("#drpUnloadingAt").html("");
      $.each(data.d, function (key, value) {
        $("#drpUnloadingAt").append($("<option></option>").val(value.dVal).html(value.dText));
      });
      $("#drpUnloadingAt").val(clientId);
    },
    error: function (result) {
      alert("Failed to load client");
    }
  });
}
function downloadPCFile(objD) {
  //debugger;
  if (objD.childNodes[0].title == "1")
    window.location = "FileDownloadHandler.ashx?fname=" + objD.childNodes[0].innerText;
  else
    alert('file does not exists');
}

function UploadFile(ctrlName) {
  //debugger;
  var data = new FormData();
  var files = ctrlName.files;

  var fileOrder = ctrlName.title;
  // $('#hdnF')[0].value = files[0].name;
  // Add the uploaded file content to the form data collection
  if (files.length > 0) {
    data.append("UploadedFile", files[0]);
```

```
    }
    // Make Ajax request with the contentType = false, and procesDate = false

    $.ajax({
        type: "POST",
        url: "FileUploadHandler.ashx?",
        contentType:  false,
        processData: false,
        data: data,
        success: function (result) {
            console.log(result);
        },
        error: function (response) {
            alert(response.responseText);
        },
        failure: function (response) {
            alert(response.responseText);
        }
    });
}
function myFunction() {
    debugger;
    fnBindMaterial(0);
    fnBindTruck(0);
    fnBindSupplier(0);
    fnBindSup(0);
    fnBindClient(0);

    //$("#drpMaterial").val(0);
    //$("#drpTruck").val(0);
    //$("#drpLoadingat").val(0);
    //$("#drpUnloadingAt").val(0);

    $("#ctrlDate").val('');
    $("#txtDCNo").val('');
    $("#txtNetweight").val('');
    $("#txtRoyaltyCuM").val('');
    $("#txtRoyaltyNo").val('');

    $("#spanDownloadDC")[0].innerText = '';
    $("#spanDownloadDC")[0].title = '';

    $("#spanDownloadRoyaltySlip")[0].innerText = '';
    $("#spanDownloadRoyaltySlip")[0].title = '';

    $("#spanDownloadLTWeigh")[0].innerText = '';
    $("#spanDownloadLTWeigh")[0].title = '';
```
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```javascript
        $("#hidCurrentIndex").val('');
        $("#dcEdit").dialog
({
    width: 500, height: 400, resizable: false, modal: true,
    buttons: {
        "Save": function () {
            debugger;

            var isValid = true;
            if (!hasddlValue('supat', 'spansupAt', 'please select truck'))
                isvalid = false;
            if (!hasddlValue('drpTruck', 'spanTruck', 'please select truck'))
                isvalid = false;
            if (!hasddlValue('drpLoadingat', 'spanLoadingAt', 'please select loading'))
                isvalid = false;
            if (!hasddlValue('drpUnloadingAt', 'spanUnloadingat', 'please select unloading'))
                isvalid = false;
            if (!hasddlValue('drpMaterial', 'spanMaterial', 'please select material'))
                isvalid = false;
            //debugger;
            if (isValid) {
                //var curIndx = $("#hidCurrentIndex").val();
                var iObj = new TripList();
                //iObj.tripId = formDocument().lstObj()[curIndx].tripId();
                //iObj.docId = formDocument().lstObj()[curIndx].docId();
                // //drpTruck, drpMaterial, drpLoadingat, drpUnloadingAt
                iObj.MSupplierid = $("#supat").val();
                iObj.MSupplierNo = $("#supat option:selected").text();
                iObj.truckId = $("#drpTruck").val();
                iObj.TruckNo = $("#drpTruck option:selected").text();

                iObj.materialId = $("#drpMaterial").val();
                iObj.Material = $("#drpMaterial option:selected").text();

                iObj.supplierId = $("#drpLoadingat").val();
                iObj.LoadingPoint = $("#drpLoadingat option:selected").text();

                iObj.clientId = $("#drpUnloadingAt").val();
                iObj.UnloadingPoint = $("#drpUnloadingAt option:selected").text();

                iObj.cDate = $("#ctrlDate").val();
                iObj.dcno = $("#txtDCNo").val();

                iObj.netWeighMT = $("#txtNetweight").val();
                iObj.royaltyMT = $("#txtRoyaltyCuM").val();
```

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```
iObj.royaltyNo = $("#txtRoyaltyNo").val();
//debugger;
if ($("#flDC").val() == "")
   iObj.dcFile = $("#spanDownloadDC").text();
else {
   iObj.dcFile = $("#flDC").val().substr($("#flDC").val().lastIndexOf('\\') + 1);
   //$("#spanDownloadDC")[0].innerText =
$("#flDC").val().substr($("#flDC").val().lastIndexOf('\\') + 1);
}

if ($("#flRoyaltySlip").val() == "")
   iObj.royaltySlipFile = $("#spanDownloadRoyaltySlip").text();
else {
   iObj.royaltySlipFile = $("#flRoyaltySlip").val().substr($("#flRoyaltySlip").val().lastIndexOf('\\')
+ 1);
   //$("#spanDownloadRoyaltySlip")[0].innerText =
$("#flRoyaltySlip").val().substr($("#flRoyaltySlip").val().lastIndexOf('\\') + 1);
}

if ($("#flLTWeigh").val() == "")
   iObj.landTFile = $("#spanDownloadLTWeigh").text();
else {
   iObj.landTFile = $("#flLTWeigh").val().substr($("#flLTWeigh").val().lastIndexOf('\\') + 1);
   //$("#spanDownloadLTWeigh")[0].innerText =
$("#flLTWeigh").val().substr($("#flLTWeigh").val().lastIndexOf('\\') + 1);
}
iObj.currentItemIndex = 0;
iObj.docId = 0;
iObj.tripId = 0;

$.ajax({
   type: "POST",
   contentType: "application/json; charset=utf-8",
   url: "TripList.aspx/UpdateDataIntoDB",
   data: "{objCIM : " + ko.toJSON(iObj) + "},",
   dataType: "json",
   success: function (data) {
      if (data.d != "") {
         var inserted = data.d;
         if (inserted != null) {
            debugger;

            alert('saved successfully');
            location.href = "triplist.aspx";
            //$("#dcEdit").dialog("close");
            //ko.mapping.fromJS(data.d, null, formDocument().lstObj()[data.d.currentItemIndex]);
         }
```

```
                else
                    alert('failed to update');
            }
        },

        error: function (response) {
            alert(response.responseText);
        },
        failure: function (response) {
            alert(response.responseText);
        }
    });
}
return isValid;

return isValid;
    },
    "cancel": function () {

        $(this).dialog("close");
    }
}
}).prev(".ui-dialog-titlebar").css("background", "#EC6C22;");
        }
    </script>
```

DATABASE CONNECT

```
function BindTripList(startdate, enddate) {
    //debugger;
     $.ajax({
        type: "POST",
        contentType: "application/json; charset=utf-8",
        url: "TripList.aspx/bindTripList",
        data: "{'startdate':'" + startdate + "','enddate':'" + enddate + "'}",
        dataType: "json",
        success: function (data) {
            ko.mapping.fromJS(data.d, null, formDocument);
            $('#basic-btn').DataTable({
                "paging": false,
                "ordering": false,
                responsive: true
                // dom: 'Bfrtip'
                // dom: 'Bfrtip',
                //buttons: ['excel', 'pdf']
            });
```

```
            },
            error: function (response) {
                alert(response.responseText);
            },
            failure: function (response) {
                alert(response.responseText);
            }
        });
    }
    function fnBindSup(MSupplierid) {
        $.ajax({
            type: "POST",
            contentType: "application/json; charset=utf-8",
            url: "TripList.aspx/BindSup",
            data: "{}",
            dataType: "json",
            success: function (data) {
                $("#supat").html("");
                $.each(data.d, function (key, value) {
                    $("#supat").append($("<option></option>").val(value.dVal).html(value.dText));
                });
                $("#supat").val(MSupplierid);
            },
            error: function (result) {
                alert("Failed to load truck");
            }
        });
    }

    function fnBindSupplier(supplierId) {
        $.ajax({
            type: "POST",
            contentType: "application/json; charset=utf-8",
            url: "TripList.aspx/BindSupplier",
            data: "{}",
            dataType: "json",
            success: function (data) {
                $("#drpLoadingat").html("");
                $.each(data.d, function (key, value) {
                    $("#drpLoadingat").append($("<option></option>").val(value.dVal).html(value.dText));
                });
                $("#drpLoadingat").val(supplierId);
            },
            error: function (result) {
                alert("Failed to load supplier");
            }
        });
```

```
        }


BINDING PART:

public partial class TripListNew : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    [WebMethod]
    public static lstTripList bindTripList(DateTime startdate, DateTime enddate)
    {
        lstTripList objPgLstTrip = VECData.GetTripDataToEdit(startdate, enddate);
        //User oU = (User)HttpContext.Current.Session["objUser"];
        return objPgLstTrip;
    }


    [WebMethod]
    public static drpObj[] BindMaterial()
    {
        DataTable dtObj = null;
        List<drpObj> lstArea = new List<drpObj>();
        dtObj = VECData.GetResultAsTable("GetTblMaterials");

        if (dtObj != null && dtObj.Rows.Count > 0)
        {
            foreach (DataRow dtrow in dtObj.Rows)
            {
                drpObj objarea = new drpObj();
                objarea.dVal = Convert.ToString(dtrow["cId"]);
                objarea.dText = Convert.ToString(dtrow["cVal"]);
                lstArea.Add(objarea);
            }
        }

        return lstArea.ToArray();
    }
    [WebMethod]
    public static drpObj[] BindSup()
    {
        DataTable dtObj = null;
        List<drpObj> lstArea = new List<drpObj>();
        dtObj = VECData.GetResultAsTable("GetSupplierDetails");

        if (dtObj != null && dtObj.Rows.Count > 0)
```

```csharp
        {
            foreach (DataRow dtrow in dtObj.Rows)
            {
                drpObj objarea = new drpObj();
                objarea.dVal = Convert.ToString(dtrow["cId"]);
                objarea.dText = Convert.ToString(dtrow["cVal"]);
                lstArea.Add(objarea);
            }
        }

        return lstArea.ToArray();
    }
    [WebMethod]
    public static drpObj[] BindTruck()
    {
        DataTable dtObj = null;
        List<drpObj> lstArea = new List<drpObj>();
        dtObj = VECData.GetResultAsTable("GetTruckDetails");

        if (dtObj != null && dtObj.Rows.Count > 0)
        {
            foreach (DataRow dtrow in dtObj.Rows)
            {
                drpObj objarea = new drpObj();
                objarea.dVal = Convert.ToString(dtrow["cId"]);
                objarea.dText = Convert.ToString(dtrow["cVal"]);
                lstArea.Add(objarea);
            }
        }

        return lstArea.ToArray();
    }

    [WebMethod]
    public static drpObj[] BindSupplier()
    {
        DataTable dtObj = null;
        List<drpObj> lstArea = new List<drpObj>();
        dtObj = VECData.GetResultAsTable("GetLoadingAt");

        if (dtObj != null && dtObj.Rows.Count > 0)
        {
            foreach (DataRow dtrow in dtObj.Rows)
            {
                drpObj objarea = new drpObj();
                objarea.dVal = Convert.ToString(dtrow["cId"]);
                objarea.dText = Convert.ToString(dtrow["cVal"]);
```

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```
        lstArea.Add(objarea);
      }
    }

    return lstArea.ToArray();
  }

  [WebMethod]
  public static drpObj[] BindClient()
  {
    DataTable dtObj = null;
    List<drpObj> lstArea = new List<drpObj>();
    dtObj = VECData.GetResultAsTable("GetUnloadingAt");

    if (dtObj != null && dtObj.Rows.Count > 0)
    {
      foreach (DataRow dtrow in dtObj.Rows)
      {
        drpObj objarea = new drpObj();
        objarea.dVal = Convert.ToString(dtrow["cId"]);
        objarea.dText = Convert.ToString(dtrow["cVal"]);
        lstArea.Add(objarea);
      }
    }

    return lstArea.ToArray();
  }


  [WebMethod]
  public static TripList UpdateDataIntoDB(TripList objCIM)
  {
    int resD = 0;

    resD = VECData.updateTripFromUI(objCIM);

    if (objCIM.dcFile != null && objCIM.dcFile != "")
    {
      string fNDCopy = System.Configuration.ConfigurationManager.AppSettings["FileFolder"] + "\\" +
objCIM.dcFile;
      System.IO.FileInfo fODCopy = new System.IO.FileInfo(fNDCopy);
      if (fODCopy.Exists)
      {
        objCIM.dcFileExists = "1";
      }
    }
```

```csharp
    if (objCIM.royaltySlipFile != null && objCIM.royaltySlipFile != "")
    {
        string fNRSlip = System.Configuration.ConfigurationManager.AppSettings["FileFolder"] + "\\" +
objCIM.royaltySlipFile;
        System.IO.FileInfo fORSlip = new System.IO.FileInfo(fNRSlip);
        if (fORSlip.Exists)
        {
            objCIM.royaltySlipFileExists = "1";
        }
    }

    if (objCIM.landTFile != null && objCIM.landTFile != "")
    {
        string fNLaT = System.Configuration.ConfigurationManager.AppSettings["FileFolder"] + "\\" +
objCIM.landTFile;
        System.IO.FileInfo fOLaT = new System.IO.FileInfo(fNLaT);
        if (fOLaT.Exists)
        {
            objCIM.landTFileExists = "1";
        }
    }

    if (resD > 0)
        return objCIM;
    else
        return null;
    }
}
```

APPENDIX C-SAMPLE OUTPUT

ADMIN LOGIN

TRIP DETAILS

REPORT DETAILS

SITE DETAILS

VENDOR DETAILS

CREATE REPORT FILTERS

USER DETAILS