

Vehicle Service Management System

Submitted in partial fulfillment of the requirements for
the award of
Bachelor of Science degree in Computer Science

By

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DEPARTMENT OF COMPUTER SCIENCE

SCHOOL OF COMPUTING

SATHYABAMA

**INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)**

Accredited with Grade "A" by NAAC

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MARCH - 2022



SATHYABAMA

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BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of S.HARISH KUMAR(39290030) and T.KUSHAL(39290053) who carried out the project entitled "Vehicle Service Management System " under my supervision from _____ to _____.

Internal Guide

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DECLARATION

I,S.HARISH KUMAR(Reg.No.39290030) and T.KUSHAL(Reg.No.39290053) hereby declare that the Project Report entitled “ Vehicle Service Management System”done by we under the guidance of Dr.V.ULAGAMUTHALVI is submitted in partial fulfillment of the requirements for the award of Bachelor of Science degree in Computer Science.

DATE:

PLACE:CHENNAI

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to **Board of Management** of **SATHYABAMA** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

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SYNOPSIS

ABSTRACT:

This project has a Public Module and Admin Module. The Admin module is the side of the project where can the management manage all the data recorded/will be recorded on the system.

The admin can manage the list of vehicle categories that does the shop handles and other important and relative data for this project such as the mechanic list and service requests list.

On the admin side, this side can be managed by the 2 types of users which are the admin and the staff whereas the staff user has only limited. On the public side, the clients can explore the list of services does the company/shops provide.

The client can submit their service request at this side and the submitted request will be marked as pending. This simple project also generates a date-wise printable service request report.

OBJECTIVES:

To Overcome the current framework issues and diminish the time utilization of the client for overhauling their vehicle.

This application is a site that can run on any program on portable, tablet, or PC. This framework will permit clients to book the accessible time allotment.

■ The client can contact through any help focal point of the city through sites who are enrolled.

■ The application provides an auto-billing system while selecting the services themselves. So, users will have transparency of every charge.

■ To get the area of the help place, this framework will have a guide. In this way, the clients don't have to battle with the area. Clients consistently have a not insignificant rundown of inquiries for various types of perspectives

PLATFORM:

Operating Systems: Microsoft Windows

Technologies Used: ☞

Front End: #C and VB.NET ☞

Web designing language: PHP

MySQL Software Requirements:

PHP 5.0 ☞

APACHE HTTP Server ☞

Dreamweaver,FrontPage for Front End Programming ☞

Microsoft Windows or Linux

Hardware Requirements: ☞

Intel Pentium IV processor or equivalent or higher ☞

512 MB Ram or Higher 

20 GB HDD or Higher 

Network Connectivity

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CHAPTER 1

1. INTRODUCTION:

The Web will in general be the foundation of the multitude of advances. As we are moving towards the innovation driving age, the force of innovation is offering wings to individuals not exclusively to get to innovation yet additionally to satisfy every one of the necessities at their finger point. The number of vehicles in India will increment presently, it will expand the number of vehicles at the technician shop to get overhauled. The present circumstance will shape a chain at the repairman shop.

The issue of long lines and holding up can be exceptionally huge later on. The Vehicle Service System for Automobile Services is a reformist advance in the field of administration focuses and carports. Any vehicle client can utilize this site to find and speak with the help communities or carports around there, book the accessible opening with the determination of administrations required. After the booking, the client will definitely know the time that will be taken for adjusting and the charging sum.

Likewise, clients will have a FAQs to help them with any inquiries.

CHAPTER 2

2. LITERATURE SURVEY:

The survey regarding this system includes information regarding various sources. These sources include some of the websites, IEEE papers, some similar research papers, and even some project reports. A research paper called “Automobile Service Center Management System” by the author Prof. Shilpa Chavan from Pune University had been a great help in building our project in for example- modules, diagrams, literature, etc. The survey of the various websites started with keywords – “Vehicle Service System”, “Car Service System”, “Automobile Service System” etc. Which were very helpful. While analyzing, there was a website named “Gaadizo”. It is mainly located in Delhi NCR. It was developed by Vikas Mitra who was earlier a senior executive at Honda company. The Gaadizo system has different service centers for example- Noida, Gurgaon, Ghaziabad, etc. This system consisted of features like genuine part assurance, service warranty, easy tracking of the service progress, etc. Reference of above system and additions of some new features are made in the proposed system that are:

- Provides Slot bookings
- Auto Billing while selecting the services themselves.
- FAQs for any queries.
- Navigation to the located service.
- Periodic Service for vehicles.

While the survey most of the research papers/ reference paper were about “Vehicle Tracking System” which was not helpful

but then also got some amazing websites like “DreamzTech Solution”, “CarZ”, “The bike doctor” and many more, which were competitors to “Gaadizo”. The gap between the existing system and the proposed system is mainly slot booking to remove time consumption, auto-billing for transparency, FAQ for general queries, navigation services to get the exact location of the service center.

CHAPTER 3

3. MODULES

This project contains modules namely :-

User Registration,

Service Charges,

Submission module,

User Creation:-

In this module we are Registration the username ,password ,phno and vehicle no ,warranty and branch no’ are user creations.

Service Charges:-

In this module we are Registered the Customer Name, Vehicle no, Parts and Servicing Charges as well as Paying the money.

Submission Module:-

In this module the dealer is handover to the Customer and before registering the Customer name, Vehicle no and phone. Maintenance Order Registration and Warranties.

CHAPTER 4:

4. Introduction to HTML:

The hypertext markup language (HTML) is a simple markup language. Used to create a hypertext documents that are portable from one platform to another HTML documents are SGML (Standard generalized mark up language) documents with generic semantics that are appropriate for representing information from a wide range of applications. This specification defines HTML version 3.2. HTML 3.2 aims to capture recommended practice as of early '96 and as such a replacement for HTML2.0 (RFC 1866).

A set of instructions embedded in a document is called mark up language. These instructions describe what the document text means and how it should look like in a display. Hyper Text Mark Up language (HTML) is the language used to encode World Wide Web documents.

4.1 WHY TO USE HTML?

Website is a collection of pages, publications, and documents that reside on web server. While these pages publications and a document as a formatted in a single format, you should use HTML for home page and all primary pages in the site. This will enable the millions of web users can easily access and to take advantage of your website.

HTML is considered first for formatting any new material you plan to publish on the web. HTML documents are platform independent, meaning that they don't confirm to any standard. If they are created properly you can move home page to any server platform or you can access them with any complaint www browser.

4.2 STRUCTURE OF HTML:

HTML elements perform a defined task. HTML uses two types of elements

- . Empty Tags

- . Container Tags

These tags differ because of what they represent. Empty tags represent formatting constructs such as line breaks and horizontal rules. Container tags define a section of text, formats and dot all of the selected text. A container tag has both a beginning and an ending.

4.3 Front End Technology - Microsoft .NET Framework

The .NET Framework is a new computing platform that simplifies application development in the highly distributed environment of the Internet. The .NET Framework is designed to fulfill the following objectives:

- To provide a consistent object-oriented programming environment whether object code is stored and executed locally, executed locally but Internet-distributed, or executed remotely.
- To provide a code-execution environment that minimizes software deployment and versioning conflicts.
- To provide a code-execution environment that guarantees safe execution of code, including code created by an unknown or semi-trusted third party.

- To provide a code-execution environment that eliminates the performance problems of scripted or interpreted environments.
- To make the developer experience consistent across widely varying types of applications, such as Windows-based applications and Web-based applications.
- To build all communication on industry standards to ensure that code based on the .NET Framework can integrate with any other code

4.4 BACK END TECHNOLOGY: About Microsoft SQL Server 2000

Microsoft SQL Server is a Structured Query Language (SQL) based, client/server relational database. Each of these terms describes a fundamental part of the architecture of SQL Server.

Database

A database is similar to a data file in that it is a storage place for data.

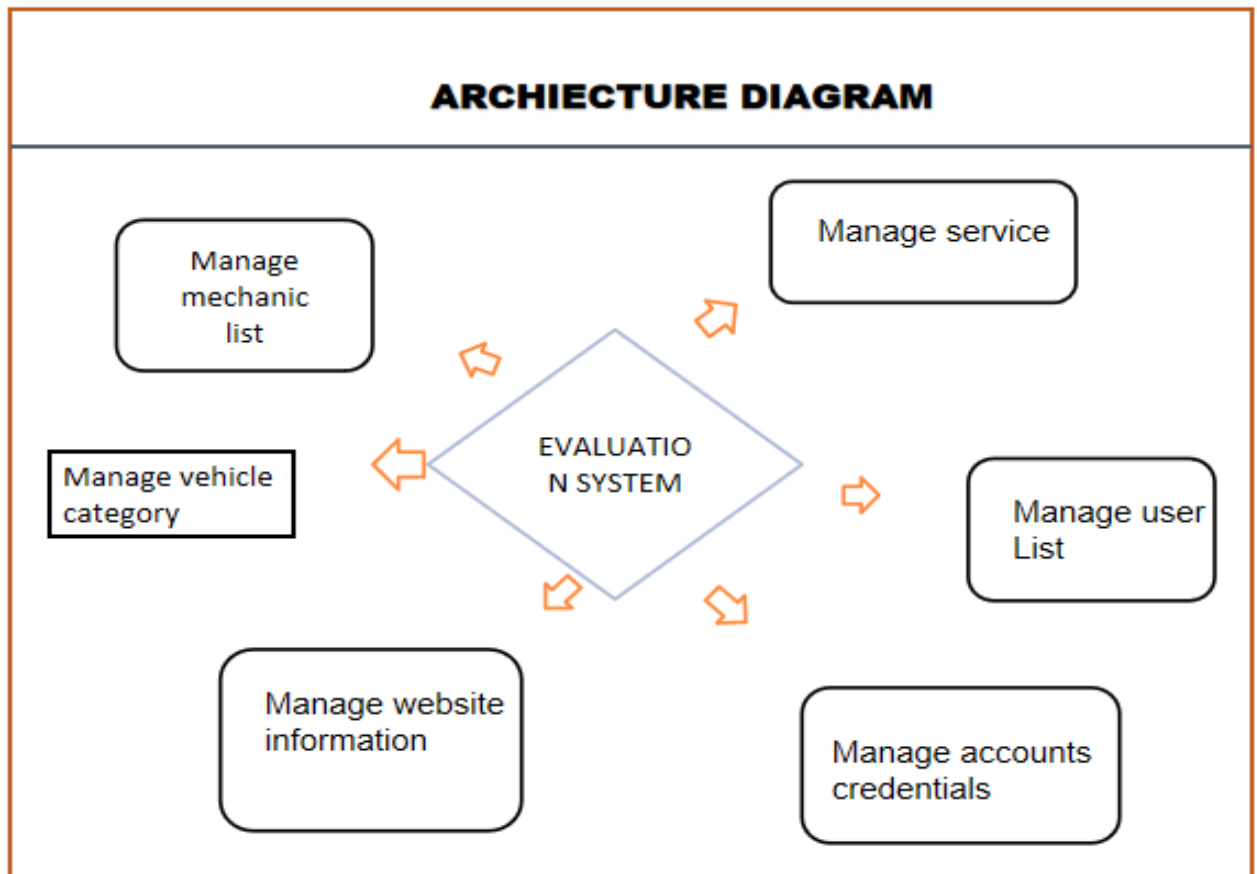
Like a data file, a database does not present information directly to a user; the user runs an application that accesses data from the database and presents it to the user in an understandable format.

A database typically has two components: the files holding the physical database and the database management system (DBMS) software that applications use to access data. The DBMS is responsible for enforcing the database structure, including:

- Maintaining the relationships between data in the database.
- Ensuring that data is stored correctly and that the rules defining data relationships are not violated.
- Recovering all data to a point of known consistency in case of system failures.

CHAPTER 5:

5.SYSTEM ARCHITRCTURE DESIGN:



CHAPTER 6 :

6.CONCLUSION :

* The proposed system is build to provide ease to customers with additional features such as pre booking of slots,auto calculation of bill and time,and a module to describe steps that undergoes during the procedure of servicing of a vehicle.

* Thus , this project can also be customized to meet your specific needs. I hope that this project will assist people in there day to day life .

6.1 REFERENCE:

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2. "Prof. Shilpa Chavan Saket Adhav, Rushikesh Gujar, Mayur Jadhav, Tushar Limbore", "Automobile Service Center Management System",

International Journal of Scientific and Research Publications, Volume 4, Issue 3, March 2014.

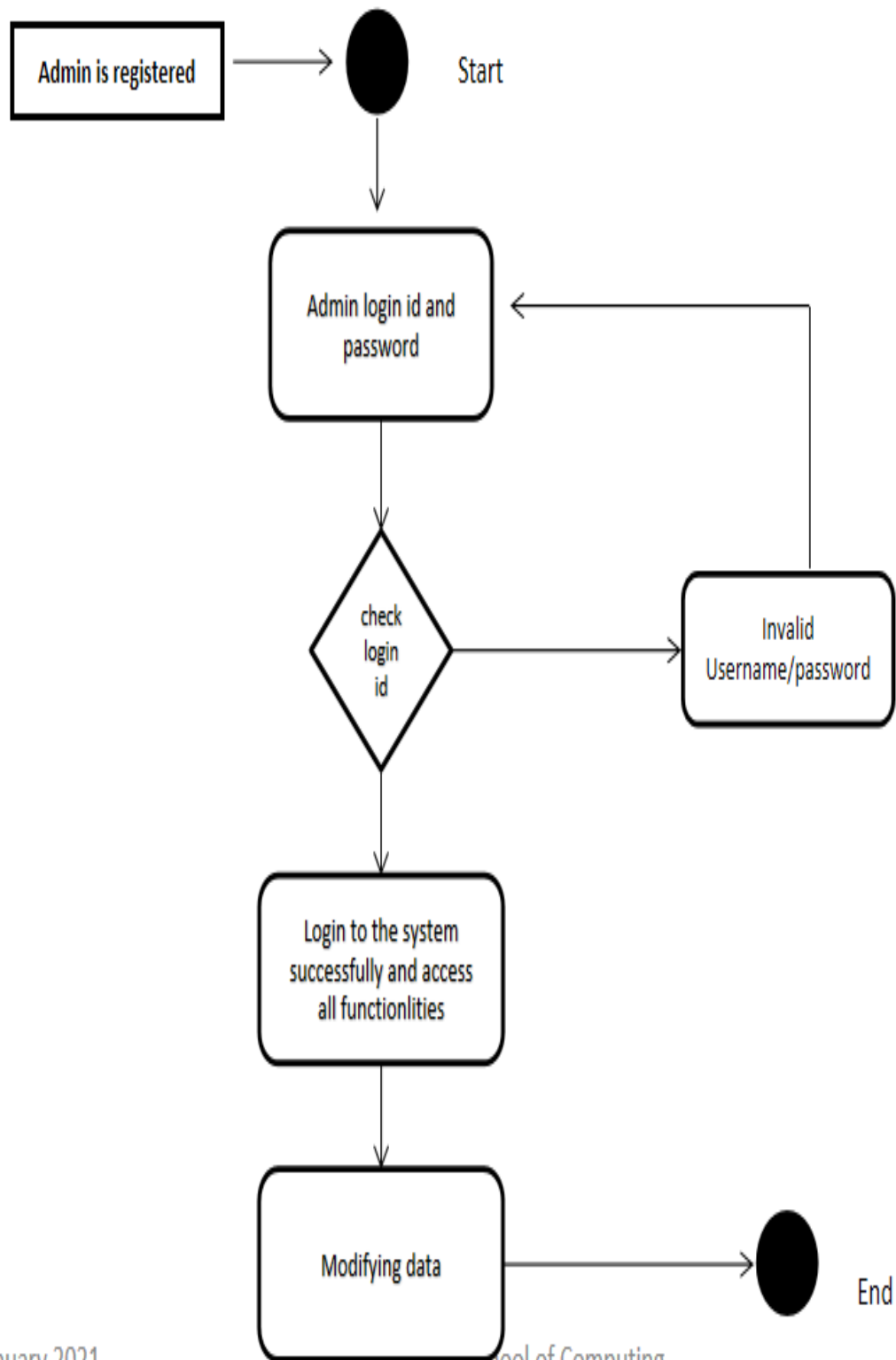
3. “Doctoral Dissertation by Jonas Kuschel”, “Vehicle Services”, Studies in Applied Information Technology, September 2009 ISSN 1652-490X;7, ISBN 978-91-628-7870-2

4. “Abraham Sudharson Ponraj, Shivang Shah, Parimal Abhishek, Deep Shrivastava”, “Vehicle Service Management and Live Monitoring With Predictive Maintenance System”, 2019 International Conference on Vision Towards Emerging

5. Trends in Communication and Networking (ViTECoN)

CHAPTER 7:

7.DATA FLOW DIAGRAM:



CHAPTER 8:

8.APPENIDICES:

8.1 SQL CODE:

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
```

```
START TRANSACTION;
```

```
SET time_zone = "+00:00";
```

```
/*!40101 SET
```

```
@OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT
```

```
*/;
```

```
/*!40101 SET
```

```
@OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESU
```

```
LTS */;
```

```
/*!40101 SET
```

```
@OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION
```

```
*/;
```

```
/*!40101 SET NAMES utf8mb4 */;
```

--

-- Database: `vehicle\_service\_db`

--

-- -----

--

-- Table structure for table `categories`

--

```
CREATE TABLE `categories` (  
  `id` int(30) NOT NULL,  
  `category` varchar(250) NOT NULL,  
  `status` tinyint(1) NOT NULL DEFAULT 1,  
  `date_created` datetime NOT NULL DEFAULT current_timestamp()  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

--

-- Dumping data for table `categories`

--

```
INSERT INTO `categories` (`id`, `category`, `status`, `date_created`)
VALUES
(1, '2 Wheeler Vehicle', 1, '2021-09-30 09:42:40'),
(2, '3 Wheeler Vehicle', 1, '2021-09-30 09:43:00'),
(3, '4 Wheeler Vehicle', 1, '2021-09-30 09:43:48'),
(4, '6 Wheeler Vehicle', 1, '2021-09-30 09:44:05');
```

--

-- Table structure for table `mechanics\_list`

--

```
CREATE TABLE `mechanics_list` (
  `id` int(30) NOT NULL,
  `name` text NOT NULL,
  `contact` varchar(50) NOT NULL,
  `email` varchar(150) NOT NULL,
  `status` tinyint(1) NOT NULL DEFAULT 1,
```

```

`date_created` datetime NOT NULL DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--

-- Dumping data for table `mechanics_list`

--

INSERT INTO `mechanics_list` (`id`, `name`, `contact`, `email`, `status`,
`date_created`) VALUES
(1, 'John Smith', '09123456789', 'jsmith@sample.com', 1, '2021-09-30
10:26:11'),
(2, 'George Wilson', '09112355799', 'gwilson@gmail.com', 1, '2021-09-30
10:30:58');

-- -----

--

-- Table structure for table `request_meta`

--

```

```
CREATE TABLE `request_meta` (  
  `request_id` int(30) NOT NULL,  
  `meta_field` text NOT NULL,  
  `meta_value` text NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
--
```

```
-- Dumping data for table `request_meta`
```

```
--
```

```
INSERT INTO `request_meta` (`request_id`, `meta_field`, `meta_value`)
```

```
VALUES
```

```
(1, 'contact', '09112355799'),
```

```
(1, 'email', 'jsmith@sample.com'),
```

```
(1, 'address', 'Sample Address'),
```

```
(1, 'vehicle_name', 'Mitsubishi Montero Sport'),
```

```
(1, 'vehicle_registration_number', 'GBN 0623'),
```

```
(1, 'vehicle_model', 'CDM-10140715'),
```

```
(1, 'service_id', '1,3,4'),
```

```
(1, 'pickup_address', 'Here St., There City, Sample Only 623');
```

--

-- Table structure for table `service\_list`

--

```
CREATE TABLE `service_list` (  
  `id` int(30) NOT NULL,  
  `service` text NOT NULL,  
  `description` text NOT NULL,  
  `status` tinyint(4) NOT NULL DEFAULT 1,  
  `date_created` datetime NOT NULL DEFAULT current_timestamp()  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

--

-- Dumping data for table `service\_list`

--

```
INSERT INTO `service_list` (`id`, `service`, `description`, `status`,  
`date_created`) VALUES
```

```
(1, 'Change Oil', '<p><span style="text-align:
```

```
justify;>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
```

```
Donec vel sapien lectus. Ut posuere, arcu eget bibendum venenatis,
```

```
quam diam interdum diam, in viverra leo quam eu mi. Sed bibendum
```

```
mauris nulla, vel vehicula libero elementum vel. Nam blandit justo justo,
```

```
dapibus sodales risus consectetur nec. Suspendisse ornare in purus et
```

```
mollis. Praesent placerat quis lectus at hendrerit. Morbi maximus dolor
```

```
dolor, a maximus mi congue quis.</span><br></p>', 1,
```

```
'2021-09-30 14:11:21'),
```

```
(2, 'Overall Checkup', '<p><span style="text-align:
```

```
justify;>Curabitur nec viverra tellus. Donec quis molestie arcu.
```

```
Sed et blandit dui, vel vehicula tortor. Vivamus fringilla sit amet nibh
```

```
fringilla ornare. Etiam iaculis ornare purus id feugiat. Etiam mattis erat ut
```

```
congue tempor. Nam placerat faucibus libero ultrices posuere. Donec ac
```

```
tempus nulla.</span><br></p>', 1, '2021-09-30 14:11:38'),
```

```
(3, 'Engine Tune up', '<p><span style="text-align:
```

```
justify;>Sed ultrices fermentum augue. Duis ultricies arcu vitae
```

```
lorem accumsan porta. Donec fermentum risus ut tincidunt cursus. Sed
```

varius id dolor et euismod. Vestibulum elit massa, varius nec arcu vel,
viverra varius dolor. Etiam fermentum vel lorem vel tincidunt. Ut nec libero
pulvinar, malesuada lacus et, tempor diam. Aliquam vitae nisl
augue.
</p>',' 1, '2021-09-30 14:12:03'),
(4, 'Tire Replacement', '<p><span style="text-align:
justify;">Nullam pretium eu justo ac tincidunt. Vestibulum quis est
non felis porttitor pretium. Vivamus nec augue ultrices, condimentum
risus vitae, pellentesque turpis. Nullam ornare est sapien, sed semper
neque imperdiet suscipit. Sed fermentum eros et felis mollis finibus. In
condimentum eleifend magna, non consequat nibh viverra nec. Nulla vel
sapien libero. Suspendisse varius nisl nec ornare
imperdiet.
</p>',' 1, '2021-09-30 14:12:24');

-- -----

--

-- Table structure for table `service\_requests`

--

CREATE TABLE `service\_requests` (

```
`id` int(30) NOT NULL,  
`owner_name` text NOT NULL,  
`category_id` int(30) NOT NULL,  
`service_type` text NOT NULL,  
`mechanic_id` int(30) DEFAULT NULL,  
`status` tinyint(1) NOT NULL DEFAULT 0,  
`date_created` datetime NOT NULL DEFAULT current_timestamp()  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
--
```

```
-- Dumping data for table `service_requests`
```

```
--
```

```
INSERT INTO `service_requests` (`id`, `owner_name`, `category_id`,  
`service_type`, `mechanic_id`, `status`, `date_created`) VALUES  
(1, 'Mike Williams', 3, 'Pick Up', 1, 2, '2021-09-30 14:48:57');
```

```
-- -----
```

```
--
```

```
-- Table structure for table `system_info`
```

```
--
```

```
CREATE TABLE `system_info` (
```

```
  `id` int(30) NOT NULL,
```

```
  `meta_field` text NOT NULL,
```

```
  `meta_value` text NOT NULL
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
--
```

```
-- Dumping data for table `system_info`
```

```
--
```

```
INSERT INTO `system_info` (`id`, `meta_field`, `meta_value`) VALUES
```

```
(1, 'name', 'Vehicle Service Management System'),
```

```
(6, 'short_name', 'VSMS - PHP'),
```

```
(11, 'logo', 'uploads/1632965940_vrs-logo.jpg'),
```

```
(13, 'user_avatar', 'uploads/user_avatar.jpg'),
```

```
(14, 'cover', 'uploads/1632965760_car-shop-clip.jpg');
```

-- -----

--

-- Table structure for table `users`

--

```
CREATE TABLE `users` (  
  `id` int(50) NOT NULL,  
  `firstname` varchar(250) NOT NULL,  
  `lastname` varchar(250) NOT NULL,  
  `username` text NOT NULL,  
  `password` text NOT NULL,  
  `avatar` text DEFAULT NULL,  
  `last_login` datetime DEFAULT NULL,  
  `type` tinyint(1) NOT NULL DEFAULT 0,  
  `date_added` datetime NOT NULL DEFAULT current_timestamp(),  
  `date_updated` datetime DEFAULT NULL ON UPDATE  
current_timestamp()  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

--

-- Dumping data for table `users`

--

```
INSERT INTO `users` (`id`, `firstname`, `lastname`, `username`,  
`password`, `avatar`, `last_login`, `type`, `date_added`, `date_updated`)
```

VALUES

```
(1, 'Adminstrator', 'Admin', 'admin',
```

```
'0192023a7bbd73250516f069df18b500',
```

```
'uploads/1624240500_avatar.png', NULL, 1, '2021-01-20 14:02:37',
```

```
'2021-06-21 09:55:07'),
```

```
(6, 'Claire', 'Blake', 'cblake', 'cd74fae0a3adf459f73bbf187607ccea',
```

```
'uploads/1632990840_ava.jpg', NULL, 2, '2021-09-30 16:34:02',
```

```
'2021-09-30 16:35:26');
```

--

-- Indexes for dumped tables

--

--

-- Indexes for table `categories`

--

ALTER TABLE `categories`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `mechanics\_list`

--

ALTER TABLE `mechanics\_list`

ADD PRIMARY KEY (`id`);

--

-- Indexes for table `request\_meta`

--

ALTER TABLE `request\_meta`

ADD KEY `request\_id` (`request\_id`);

--

-- Indexes for table `service\_list`

--

```
ALTER TABLE `service_list`  
  ADD PRIMARY KEY (`id`);
```

```
--
```

```
-- Indexes for table `service_requests`
```

```
--
```

```
ALTER TABLE `service_requests`  
  ADD PRIMARY KEY (`id`);
```

```
--
```

```
-- Indexes for table `system_info`
```

```
--
```

```
ALTER TABLE `system_info`  
  ADD PRIMARY KEY (`id`);
```

```
--
```

```
-- Indexes for table `users`
```

```
--
```

```
ALTER TABLE `users`  
  ADD PRIMARY KEY (`id`);
```

--

-- AUTO_INCREMENT for dumped tables

--

--

-- AUTO_INCREMENT for table `categories`

--

ALTER TABLE `categories`

MODIFY `id` int(30) NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=5;

--

-- AUTO_INCREMENT for table `mechanics\_list`

--

ALTER TABLE `mechanics\_list`

MODIFY `id` int(30) NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=3;

--

```
-- AUTO_INCREMENT for table `service_list`  
  
--  
  
ALTER TABLE `service_list`  
  
    MODIFY `id` int(30) NOT NULL AUTO_INCREMENT,  
  
    AUTO_INCREMENT=5;
```

```
--  
  
-- AUTO_INCREMENT for table `service_requests`  
  
--  
  
ALTER TABLE `service_requests`  
  
    MODIFY `id` int(30) NOT NULL AUTO_INCREMENT,  
  
    AUTO_INCREMENT=3;
```

```
--  
  
-- AUTO_INCREMENT for table `system_info`  
  
--  
  
ALTER TABLE `system_info`  
  
    MODIFY `id` int(30) NOT NULL AUTO_INCREMENT,  
  
    AUTO_INCREMENT=15;
```

```
--  
  
-- AUTO_INCREMENT for table `users`  
  
--  
  
ALTER TABLE `users`  
  
    MODIFY `id` int(50) NOT NULL AUTO_INCREMENT,  
  
    AUTO_INCREMENT=7;  
  
  
--  
  
-- Constraints for dumped tables  
  
--  
  
--  
  
-- Constraints for table `request_meta`  
  
--  
  
ALTER TABLE `request_meta`  
  
    ADD CONSTRAINT `request_meta_ibfk_1` FOREIGN KEY  
    (`request_id`) REFERENCES `service_requests` (`id`) ON DELETE  
    CASCADE ON UPDATE NO ACTION;  
  
COMMIT;
```

```
/*!40101 SET
```

```
CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
```

```
/*!40101 SET
```

```
CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS
```

```
*/;
```

```
/*!40101 SET
```

```
COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

8.2 CODING :

```
<!-- Navbar -->
```

```
<nav class="main-header navbar navbar-expand-md navbar-light  
navbar-white">
```

```
<div class="container">
```

```
<a href="<?php echo base_url ?>index3.html" class="navbar-brand">
```

```

```

```
<span class="brand-text font-weight-light">AdminLTE 3</span>
```

```
</a>
```

```
<button class="navbar-toggler order-1" type="button"
data-toggle="collapse" data-target="#navbarCollapse"
aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle
navigation">
```

```
<span class="navbar-toggler-icon"></span>
</button>
```

```
<div class="collapse navbar-collapse order-3" id="navbarCollapse">
<!-- Left navbar links -->
<ul class="navbar-nav">
<li class="nav-item">
<a href="index3.html" class="nav-link">Home</a>
</li>
<li class="nav-item">
<a href="#" class="nav-link">Contact</a>
</li>
<li class="nav-item dropdown">
<a id="dropdownSubMenu1" href="#" data-toggle="dropdown"
aria-haspopup="true" aria-expanded="false" class="nav-link
dropdown-toggle">Dropdown</a>
```

```

        <ul aria-labelledby="dropdownSubMenu1"
class="dropdown-menu border-0 shadow">
            <li><a href="#" class="dropdown-item">Some action </a></li>
            <li><a href="#" class="dropdown-item">Some other
action</a></li>

        <li class="dropdown-divider"></li>

        <!-- Level two dropdown-->
        <li class="dropdown-submenu dropdown-hover">
            <a id="dropdownSubMenu2" href="#" role="button"
data-toggle="dropdown" aria-haspopup="true" aria-expanded="false"
class="dropdown-item dropdown-toggle">Hover for action</a>
            <ul aria-labelledby="dropdownSubMenu2"
class="dropdown-menu border-0 shadow">
                <li>
                    <a tabindex="-1" href="#" class="dropdown-item">level
2</a>
                </li>

```

```

<!-- Level three dropdown-->

<li class="dropdown-submenu">

    <a id="dropdownSubMenu3" href="#" role="button"
data-toggle="dropdown" aria-haspopup="true" aria-expanded="false"
class="dropdown-item dropdown-toggle">level 2</a>

    <ul aria-labelledby="dropdownSubMenu3"
class="dropdown-menu border-0 shadow">

        <li><a href="#" class="dropdown-item">3rd level</a></li>

        <li><a href="#" class="dropdown-item">3rd level</a></li>

    </ul>

</li>

<!-- End Level three -->

<li><a href="#" class="dropdown-item">level 2</a></li>

<li><a href="#" class="dropdown-item">level 2</a></li>

</ul>

</li>

<!-- End Level two -->

</ul>

</li>

```


<!-- SEARCH FORM -->

<form class="form-inline ml-0 ml-md-3">

<div class="input-group input-group-sm">

<input class="form-control form-control-navbar" type="search"
placeholder="Search" aria-label="Search">

<div class="input-group-append">

<button class="btn btn-navbar" type="submit">

<i class="fas fa-search"></i>

</button>

</div>

</div>

</form>

</div>

<!-- Right navbar links -->

<ul class="order-1 order-md-3 navbar-nav navbar-no-expand
ml-auto">

<!-- Messages Dropdown Menu -->

```

<li class="nav-item dropdown">

  <a class="nav-link" data-toggle="dropdown" href="#">

    <i class="fas fa-comments"></i>

    <span class="badge badge-danger navbar-badge">3</span>

  </a>

  <div class="dropdown-menu dropdown-menu-lg
dropdown-menu-right">

    <a href="#" class="dropdown-item">

      <!-- Message Start -->

      <div class="media">

        <div class="media-body">

          <h3 class="dropdown-item-title">

            Brad Diesel

            <span class="float-right text-sm text-danger"><i class="fas
fa-star"></i></span>

          </h3>

          <p class="text-sm">Call me whenever you can...</p>

```

```
<p class="text-sm text-muted"><i class="far fa-clock
mr-1"></i> 4 Hours Ago</p>

</div>

</div>

<!-- Message End -->

</a>

<div class="dropdown-divider"></div>

<a href="#" class="dropdown-item">

<!-- Message Start -->

<div class="media">

    <div class="media-body">

        <h3 class="dropdown-item-title">

            John Pierce

            <span class="float-right text-sm text-muted"><i class="fas
fa-star"></i></span>

        </h3>

        <p class="text-sm">I got your message bro</p>
```

```
<p class="text-sm text-muted"><i class="far fa-clock
mr-1"></i> 4 Hours Ago</p>

</div>

</div>

<!-- Message End -->

</a>

<div class="dropdown-divider"></div>

<a href="#" class="dropdown-item">

<!-- Message Start -->

<div class="media">

    <div class="media-body">

        <h3 class="dropdown-item-title">

            Nora Silvester

            <span class="float-right text-sm text-warning"><i class="fas
fa-star"></i></span>

        </h3>

        <p class="text-sm">The subject goes here</p>
```

```
<p class="text-sm text-muted"><i class="far fa-clock
mr-1"></i> 4 Hours Ago</p>

</div>

</div>

<!-- Message End -->

</a>

<div class="dropdown-divider"></div>

<a href="#" class="dropdown-item dropdown-footer">See All
Messages</a>

</div>

</li>

<!-- Notifications Dropdown Menu -->

<li class="nav-item dropdown">

  <a class="nav-link" data-toggle="dropdown" href="#">

    <i class="far fa-bell"></i>

    <span class="badge badge-warning navbar-badge">15</span>

  </a>

  <div class="dropdown-menu dropdown-menu-lg
dropdown-menu-right">

    <span class="dropdown-header">15 Notifications</span>
```

<div class="dropdown-divider"></div>

<i class="fas fa-envelope mr-2"></i> 4 new messages

3 mins

<div class="dropdown-divider"></div>

<i class="fas fa-users mr-2"></i> 8 friend requests

12 hours

<div class="dropdown-divider"></div>

<i class="fas fa-file mr-2"></i> 3 new reports

2 days

<div class="dropdown-divider"></div>

See All

Notifications

</div>


```

<li class="nav-item">

    <a class="nav-link" data-widget="control-sidebar" data-slide="true"
href="#" role="button">

        <i class="fas fa-th-large"></i>

    </a>

</li>

</ul>

</div>

</nav>

<script src="<?php echo base_url
?>plugins/datatables-responsive/js/responsive.bootstrap4.min.js"></script
>

<!-- overlayScrollbars -->

<!-- <script src="<?php echo base_url
?>plugins/overlayScrollbars/js/jquery.overlayScrollbars.min.js"></script>
-->

<!-- AdminLTE App -->

<script src="<?php echo base_url ?>dist/js/adminlte.js"></script>

<div class="daterangepicker ltr show-ranges opensright">

    <div class="ranges">

```


<li data-range-key="Today">Today

<li data-range-key="Yesterday">Yesterday

<li data-range-key="Last 7 Days">Last 7 Days

<li data-range-key="Last 30 Days">Last 30 Days

<li data-range-key="This Month">This Month

<li data-range-key="Last Month">Last Month

<li data-range-key="Custom Range">Custom Range

</div>

<div class="drp-calendar left">

<div class="calendar-table"></div>

<div class="calendar-time" style="display: none;"></div>

</div>

<div class="drp-calendar right">

<div class="calendar-table"></div>

<div class="calendar-time" style="display: none;"></div>

</div>

<div class="drp-buttons"><span

class="drp-selected"><button class="cancelBtn btn btn-sm

```
btn-default" type="button">Cancel</button><button class="applyBtn btn
btn-sm btn-primary" disabled="disabled" type="button">Apply</button>
```

```
</div>
```

```
</div>
```

```
<div class="jqvmap-label" style="display: none; left: 1093.83px; top:
394.361px;">Idaho</div>
```

```
<link rel="stylesheet" href="<?php echo base_url
?>dist/css/adminlte.css">
```

```
<link rel="stylesheet" href="<?php echo base_url
?>dist/css/custom.css">
```

```
<!-- overlayScrollbars -->
```

```
<link rel="stylesheet" href="<?php echo base_url
?>plugins/overlayScrollbars/css/OverlayScrollbars.min.css">
```

```
<!-- Daterange picker -->
```

```
<link rel="stylesheet" href="<?php echo base_url
?>plugins/daterangepicker/daterangepicker.css">
```

```
<!-- summernote -->
```

```
<link rel="stylesheet" href="<?php echo base_url
?>plugins/summernote/summernote-bs4.min.css">
```

```
<!-- SweetAlert2 -->
```

```

<link rel="stylesheet" href="<?php echo base_url
?>plugins/sweetalert2-theme-bootstrap-4/bootstrap-4.min.css">

<style type="text/css">/* Chart.js */

    @keyframes
chartjs-render-animation{from{opacity:.99}to{opacity:1}}.chartjs-render-m
onitor{animation:chartjs-render-animation
1ms}.chartjs-size-monitor,.chartjs-size-monitor-expand,.chartjs-size-monit
or-shrink{position:absolute;direction:ltr;left:0;top:0;right:0;bottom:0;overflo
w:hidden;pointer-events:none;visibility:hidden;z-index:-1}.chartjs-size-mo
nitor-expand>div{position:absolute;width:1000000px;height:1000000px;le
ft:0;top:0}.chartjs-size-monitor-shrink>div{position:absolute;width:200%;h
eight:200%;left:0;top:0}

</style>

<!-- jQuery -->

<script src="<?php echo base_url
?>plugins/jquery/jquery.min.js"></script>

<!-- jQuery UI 1.11.4 -->

<script src="<?php echo base_url
?>plugins/jquery-ui/jquery-ui.min.js"></script>

```

```

<!-- SweetAlert2 -->

<script src="<?php echo base_url
?>plugins/sweetalert2/sweetalert2.min.js"></script>

<!-- Toastr -->

<script src="<?php echo base_url
?>plugins/toastr/toastr.min.js"></script>

<script>

    var _base_url_ = '<?php echo base_url ?>';

</script>

<script src="<?php echo base_url ?>dist/js/script.js"></script>


</head>

</style>

<!-- Main Sidebar Container -->

<aside class="main-sidebar sidebar-dark-primary elevation-4
sidebar-no-expand">

    <!-- Brand Logo -->

    <a href="<?php echo base_url ?>admin" class="brand-link
bg-primary text-sm">

```

```

        <span class="brand-text font-weight-light"><?php echo
$_settings->info('short_name') ?></span>

    </a>

    <!-- Sidebar -->

    <div class="sidebar os-host os-theme-light os-host-overflow
os-host-overflow-y os-host-resize-disabled os-host-transition
os-host-scrollbar-horizontal-hidden">

        <div class="os-resize-observer-host observed">

            <div class="os-resize-observer" style="left: 0px; right:
auto;"></div>

        </div>

        <div class="os-size-auto-observer observed" style="height:
calc(100% + 1px); float: left;">

            <div class="os-resize-observer"></div>

        </div>

        <div class="os-content-glue" style="margin: 0px -8px; width:
249px; height: 646px;"></div>

```

```

<div class="os-padding">

    <div class="os-viewport os-viewport-native-scrollbars-invisible"
style="overflow-y: scroll;">

        <div class="os-content" style="padding: 0px 8px; height:
100%; width: 100%;">

            <!-- Sidebar user panel (optional) -->

            <div class="clearfix"></div>

            <!-- Sidebar Menu -->

            <nav class="mt-4">

                <ul class="nav nav-pills nav-sidebar flex-column text-sm
nav-compact nav-flat nav-child-indent nav-collapse-hide-child"
data-widget="treeview" role="menu" data-accordion="false">

                    <li class="nav-item dropdown">

                        <a href="." class="nav-link nav-home">

                            <i class="nav-icon fas fa-tachometer-alt"></i>

                            <p>
                                Dashboard
                            </p>

                        </a>

                    </li>

```

```
<li class="nav-item dropdown">

  <a href="<?php echo base_url

?>admin/?page=mechanics" class="nav-link nav-mechanics">

    <i class="nav-icon fas fa-users-cog"></i>

    <p>

      Mechanic List

    </p>

  </a>

</li>

<li class="nav-item dropdown">

  <a href="<?php echo base_url

?>admin/?page=service_requests" class="nav-link

nav-service_requests">

    <i class="nav-icon fas fa-file-invoice"></i>

    <p>

      Service Requests

    </p>

  </a>

</li>

<li class="nav-item dropdown">
```

```

        <a href="<?php echo base_url ?>admin/?page=report"
class="nav-link nav-report">

        <i class="nav-icon fas fa-file"></i>

        <p>

        Report

        </p>

        </a>

    </li>

    <?php if($_settings->userdata('type') == 1): ?>

    <li class="nav-header">Maintenance</li>

    <li class="nav-item dropdown">

        <a href="<?php echo base_url
?>admin/?page=maintenance/category" class="nav-link
nav-maintenance/category">

        <i class="nav-icon fas fa-th-list"></i>

        <p>

        Category List

        </p>

        </a>

    </li>

```

```

<li class="nav-item dropdown">

    <a href="<?php echo base_url
?>admin/?page=maintenance/services" class="nav-link
nav-maintenance/services">

        <i class="nav-icon fas fa-th-list"></i>

        <p>

            Service List

        </p>

    </a>

</li>

<li class="nav-item dropdown">

    <a href="<?php echo base_url ?>admin/?page=user/list"
class="nav-link nav-user_list">

        <i class="nav-icon fas fa-users"></i>

        <p>

            User List

        </p>

    </a>

</li>

<li class="nav-item dropdown">

```

```
<a href="<?php echo base_url
?>admin/?page=system_info" class="nav-link nav-system_info">

    <i class="nav-icon fas fa-cogs"></i>

    <p>

        Settings

    </p>

</a>

</li>

<?php endif; ?>

</ul>

</nav>

<!-- /.sidebar-menu -->

</div>

</div>

</div>

<div class="os-scrollbar os-scrollbar-horizontal
os-scrollbar-unusable os-scrollbar-auto-hidden">

    <div class="os-scrollbar-track">

        <div class="os-scrollbar-handle" style="width: 100%;
transform: translate(0px, 0px);"></div>
```

</div>

</div>

<div class="os-scrollbar os-scrollbar-vertical
os-scrollbar-auto-hidden">

<div class="os-scrollbar-track">

<div class="os-scrollbar-handle" style="height: 55.017%;
transform: translate(0px, 0px);"></div>

</div>

</div>

<div class="os-scrollbar-corner"></div>

</div>

<!-- /.sidebar -->

</aside>

<script>

\$(document).ready(function(){

var page = '<?php echo isset(\$_GET['page']) ? \$_GET['page'] :
'home' ?>';

var s = '<?php echo isset(\$_GET['s']) ? \$_GET['s'] : " ?>';

page = page.split('/');

page = page[0];

```

if(s!="")

    page = page+'_'+s;

    if($('.nav-link.nav-'+page).length > 0){

        $('.nav-link.nav-'+page).addClass('active')

        if($('.nav-link.nav-'+page).hasClass('tree-item') == true){

            $('.nav-link.nav-'+page).closest('.nav-treeview').siblings('a').addClass('active')

            $('.nav-link.nav-'+page).closest('.nav-treeview').parent().addClass('menu-open')

        }

        if($('.nav-link.nav-'+page).hasClass('nav-is-tree') == true){

            $('.nav-link.nav-'+page).parent().addClass('menu-open')

        }

    }

})

```

```

</script>

<?php

if (session_status() == PHP_SESSION_NONE) {

    session_start();

}

if(isset($_SERVER['HTTPS']) && $_SERVER['HTTPS'] === 'on')

    $link = "https";

else

    $link = "http";

$link .= "://";

$link .= $_SERVER['HTTP_HOST'];

$link .= $_SERVER['REQUEST_URI'];

if(!isset($_SESSION['userdata']) && !strpos($link, 'login.php')){

    redirect('admin/login.php');

}

if(isset($_SESSION['userdata']) && strpos($link, 'login.php')){

    redirect('admin/index.php');

}

$module = array('', 'admin', 'faculty', 'student');

```

```

        if(isset($_SESSION['userdata']) && (strpos($link, 'index.php') ||
        strpos($link, 'admin/')) && $_SESSION['userdata']['login_type'] != 1){

            echo "<script>alert('Access
            Denied!');location.replace('".$_base_url.$module[$_SESSION['userdata']['lo
            gin_type']]."');</script>";

            exit;

        }

<style>

.user-img{

    position: absolute;

    height: 27px;

    width: 27px;

    object-fit: cover;

    left: -7%;

    top: -12%;

}

.btn-rounded{

    border-radius: 50px;

}

</style>

```

```

<!-- Navbar -->

<nav class="main-header navbar navbar-expand navbar-dark
border border-light border-top-0 border-left-0 border-right-0 navbar-light
text-sm">

    <!-- Left navbar links -->

    <ul class="navbar-nav">

        <li class="nav-item">

            <a class="nav-link" data-widget="pushmenu" href="#"
role="button"><i class="fas fa-bars"></i></a>

        </li>

        <li class="nav-item d-none d-sm-inline-block">

            <a href="<?php echo base_url ?>" class="nav-link"><?php
echo (!isMobileDevice()) ?
$_settings->info('name');$_settings->info('short_name'); ?> - Admin</a>

        </li>

    </ul>

    <!-- Right navbar links -->

    <ul class="navbar-nav ml-auto">

        <!-- Navbar Search -->

        <!-- <li class="nav-item">

```

```
<a class="nav-link" data-widget="navbar-search" href="#"
role="button">

  <i class="fas fa-search"></i>

</a>

<div class="navbar-search-block">

  <form class="form-inline">

    <div class="input-group input-group-sm">

      <input class="form-control form-control-navbar"
type="search" placeholder="Search" aria-label="Search">

      <div class="input-group-append">

        <button class="btn btn-navbar" type="submit">

          <i class="fas fa-search"></i>

        </button>

        <button class="btn btn-navbar" type="button"
data-widget="navbar-search">

          <i class="fas fa-times"></i>

        </button>

      </div>

    </div>

  </form>
```

```

</div>

</li> -->

<!-- Messages Dropdown Menu -->

<li class="nav-item">

    <div class="btn-group nav-link">

        <button type="button" class="btn btn-rounded badge
badge-light dropdown-toggle dropdown-icon" data-toggle="dropdown">

            <span></span>

                <span class="ml-3"><?php echo
ucwords($_settings->userdata('firstname')).'
'.$_settings->userdata('lastname')) ?></span>

                <span class="sr-only">Toggle Dropdown</span>

            </button>

            <div class="dropdown-menu" role="menu">

                <a class="dropdown-item" href="<?php echo
base_url.'admin/?page=user' ?>"><span class="fa fa-user"></span> My
Account</a>

                <div class="dropdown-divider"></div>

```

```
<a class="dropdown-item" href="<?php echo
base_url.'/classes/Login.php?f=logout' ?>"><span class="fas
fa-sign-out-alt"></span> Logout</a>
```

```
</div>
```

```
</div>
```

```
</li>
```

```
<li class="nav-item">
```

```
</li>
```

```
<!-- <li class="nav-item">
```

```
<a class="nav-link" data-widget="control-sidebar"
data-slide="true" href="#" role="button">
```

```
<i class="fas fa-th-large"></i>
```

```
</a>
```

```
</li> -->
```

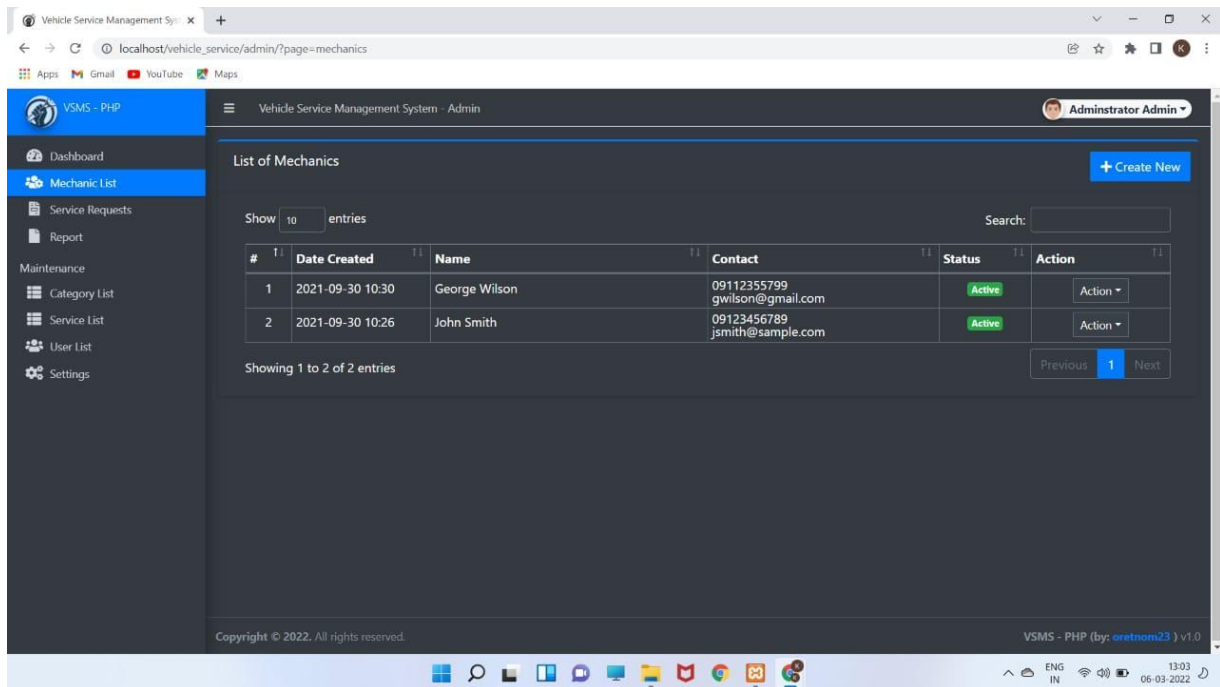
```
</ul>
```

```
</nav>
```

```
<!-- /.navbar -->
```

CHAPTER 9:

9.SCREEN SHOTS:



Vehicle Service Management System - Admin

Administrator Admin

List of Service Requests

+ Create New

Show 10 entries Search:

#	Date Created	Client Name	Service	Status	Action
1	2021-09-30 14:48	Mike Williams	Change Oil, Engine Tune up, Tire Replacement	On-progress	Action

Showing 1 to 1 of 1 entries

Previous 1 Next

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Vehicle Service Management System - Admin

Administrator Admin

List of Categories

+ Create New

Show 10 entries Search:

#	Date Created	Category	Status	Action
1	2021-09-30 09:42	2 Wheeler Vehicle	Active	Action
2	2021-09-30 09:43	3 Wheeler Vehicle	Active	Action
3	2021-09-30 09:43	4 Wheeler Vehicle	Active	Action
4	2021-09-30 09:44	6 Wheeler Vehicle	Active	Action

Showing 1 to 4 of 4 entries

Previous 1 Next

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Vehicle Service Management Sys

localhost/vehicle_service/admin/?page=maintenance/services

Apps

Gmail

YouTube

Maps

VSMS - PHP

Dashboard

Mechanic List

Service Requests

Report

Maintenance

Category List

Service List

User List

Settings

Vehicle Service Management System - Admin

Administrator Admin

List of Services

+ Create New

Show 10 entries

Search:

#	Date Created	Service Name	Description	Status	Action
1	2021-09-30 14:11	Change Oil	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec vel sapien lectus. Ut posuere, arcu eget bibendum venenatis, quam diam interdum diam, in viverra leo quam eu mi. Sed...	Active	Action
2	2021-09-30 14:12	Engine Tune up	Sed ultrices fermentum augue. Duis ultricies arcu vitae lorem accumsan porta. Donec fermentum risus ut tincidunt cursus. Sed varius id dolor et euismod. Vestibulum elit massa, varius...	Active	Action
3	2021-09-30 14:11	Overall Checkup	Curabitur nec viverra tellus. Donec quis molestie arcu. Sed et blandit dui, vel vehicula tortor. Vivamus fringilla sit amet nibh fringilla ornare. Etiam laculis ornare purus id feugiat. Etiam...	Active	Action
4	2021-09-30 14:12	Tire Replacement	Nullam pretium eu justo ac tincidunt. Vestibulum quis est non felis porttitor pretium. Vivamus nec augue ultrices, condimentum risus vitae, pellentesque turpis. Nullam ornare...	Active	Action

Showing 1 to 4 of 4 entries

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Next

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