

Car Selling Portal

Mini Project Report

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BONAFIDE

Certified that this Mini project report titled "**Car Selling Portal**" for the course **18CSC311J – WEB DESIGN AND DEVELOPMENT LABORATORY** is the bonafide work of **B V N Rahul (RA2111028010192), I Sai Sri Teja (RA2111028010170)** who undertook the task of completing the project within the allotted time.

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Abstract

Car Selling Portal is a state-of-the-art web application designed to transform the online car sales landscape. This project aims to develop a dynamic platform that simplifies the process of buying and selling vehicles through intuitive web-based interactions. The portal will provide a user-friendly interface accessible across multiple devices, ensuring seamless navigation and engagement for both sellers and buyers. With a focus on modern web development practices, Car Selling Portal will offer an immersive experience that enhances the car trading process.

Sellers will find it effortless to list their vehicles on the Car Selling Portal, with a straightforward form to input essential details such as make, model, year, mileage, and price. Advanced uploading functionalities will enable sellers to showcase their vehicles through high-resolution images and videos. The portal will utilize intelligent algorithms to match listings with potential buyers, enhancing visibility and engagement. Moreover, features like price suggestions and market analysis will empower sellers to optimize their listings for maximum exposure and competitive pricing.

For buyers, Car Selling Portal will provide a comprehensive search engine with robust filtering options to narrow down choices based on preferences such as price range, make, model, and location. Detailed vehicle descriptions, including specifications and history reports, will empower buyers to make informed decisions. The portal will also facilitate communication between buyers and sellers through a built-in messaging system, fostering negotiation and clarification of details. With secure payment processing and escrow services, Car Selling Portal will ensure a safe and reliable transaction environment, positioning itself as the go-to platform for online car sales.

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CHAPTER 1

INTRODUCTION

In this chapter, we have given a description of the web application along with examples of existing web applications based on similar concepts and our project objectives.

1.1 About the Web Application

Creating a web application for a car selling portal offers an opportunity to design a comprehensive platform that facilitates seamless interactions between car buyers and sellers. The homepage serves as the gateway, featuring a search bar for easy access to desired car models. Featured listings catch the eye, showcasing popular or new arrivals, while categories like Sedans, SUVs, and Trucks aid in effortless browsing. Clear call-to-action buttons prompt users to explore listings or sign up, initiating their journey through the portal.

User authentication is a vital aspect, ensuring a secure environment. Users can sign up or log in via email, social media accounts, or Google. Once logged in, they can manage their profiles, update information, and oversee their listings. The heart of the portal lies in its car listings, each offering detailed information about make, model, year, mileage, price, and features. Multiple images of the car provide a comprehensive view, while search filters help refine results based on various criteria like make, model, price range, and mileage.

Individual car detail pages provide deeper insights, with image galleries, descriptions, and contact options to reach the seller for inquiries or test drives. Similar listings help users explore alternatives. Sellers benefit from a dedicated dashboard where they can add, edit, or manage their listings, along with accessing messages from potential buyers. An admin panel oversees the portal's operations, managing user accounts, moderating content, and generating reports on user activity and sales.

Additional features enrich the user experience, such as saved listings for favourites, notifications for new listings or price changes, and map integration for location-based searches. A loan calculator aids in financial planning, while reviews and ratings provide valuable feedback on sellers. Responsive design ensures accessibility across devices, while stringent security measures protect user data and prevent fraud. SEO optimization enhances visibility, attracting organic traffic and ensuring the portal's success in the competitive online marketplace.

1.2 Existing Web Applications

Some of the features of the existing web application are:

User Authentication

- 1.Sign up/Login: Users can create accounts or log in using email, social media, or Google accounts.
- 2.Profile Management: Users can edit profiles, change passwords, and manage preferences.

Car Listings

- 1.Detailed Listings: Each listing includes make, model, year, mileage, price, features, and multiple images.
- 2.Search Filters: Users can refine searches by make, model, price range, mileage, location, etc.
- 3.Sorting Options: Listings can be sorted by price, mileage, year, etc.

Homepage

- 1.Search Bar: Allows users to quickly search for cars.
- 2.Featured Listings: Highlights popular or new listings.
- 3.Categories: Allows users to browse cars by category, such as Sedans, SUVs, Trucks,..
- 4.Call to Action (CTA): Buttons encourage users to explore listings or sign up.

Car Details Page

- 1.Images Gallery: Multiple images of the car.
- 2.Description: Detailed information about the car, including features, condition, history, etc.
- 3.Contact Seller: Option to contact the seller for inquiries or scheduling a test drive.
- 4.Similar Listings: Display similar cars based on make, model, or price range.

Seller Dashboard

- 1.Add/Edit Listings: Form to add new listings or edit existing ones, including uploading images and providing details.
- 2.Manage Listings: View, edit, or delete existing listings.
- 3.Inbox: Access messages from potential buyers and respond to inquiries.

1.2 Drawbacks of existing application

Limited Search and Filtering Options: The existing application might have limited search and filtering options, making it challenging for users to find specific cars or refine their searches effectively.

Complex User Interface: The user interface might be complex or cluttered, making it difficult for users to navigate the application and find what they need easily.

Ineffective Sorting Mechanisms: Sorting mechanisms might be ineffective or limited, hindering users from sorting listings based on relevant criteria such as price, mileage, or year.

Lack of Personalization: The application may lack personalization features, such as customized recommendations or saved searches, which can enhance the user experience and engagement.

1.3 Project Objectives

Here are some project objectives for improving a car selling application:

Enhanced User Experience: Improve user interface and navigation to make it intuitive and user-friendly. Implement responsive design to ensure compatibility across various devices.

Expanded Search and Filtering Options: Enhance search functionality with advanced filters for make, model, price range, mileage, etc. Implement sorting options for listings based on relevance, price, mileage, and other criteria.

Improved Listing Quality: Encourage sellers to provide high-quality images and comprehensive descriptions for listings.

Personalization Features: Introduce features like saved searches, favorite listings, and personalized recommendations to enhance user engagement.

Enhanced Communication Tools: Improve communication channels between buyers and sellers, such as real-time messaging or chat features.

CHAPTER 2

SYSTEM ARCHITECTURE

The chapter illustrates the web application's system architecture, accompanied by the use case and activity diagrams. It outlines the structural and behavioral aspects of the system, providing a comprehensive overview of its design and functionality.

2.1 System Architecture

System architecture for a car selling portal involves designing scalable databases to manage car listings, user information, and transactions securely. It integrates front-end frameworks for user-friendly interfaces and back-end systems for data processing and communication with external services. Implementing cloud-based infrastructure ensures high availability and performance, facilitating seamless browsing, buying, and selling experiences for users.

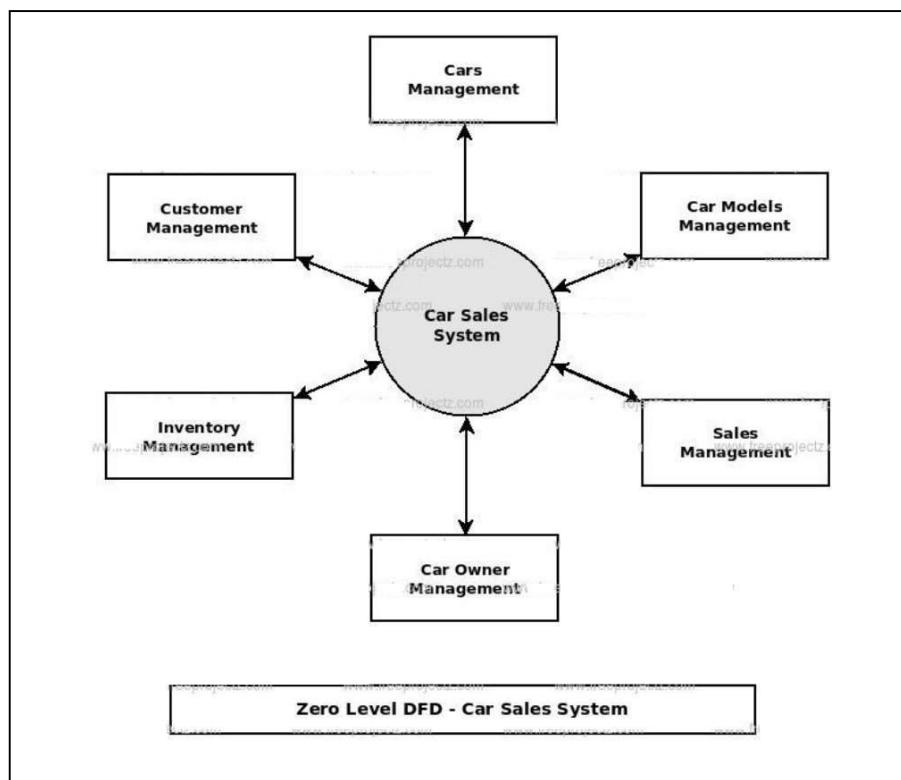


Figure 2.1: System architecture diagram

2.2 Use Case Diagram

A use case diagram for a car selling portal illustrates interactions between actors (users, admins) and the system. It showcases scenarios like browsing cars, adding to cart, and making purchases, helping visualize the system's functionalities. By mapping user actions and system responses, it aids in understanding the portal's behavior and requirements for development.

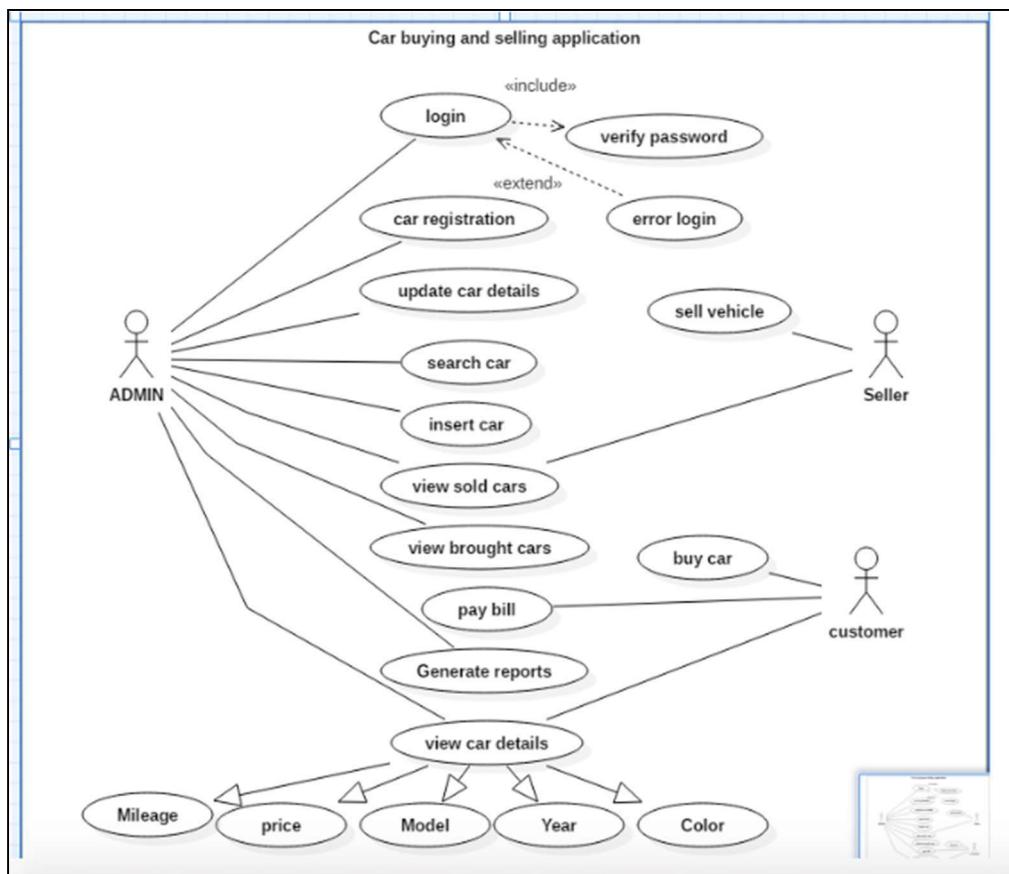


Figure 2.2: Use-case diagram

2.3 Activity Diagram

An activity diagram for a car selling portal depicts various actions and workflows within the system. It outlines processes such as user registration, car listing creation, and purchase transactions. By detailing the flow of activities from start to finish, it clarifies the steps involved in using the portal, ensuring efficient navigation and operation.

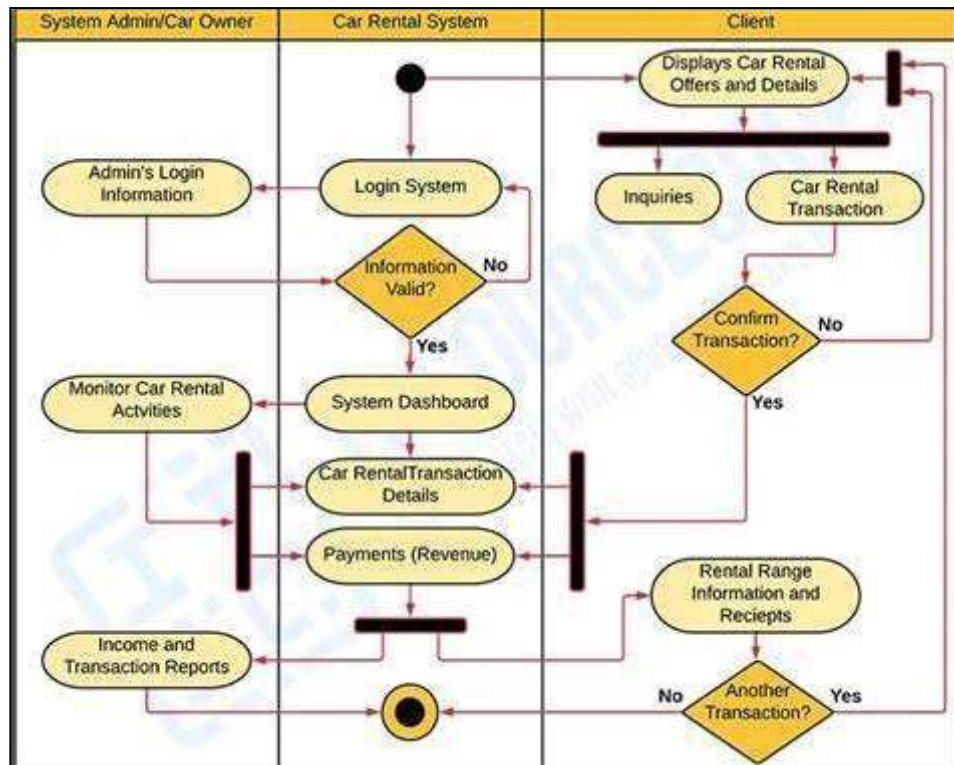


Figure 2.3: Activity diagram

CHAPTER 3

WEBSITE FRONTEND IMPLEMENTATION

In this chapter, we have mentioned the tools that were used for the front-end implementation along with the codes in the languages used

3.1 Tools used

1. HTML: The foundation for structuring web content, allowing developers to define the layout and hierarchy of elements within a webpage.
2. CSS: Enables the styling and presentation of HTML elements, providing control over colors, fonts, layouts, and other visual aspects to enhance user experience.
3. JavaScript: Adds interactivity and dynamic functionality to web pages, allowing for client-side scripting to handle user interactions and manipulate page elements.
4. Bootstrap: A front-end framework that streamlines web development by offering predesigned templates, components, and utilities for creating responsive and aesthetically pleasing interfaces across devices.

3.2 Web Page Design

User Side

Index.php

```
<?php
session_start();
include('includes/config.php');
error_reporting(0);
?>
<!DOCTYPE HTML>
<html lang="en">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width,initial-scale=1">
<meta name="keywords" content="">
<meta name="description" content="">
<title>Car Sale Portal</title>
<!--Bootstrap -->
<link rel="stylesheet" href="assets/css/bootstrap.min.css" type="text/css">
<link rel="stylesheet" href="assets/css/style.css" type="text/css">
<link rel="stylesheet" href="assets/css/owl.carousel.css" type="text/css">
<link rel="stylesheet" href="assets/css/owl.transitions.css" type="text/css">
<link href="assets/css/slick.css" rel="stylesheet">
<link href="assets/css/bootstrap-slider.min.css" rel="stylesheet">
```

```

<link href="assets/css/font-awesome.min.css" rel="stylesheet">
    <link rel="stylesheet" id="switcher-css" type="text/css" href="assets/switcher/css/switcher.css"
media="all" />
    <link rel="alternate stylesheet" type="text/css" href="assets/switcher/css/red.css" title="red"
media="all" data-default-color="true" />
    <link rel="alternate stylesheet" type="text/css" href="assets/switcher/css/orange.css" title="orange"
media="all" />
    <link rel="alternate stylesheet" type="text/css" href="assets/switcher/css/blue.css" title="blue"
media="all" />
    <link rel="alternate stylesheet" type="text/css" href="assets/switcher/css/pink.css" title="pink"
media="all" />
    <link rel="alternate stylesheet" type="text/css" href="assets/switcher/css/green.css" title="green"
media="all" />
    <link rel="alternate stylesheet" type="text/css" href="assets/switcher/css/purple.css" title="purple"
media="all" />
<link rel="apple-touch-icon-precomposed" sizes="144x144" href="assets/images/favicon-icon/apple-
touch-icon-144-precomposed.png">
<link rel="apple-touch-icon-precomposed" sizes="114x114" href="assets/images/favicon-icon/apple-
touch-icon-114-precomposed.html">
<link rel="apple-touch-icon-precomposed" sizes="72x72" href="assets/images/favicon-icon/apple-
touch-icon-72-precomposed.png">
<link rel="apple-touch-icon-precomposed" href="assets/images/favicon-icon/apple-touch-icon-57-
precomposed.png">
<link rel="shortcut icon" href="assets/images/favicon-icon/favicon.png">
<link href="https://fonts.googleapis.com/css?family=Lato:300,400,700,900" rel="stylesheet">
</head>
<body>
<!-- Start Switcher -->
<?php include('includes/colorswitcher.php');?>
<!-- /Switcher -->
<!--Header-->
<?php include('includes/header.php');?>
<!-- /Header -->
<!-- Banners -->
<section id="banner" class="banner-section">
    <div class="container">
        <div class="div_zindex">
            <div class="row">
                <div class="col-md-5 col-md-push-7">
                    <div class="banner_content">
                        <h1>Find the right car for you.</h1>
                        <p>We have more than a thousand cars for you to choose. </p>
                        <a href="#" class="btn">Read More <span class="angle_arrow"><i class="fa fa-angle-right" aria-hidden="true"></i></span></a> </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

</section>
<!-- /Banners -->
<!-- Resent Cat-->
<section class="section-padding gray-bg">
<div class="container">
<div class="section-header text-center">
<h2>Find the Best <span>CarForYou</span></h2>
<p>There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text.</p>
</div>
<div class="row">
<!-- Nav tabs -->
<div class="recent-tab">
<ul class="nav nav-tabs" role="tablist">
<li role="presentation" class="active"><a href="#resentnewcar" role="tab" data-toggle="tab">New Car</a></li>
</ul>
</div>
<!-- Recently Listed New Cars -->
<div class="tab-content">
<div role="tabpanel" class="tab-pane active" id="resentnewcar">
<?php
$sql = "SELECT
tblvehicles.VehiclesTitle, tblbrands.BrandName, tblvehicles.PricePerDay, tblvehicles.FuelType, tblvehicles.ModelYear, tblvehicles.id, tblvehicles.SeatingCapacity, tblvehicles.VehiclesOverview, tblvehicles.Vimage1
from tblvehicles
join tblbrands
on tblbrands.id=tblvehicles.VehiclesBrand";
$query = $dbh -> prepare($sql);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $result)
{
?>
<div class="col-list-3">
<div class="recent-car-list">
<div class="car-info-box">
<a href="vehical-details.php?vhid=<?php echo htmlentities($result->id);?>"></a>
<ul>
<li><i class="fa fa-car" aria-hidden="true"></i><?php echo htmlentities($result->FuelType);?></li>
<li><i class="fa fa-calendar" aria-hidden="true"></i><?php echo htmlentities($result->ModelYear);?> Model</li>
<li><i class="fa fa-user" aria-hidden="true"></i><?php echo htmlentities($result->SeatingCapacity);?> seats</li>
</ul>

```

```

</div>
<div class="car-title-m">
<h6><a href="vehical-details.php?vhid=<?php echo htmlentities($result->id);?>"><?php echo htmlentities($result->BrandName);?> , <?php echo htmlentities($result->VehiclesTitle);?></a></h6>
<span class="price">$<?php echo htmlentities($result->PricePerDay);?></span>
</div>
<div class="inventory_info_m">
<p><?php echo substr($result->VehiclesOverview,0,70);?></p>
</div>
</div>
</div>
<?php } }?
</div>
</div>
</div>
</div>
</section>
<!-- /Resent Cat -->
<!-- Fun Facts-->
<section class="fun-facts-section">
<div class="container div_zindex">
<div class="row">
<div class="col-lg-3 col-xs-6 col-sm-3">
<div class="fun-facts-m">
<div class="cell">
<h2><i class="fa fa-calendar" aria-hidden="true"></i>40+</h2>
<p>Years In Business</p>
</div>
</div>
</div>
<div class="col-lg-3 col-xs-6 col-sm-3">
<div class="fun-facts-m">
<div class="cell">
<h2><i class="fa fa-car" aria-hidden="true"></i>1200+</h2>
<p>New Cars For Sale</p>
</div>
</div>
</div>
<div class="col-lg-3 col-xs-6 col-sm-3">
<div class="fun-facts-m">
<div class="cell">
<h2><i class="fa fa-car" aria-hidden="true"></i>1000+</h2>
<p>Used Cars For Sale</p>
</div>
</div>
</div>
<div class="col-lg-3 col-xs-6 col-sm-3">
<div class="fun-facts-m">
<div class="cell">

```

```

<h2><i class="fa fa-user-circle-o" aria-hidden="true"></i>600+</h2>
<p>Satisfied Customers</p>
</div>
</div>
</div>
</div>
</div>
<!-- Dark Overlay-->
<div class="dark-overlay"></div>
</section>
<!-- /Fun Facts-->
<!--Testimonial -->
<section class="section-padding testimonial-section parallax-bg">
<div class="container div_zindex">
<div class="section-header white-text text-center">
<h2>Our Satisfied <span>Customers</span></h2>
</div>
<div class="row">
<div id="testimonial-slider">
<?php
$tid=1;
$sql = "SELECT tbltestimonial.Testimonial,tblusers.FullName from tbltestimonial join tblusers on
tbltestimonial.UserEmail=tblusers.EmailId where tbltestimonial.status=:tid";
$query = $dbh -> prepare($sql);
$query->bindParam(':tid',$tid, PDO::PARAM_STR);
$query->execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
$cnt=1;
if($query->rowCount() > 0)
{
foreach($results as $result)
{ ?>
<div class="testimonial-m">
<div class="testimonial-img">  </div>
<div class="testimonial-content">
<div class="testimonial-heading">
<h5><?php echo htmlentities($result->FullName);?></h5>
<p><?php echo htmlentities($result->Testimonial);?></p>
</div>
</div>
</div>
<?php }?
</div>
</div>
<!-- Dark Overlay-->
<div class="dark-overlay"></div>
</section>

```

```

<!-- /Testimonial-->
<!--Footer -->
<?php include('includes/footer.php');?>
<!-- /Footer-->
<!--Back to top-->
<div id="back-top" class="back-top"> <a href="#top"><i class="fa fa-angle-up" aria-hidden="true"></i> </a> </div>
<!--/Back to top-->
<!--Login-Form -->
<?php include('includes/login.php');?>
<!--/Login-Form -->
<!--Register-Form -->
<?php include('includes/registration.php');?>
<!--/Register-Form -->
<!--Forgot-password-Form -->
<?php include('includes/forgotpassword.php');?>
<!--Forgot-password-Form -->
<!-- Scripts -->
<script src="assets/js/jquery.min.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
<script src="assets/js/interface.js"></script>
<!--Switcher-->
<script src="assets/switcher/js/switcher.js"></script>
<!--bootstrap-slider-JS-->
<script src="assets/js/bootstrap-slider.min.js"></script>
<!--Slider-JS-->
<script src="assets/js/slick.min.js"></script>
<script src="assets/js/owl.carousel.min.js"></script>
</body>
<!-- Mirrored from themes.webmasterdriver.net/carforyou/demo/index.html by HTTrack Website Copier/3.x [XR&CO'2014], Fri, 16 Jun 2017 07:22:11 GMT -->
</html>

```

Login.php

```

<?php
if(isset($_POST['login']))
{
$email=$_POST['email'];
$password=md5($_POST['password']);
$sql ="SELECT EmailId,Password,FullName FROM tblusers WHERE EmailId=:email and Password=:password";
$query= $dbh -> prepare($sql);
$query-> bindParam(':email', $email, PDO::PARAM_STR);
$query-> bindParam(':password', $password, PDO::PARAM_STR);
$query-> execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);

```

```

if($query->rowCount() > 0)
{
$_SESSION['login']=$_POST['email'];
$_SESSION['fname']=$results->FullName;
$currentpage=$_SERVER['REQUEST_URI'];
echo "<script type='text/javascript'> document.location = '$currentpage'; </script>";
} else{
echo "<script>alert('Invalid Details');</script>";
}
}
?>

<div class="modal fade" id="loginform">
<div class="modal-dialog" role="document">
<div class="modal-content">
<div class="modal-header">
<button type="button" class="close" data-dismiss="modal" aria-label="Close"><span aria-hidden="true">&times;</span></button>
<h3 class="modal-title">Login</h3>
</div>
<div class="modal-body">
<div class="row">
<div class="login_wrap">
<div class="col-md-12 col-sm-6">
<form method="post">
<div class="form-group">
<input type="email" class="form-control" name="email" placeholder="Email address*" />
</div>
<div class="form-group">
<input type="password" class="form-control" name="password" placeholder="Password*" />
</div>
<div class="form-group checkbox">
<input type="checkbox" id="remember" />
</div>
<div class="form-group">
<input type="submit" name="login" value="Login" class="btn btn-block" />
</div>
</form>
</div>
</div>
</div>
</div>
<div class="modal-footer text-center">
<p>Don't have an account? <a href="#signupform" data-toggle="modal" data-dismiss="modal">Signup Here</a></p>
<p><a href="#forgotpassword" data-toggle="modal" data-dismiss="modal">Forgot Password ?</a></p>
</div>

```

```

</div>
</div>
</div>

header.php
<header>
<div class="default-header">
<div class="container">
<div class="row">
<div class="col-sm-9 col-md-10">
<div class="header_info">
<div class="header_widgets">
<div class="circle_icon"><i class="fa fa-envelope" aria-hidden="true"></i></div>
<p class="uppercase_text">For Support Mail us :</p>
<a href="mailto:info@example.com">srmist@gmail.com</a></div>
<div class="header_widgets">
<div class="circle_icon"><i class="fa fa-phone" aria-hidden="true"></i></div>
<p class="uppercase_text">Service Helpline Call Us:</p>
<a href="tel:61-1234-5678-09">+91-9876543210</a></div>
<div class="social-follow">
<ul>
<li><a href="https://code-projects/"><i class="fa fa-facebook-square" aria-hidden="true"></i></a></li>
<li><a href="https://code-projectsrg/"><i class="fa fa-twitter-square" aria-hidden="true"></i></a></li>
<li><a href="https://code-projectcrg/"><i class="fa fa-linkedin-square" aria-hidden="true"></i></a></li>
<li><a href="https://code-projectsorg/"><i class="fa fa-google-plus-square" aria-hidden="true"></i></a></li>
<li><a href="https://code-projectorg/"><i class="fa fa-instagram" aria-hidden="true"></i></a></li>
</ul>
</div>
<?php if(strlen($_SESSION['login'])==0)
{
?>
<div class="login_btn"> <a href="#loginform" class="btn btn-xs uppercase" data-toggle="modal" data-dismiss="modal">Login / Register</a></div>
<?php }
else{
echo "Welcome To Car Sale portal";
?>
</div>
</div>
</div>
</div>
<!-- Navigation -->
<nav id="navigation_bar" class="navbar navbar-default">
<div class="container">
<div class="navbar-header">

```

```

        <button id="menu_slide" data-target="#navigation" aria-expanded="false" data-toggle="collapse"
class="navbar-toggle collapsed" type="button"> <span class="sr-only">Toggle navigation</span> <span
class="icon-bar"></span> <span class="icon-bar"></span> <span class="icon-bar"></span> </button>
</div>
<div class="header_wrap">
<div class="user_login">
<ul>
    <li class="dropdown"><a href="#" data-toggle="dropdown" aria-haspopup="true" aria-
expanded="false"><i class="fa fa-user-circle" aria-hidden="true"></i>
    <?php
    $email=$_SESSION['login'];
    $sql ="SELECT FullName FROM tblusers WHERE EmailId=:email ";
    $query= $dbh -> prepare($sql);
    $query-> bindParam(':email', $email, PDO::PARAM_STR);
    $query-> execute();
    $results=$query->fetchAll(PDO::FETCH_OBJ);
    if($query->rowCount() > 0)
    {
    foreach($results as $result)
    {
        echo htmlentities($result->FullName); }}?><i class="fa fa-angle-down" aria-hidden="true"></i></a>
        <ul class="dropdown-menu">
        <?php if($_SESSION['login']){?>
            <li><a href="profile.php">Profile Settings</a></li>
            <li><a href="update-password.php">Update Password</a></li>
            <li><a href="my-booking.php">My Booking</a></li>
            <li><a href="post-testimonial.php">Post a Testimonial</a></li>
            <li><a href="my-testimonials.php">My Testimonial</a></li>
            <li><a href="logout.php">Sign Out</a></li>
        <?php } else { ?>
            <li><a href="#loginform" data-toggle="modal" data-dismiss="modal">Profile Settings</a></li>
            <li><a href="#loginform" data-toggle="modal" data-dismiss="modal">Update Password</a></li>
            <li><a href="#loginform" data-toggle="modal" data-dismiss="modal">My Booking</a></li>
            <li><a href="#loginform" data-toggle="modal" data-dismiss="modal">Post a Testimonial</a></li>
            <li><a href="#loginform" data-toggle="modal" data-dismiss="modal">My Testimonial</a></li>
            <li><a href="#loginform" data-toggle="modal" data-dismiss="modal">Sign Out</a></li>
        <?php } ?>
        </ul>
    </li>
</ul>
</div>
<div class="header_search">
    <div id="search_toggle"><i class="fa fa-search" aria-hidden="true"></i></div>
    <form action="#" method="get" id="header-search-form">
        <input type="text" placeholder="Search..." class="form-control">
        <button type="submit"><i class="fa fa-search" aria-hidden="true"></i></button>
    </form>
</div>
</div>
<div class="collapse navbar-collapse" id="navigation">
    <ul class="nav navbar-nav">
        <li><a href="index.php">Home</a> </li>

```

```

<li><a href="page.php?type=aboutus">About Us</a></li>
<li><a href="page.php?type=faqs">FAQs</a></li>
<li><a href="contact-us.php">Contact Us</a></li>
</ul>
</div>
</div>
</nav>
<!-- Navigation end -->
</header>
```

Admin side

Index.php

```

<?php
session_start();
include('includes/config.php');
if(isset($_POST['login']))
{
$email=$_POST['username'];
$password=md5($_POST['password']);
$sql ="SELECT UserName,Password FROM admin WHERE UserName=:email and Password=:password";
$query= $dbh -> prepare($sql);
$query-> bindParam(':email', $email, PDO::PARAM_STR);
$query-> bindParam(':password', $password, PDO::PARAM_STR);
$query-> execute();
$results=$query->fetchAll(PDO::FETCH_OBJ);
if($query->rowCount() > 0)
{
$_SESSION['alogin']=$_POST['username'];
echo "<script type='text/javascript'> document.location = 'change-password.php'; </script>";
} else{
echo "<script>alert('Invalid Details');</script>";
}
}
?>
<!doctype html>
<html lang="en" class="no-js">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1, minimum-scale=1, maximum-scale=1">
<meta name="description" content="">
<meta name="author" content="">
<title>Car Sale Portal | Admin Login</title>
<link rel="stylesheet" href="css/font-awesome.min.css">
<link rel="stylesheet" href="css/bootstrap.min.css">
<link rel="stylesheet" href="css/dataTables.bootstrap.min.css">
<link rel="stylesheet" href="css/bootstrap-social.css">
<link rel="stylesheet" href="css/bootstrap-select.css">
<link rel="stylesheet" href="css/fileinput.min.css">
<link rel="stylesheet" href="css/awesome-bootstrap-checkbox.css">
<link rel="stylesheet" href="css/style.css">
```

```

</head>
<body>
    <div class="login-page bk-img" style="background-image: url(img/adminlogin.jpg);">
        <div class="form-content">
            <div class="container">
                <div class="row">
                    <div class="col-md-6 col-md-offset-3">
                        <h1 class="text-center text-bold text-light mt-4x">Sign in</h1>
                        <div class="well row pt-2x pb-3x bk-light">
                            <div class="col-md-8 col-md-offset-2">
                                <form method="post">
                                    <label for="" class="text-uppercase text-sm">Your Username </label>
                                    <input type="text" placeholder="Username" name="username" class="form-control mb">
                                    <label for="" class="text-uppercase text-sm">Password</label>
                                    <input type="password" placeholder="Password" name="password" class="form-control mb">
                                    <button class="btn btn-primary btn-block" name="login" type="submit">LOGIN</button>
                                </form>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
        <!-- Loading Scripts -->
        <script src="js/jquery.min.js"></script>
        <script src="js/bootstrap-select.min.js"></script>
        <script src="js/bootstrap.min.js"></script>
        <script src="js/jquery.dataTables.min.js"></script>
        <script src="js/dataTables.bootstrap.min.js"></script>
        <script src="js/Chart.min.js"></script>
        <script src="js/fileinput.js"></script>
        <script src="js/chartData.js"></script>
        <script src="js/main.js"></script>
    </body>
</html>

```

Config.php

```

<?php
// DB credentials.
define('DB_HOST','localhost');
define('DB_USER','root');
define('DB_PASS','');
define('DB_NAME','carrental');
// Establish database connection.
try
{
    $dbh = new PDO("mysql:host=".DB_HOST.";dbname=".DB_NAME,DB_USER,
    DB_PASS,array(PDO::MYSQL_ATTR_INIT_COMMAND => "SET NAMES 'utf8'"))
}

```

3.3 Screenshots

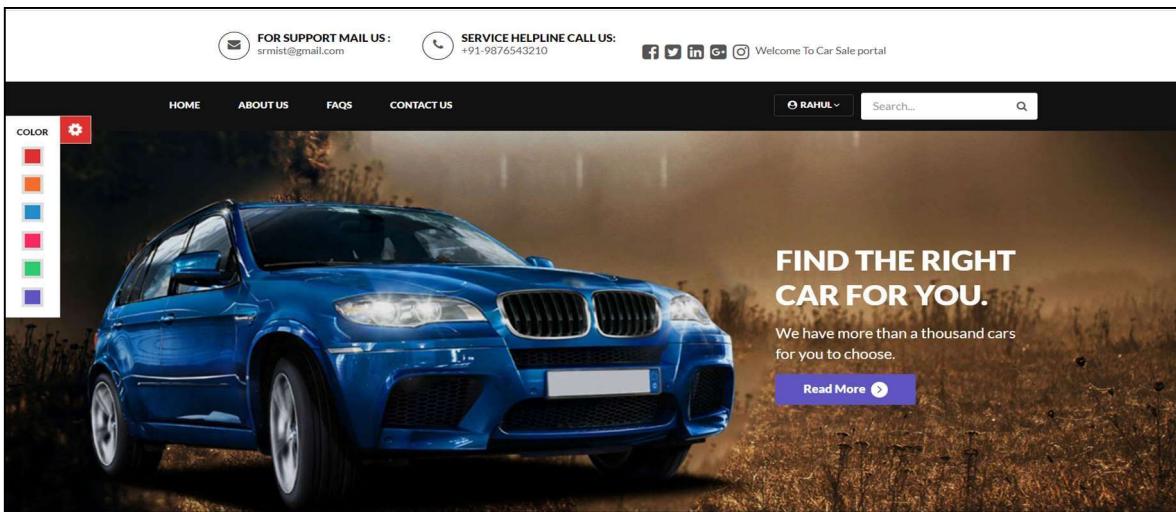


Figure 3.3.1 – User Interface

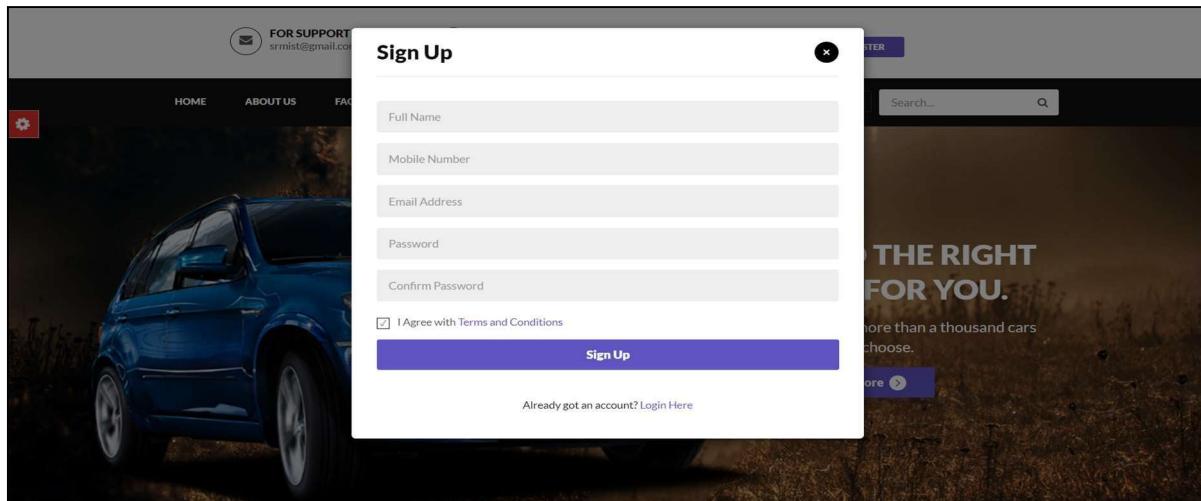


Figure 3.3.2 – Sign up Page

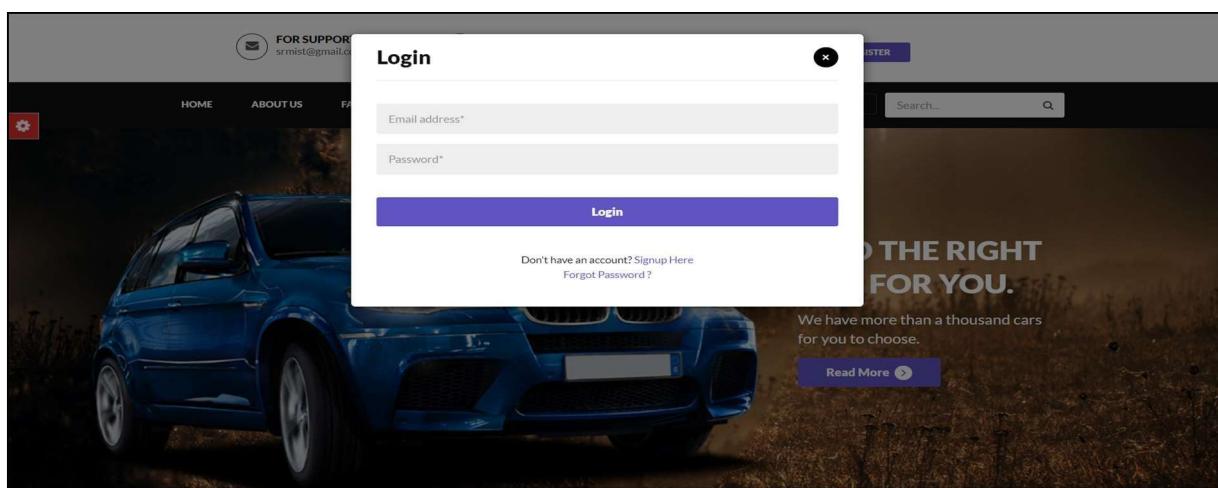


Figure 3.3.3 – Login page

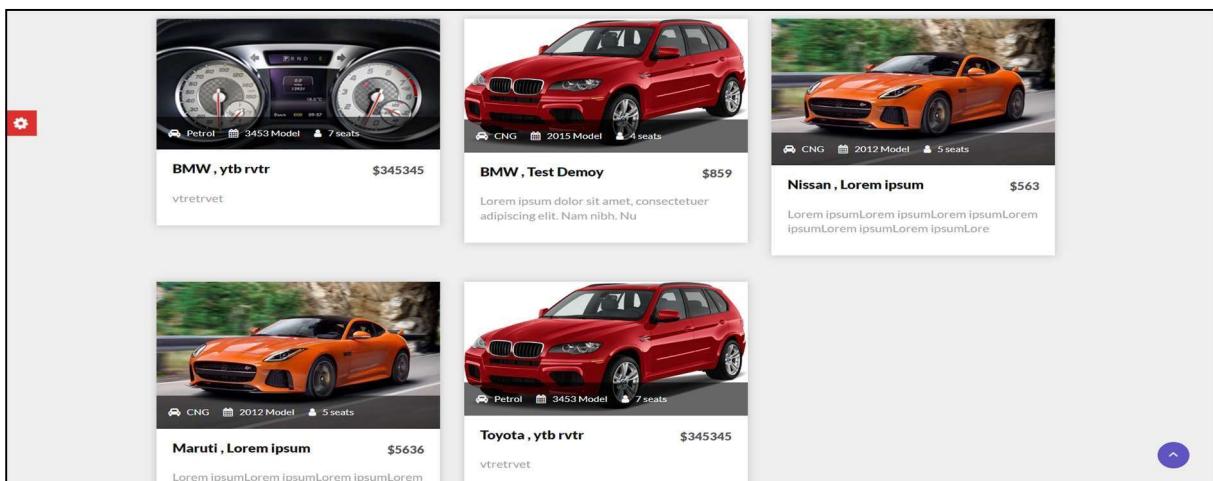


Figure 3.3.4 – Car listing

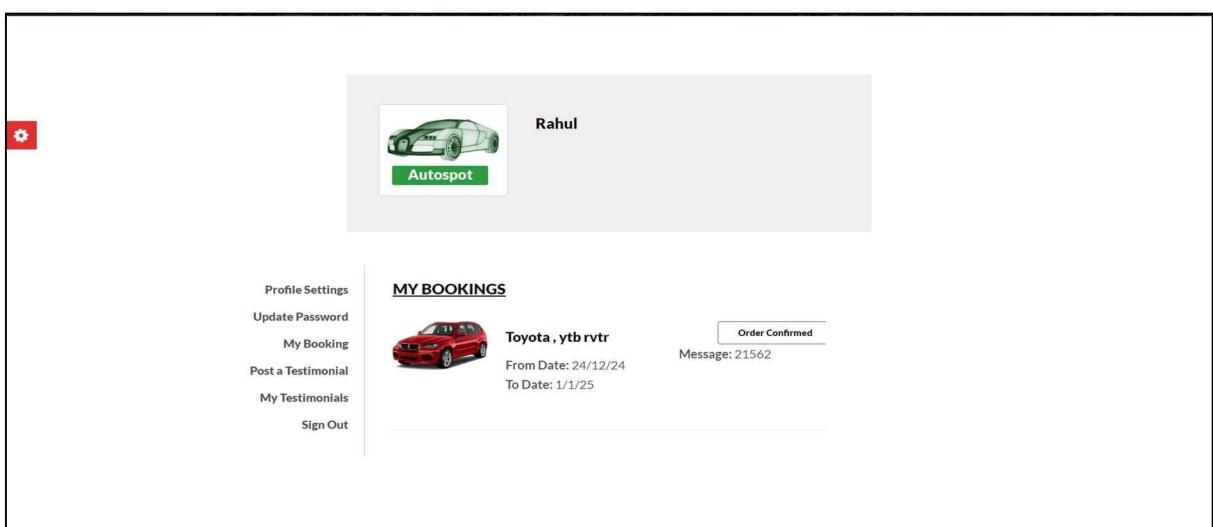


Figure 3.3.5 – Order Confirmation page

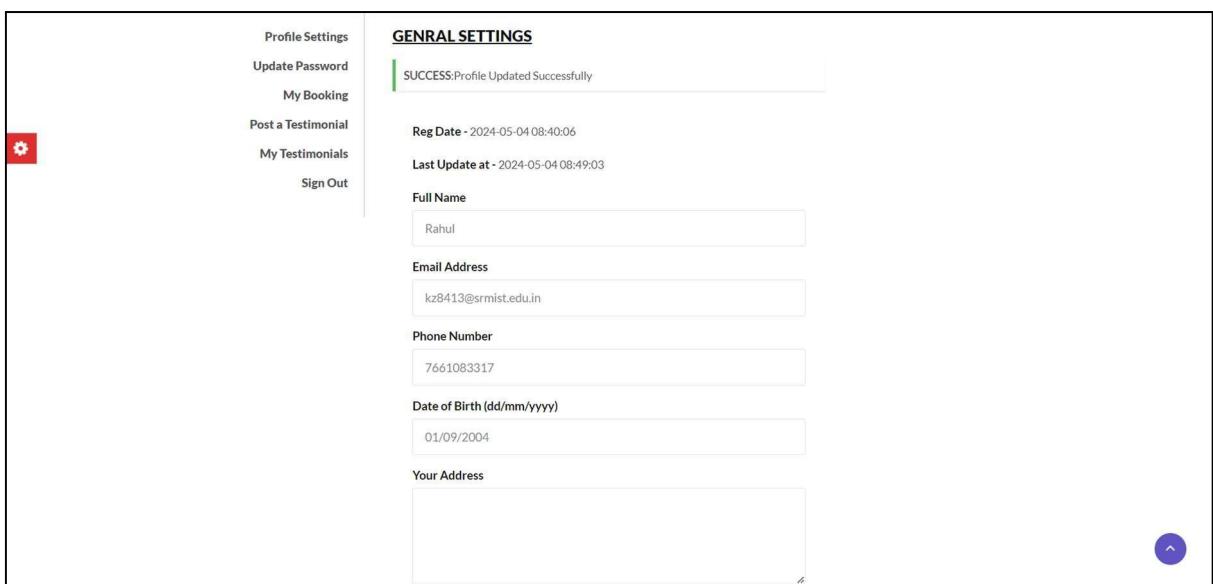


Figure 3.3.6 – User Profile Settings

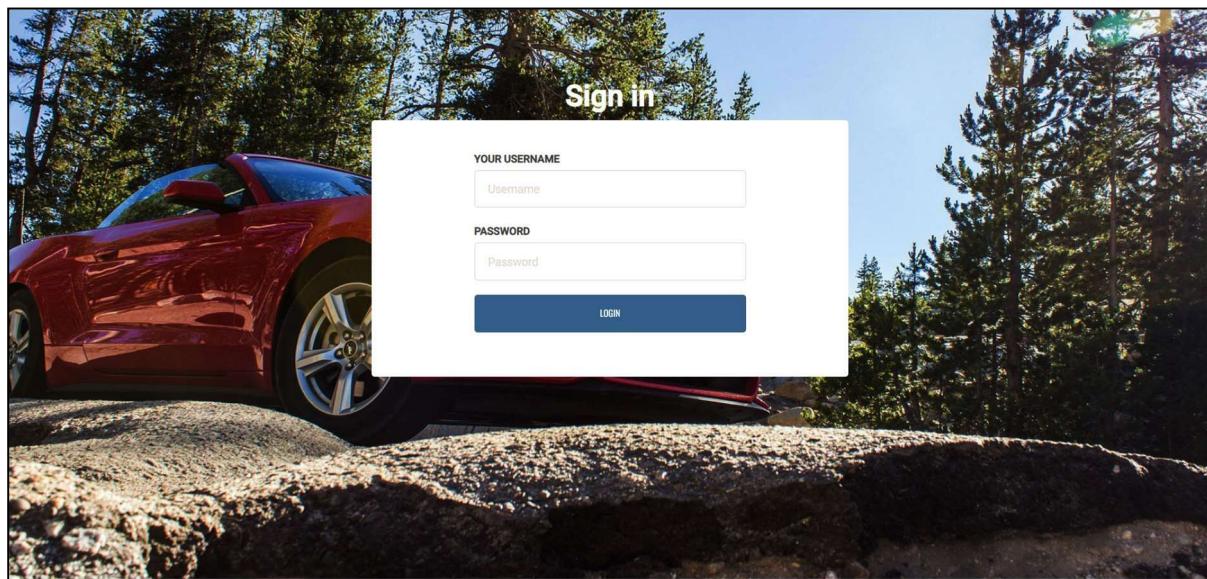


Figure 3.3.7 – Admin login page

A screenshot of the admin dashboard titled "Car Sale Portal | Admin Panel". The top navigation bar includes a user icon and the text "Account". On the left is a sidebar menu with items like "Dashboard", "Brands", "Vehicles", "Manage Booking", etc. The main area is titled "Dashboard" and features six colored boxes showing statistics: 4 REG USERS (blue), 5 LISTED VEHICLES (green), 5 TOTAL BOOKINGS (light blue), 7 LISTED BRANDS (orange), 1 SUBSCRIBERS (dark blue), and 1 QUERIES (light green). Each box has a "FULL DETAIL" link below it.

Figure 3.3.8 – Admin Dashboard

 A screenshot of the "Registered Users" list page from the admin portal. The top navigation bar shows "Car Sale Portal | Admin Panel" and "Account". The left sidebar contains the same menu as Figure 3.3.8. The main content is titled "Registered Users" and displays a table of registered users. The table has columns for #, Name, Email, Contact no, DOB, Address, City, Country, and Reg Date. There are 4 entries listed. At the bottom of the table, it says "Showing 1 to 4 of 4 entries". Navigation buttons for "PREVIOUS", "NEXT", and page number "1" are at the bottom right.

#	Name	Email	Contact no	DOB	Address	City	Country	Reg Date
1	Harry Den	demo@gmail.com	2147483647					2017-06-18 01:29:27
2	AK	anuj@gmail.com	8285703354					2017-06-18 01:30:49
3	Rahul	bn8504@srmissm.edu.in	7661083317					2024-05-01 17:07:51
4	Rahul	kz8413@srmissm.edu.in	7661083317	01/09/2004				2024-05-04 08:40:06

Figure 3.3.9 – Registered Users

CHAPTER 4

WEBSITE BACKEND IMPLEMENTATION

In this chapter, we have mentioned the tools that were used for the back-end implementation along with the codes in the languages used.

4.1 Tools used

1. **jQuery:** jQuery is a powerful JavaScript library designed to simplify HTML document traversal and manipulation, event handling, animation, and Ajax interactions for rapid web development. Its concise syntax and cross-browser compatibility make it a popular choice for web developers seeking to streamline their code and enhance user experience. jQuery's selectors enable easy targeting of HTML elements, while its extensive range of methods allows for dynamic content updates and animations with minimal code.
2. **PHP:** PHP is a versatile server-side scripting language primarily used for web development but also suitable for general-purpose programming. Its simplicity, flexibility, and extensive documentation have made it one of the most widely used languages on the web. PHP enables dynamic content generation, interacts with databases, handles forms, manages sessions, and performs a myriad of other tasks crucial for web development

4.2 Code for Backend

Bootstrap.min.js

```
/*! 
 * Bootstrap v3.3.7 (http://getbootstrap.com)
 * Copyright 2011-2016 Twitter, Inc.
 * Licensed under the MIT license
 */
if("undefined"==typeof jQuery)throw new Error("Bootstrap's JavaScript requires jQuery");+function(a){"use strict";var b=a.fn.jquery.split(" ")[0].split(".");if(b[0]<2&&b[1]<9||1==b[0]&&9==b[1]&&b[2]<1||b[0]>3)throw new Error("Bootstrap's JavaScript requires jQuery version 1.9.1 or higher, but lower than version 4");(jQuery),+function(a){"use strict";function b(){}var a=document.createElement("bootstrap"),b={WebkitTransition:"webkitTransitionEnd",MozTransition:"transitionend",OTransition:"oTransitionEnd otransitionend",transition:"transitionend"};for(var c in b)if(void 0!==a.style[c])return{end:b[c]};return!1}a.fn.emulateTransitionEnd=function(b){var c=!1,d=this;a(this).one("bsTransitionEnd",function(){c=!0});var e=function(){c||a(d).trigger(a.support.transition.end)};return setTimeout(e,b),this},a(function(){a.support.transition=b(),a.support.transition&&(a.event.special.bsTransitionEnd={bindType:a.support.transition.end,delegateType:a.support.transition.end,handle:function(b){if(a(b.target).is(this))return b.handleObj.handler.apply(this,arguments)}})})(jQuery),+function(a){"use strict";function b(b){return this.each(function(){var c=a(this),e=c.data("bs.alert");e||c.data("bs.alert",e=new
```

```

d(this),"string"==typeof b&&&e[b].call(c))}var c='[data-
dismiss="alert"]',d=function(b){a(b).on("click",c,this.close)};d.VERSION="3.3.7",d.TRANSITION_DURATION=150,d.prototype.close=function(b){function c(){g.detach().trigger("closed.bs.alert").remove()}var e=a(this),f=e.attr("data-target");f||(f=e.attr("href"),f=f&&&f.replace(/.*(=?#[^\s]*$)/,""));var g=a("#"==f?[]:f);b&&&b.preventDefault(),g.length||(g=e.closest(".alert")),g.trigger(b=a.Event("close.bs.alert")),b.isDefaultPrevented()||(g.removeClass("in")),a.support.transition&&&g.hasClass("fade")?g.one("bsTransitionEnd",c).emulateTransitionEnd(d.TRANSITION_DURATION):c());var e=a.fn.alert;a.fn.alert=b,a.fn.alert.Constructor=d,a.fn.alert.noConflict=function(){return a.fn.alert=e},a(document).on("click.bs.alert.data-api",c,d.prototype.close)}(jQuery),+function(a){"use strict";function b(b){return this.each(function(){var d=a(this),e=d.data("bs.button"),f="object"==typeof b&&&b;e||d.data("bs.button",e=new c(this,f),"toggle"==b?e.toggle():b&&e.setState(b))});var c=function(b,d){this.$element=a(b),this.options=a.extend({},c.DEFAULTS,d),this.isLoading=!1};c.VERSION="3.3.7",c.DEFAULTS={loadingText:"loading...",c.prototype.setState=function(b){var c="disabled",d=this.$element,e=d.is("input")?"val":d.data(),b+="Text",null==f.resetText&&&d.data("resetText",d[e]()),setTimeout(a.proxy(function(){d[e](null==f[b]?this.options[b]:f[b]),"loadingText"==b?(this.isLoading=!0,d.addClass(c).attr(c,c).prop(c,!0)):this.isLoading&&&(this.isLoading=!1,d.removeClass(c).removeAttr(c).prop(c,!1)),this,0)},c.prototype.toggle=function(){var a=!0,b=this.$element.closest('[data-toggle="buttons"]');if(b.length){var c=this.$element.find("input");"radio"==c.prop("type")?(c.prop("checked")&&&(a=!1),b.find(".active").removeClass("active"),this.$element.addClass("active")):"checkbox"==c.prop("type")&&&(c.prop("checked")!=this.$element.hasClass("active"))&&&(a=!1),this.$element.toggleClass("active")),c.prop("checked"),this.$element.hasClass("active")),a&&&c.trigger("change")}{else this.$element.attr("aria-pressed",!this.$element.hasClass("active")),this.$element.toggleClass("active")};var d=a.fn.button;a.fn.button=b,a.fn.button.Constructor=c,a.fn.button.noConflict=function(){return a.fn.button=d},a(document).on("click.bs.button.data-api","[data-toggle^="button"],function(c){var d=a(c.target).closest(".btn");b.call(d,"toggle"),a(c.target).is("input[type="radio"],input[type="checkbox"])||(c.preventDefault(),d.is("input,button")?d.trigger("focus"):d.find("input:visible,button:visible").first().trigger("focus"))).on("focus.bs.button.data-api",blur.bs.button.data-api',[data-toggle^="button"],function(b){a(b.target).closest(".btn").toggleClass("focus","^focus(in)?$/.test(b.type)")})(jQuery),+function(a){"use strict";function b(b){return this.each(function(){var d=a(this),e=d.data("bs.carousel"),f=a.extend({},c.DEFAULTS,d.data(),"object"==typeof b&&&b,g="string"==typeof b?b:f.slide;e||d.data("bs.carousel",e=new c(this,f),"number"==typeof b?e.to(b):g[e]():f.interval&&&e.pause().cycle()))});var c=function(b,c){this.$element=a(b),this.$indicators=this.$element.find(".carousel-indicators"),this.options=c,this.paused=null,this.sliding=null,this.interval=null,this.active=null,this.items=null,this.options.keyboard&&&this.$element.on("keydown.bs.carousel",a.proxy(this.keydown,this)),"hover"==this.options.pause&&&!("ontouchstart" in document.documentElement)&&&this.$element.on("mouseenter.bs.carousel",a.proxy(this.pause,this)).on("mouseleave.bs.carousel",a.proxy(this.cycle,this));c.VERSION="3.3.7",c.TRANSITION_DURATION=600,c.DEFAULTS={interval:5e3,pause:"hover",wrap:!0,keyboard:!0},c.prototype.keydown=function(a){if(!/input|textarea/i.test(a.target.tagName)){switch(a.which){case 37:this.prev();break;case 39:this.next();break;default:return}a.preventDefault()}},c.prototype.cycle=function(b){return b||(this.paused=!1),this.interval&&&clearInterval(this.interval),this.options.interval&&&!this.paused&&&(this.interval=setInterval(a.proxy(this.next,this),this.options.interval)),this},c.prototype.getItemIndex=function(a){return this.items=a.parent().children(".item"),this.items.index(a||this.active)},c.prototype.getItemForDirection=function(a,b){var c=this.getItemIndex(b),d="prev"==a&&&0==c|"next"==a&&&c==this.items.length-1;if(d&&&!this.options.wrap){b;var e="prev"==a?-1:1,f=(c+e)%this.items.length;return this.items.eq(f)}},c.prototype.to=function(a){var b=this.getItemIndex(a),c="prev"==a&&&0==b||"next"==a&&&b==this.items.length-1;if(d&&&!this.options.wrap){b;var e="prev"==a?-1:1,f=(c+e)%this.items.length;return this.items.eq(f)}},c.prototype.pause=function(b){return b=this.getItemIndex(this.active=this.$element.find(".item.active"));if(!(a>this.items.length-1||a<0))return this.sliding?this.$element.one("slid.bs.carousel",function(){b.to(a)}):c==a?this.pause().cycle():this.slide(a>c?"next":"prev",this.items.eq(a))},c.prototype.pause=function(b){return

```

```

b||(this.paused!=0),this.$element.find(".next",
.prev").length&&a.support.transition&&(this.$element.trigger(a.support.transition.end),this.cycle(!0)),this.inter
val=clearInterval(this.interval),this},c.prototype.next=function() {if(!this.sliding) return
this.slide("next")},c.prototype.prev=function() {if(!this.sliding) return
this.slide("prev")},c.prototype.slide=function(b,d){var
e=this.$element.find(".item.active"),f=d||this.getItemForDirection(b,e),g=this.interval,h="next"==b?"left":"right
",i=this;if(f.hasClass("active"))return
this.sliding=!1;var
j=f[0],k=a.Event("slide.bs.carousel",{relatedTarget:j,direction:h});if(this.$element.trigger(k),!k.isDefaultPreven
ted()) {if(this.sliding!=!0,g&&this.pause(),this.$indicators.length){this.$indicators.find(".active").removeClass("a
ctive");var
l=a(this.$indicators.children()[this.getItemIndex(f)];l&&l.addClass("active")};var
m=a.Event("slid.bs.carousel",{relatedTarget:j,direction:h});return
a.support.transition&&this.$element.hasClass("slide")?(f.addClass(b),f[0].offsetWidth,e.addClass(h),f.addClass
(h),e.one("bsTransitionEnd",function(){f.removeClass([b,h].join(
"')).addClass("active"),e.removeClass(["active",h].join(
"")),i.sliding=!1,setTimeout(function(){i.$element.trigger(m)},0)).emulateTransitionEnd(c.TRANSITION_DU
RATION):(e.removeClass("active"),f.addClass("active"),this.sliding=!1,this.$element.trigger(m)),g&&this.cykl
e(),this};var
d=a.fn.carousel;a.fn.carousel=b,a.fn.carousel.Constructor=c,a.fn.carousel.noConflict=function() {return
a.fn.carousel=d,this};var
e=function(c){var
d,e=a(this),f=a(e.attr("data-
target"))||(d=e.attr("href"))&&d.replace(/.*(?:#[^\s]+$/,""));if(f.hasClass("carousel")){var
g=a.extend({},f.data(),e.data()),h=e.attr("data-slide-
to");h&&(g.interval!=1),b.call(f,g),h&&f.data("bs.carousel").to(h),c.preventDefault()};a(document).on("click.
bs.carousel.data-api","[data-slide]",e).on("click.bs.carousel.data-api","[data-slide-
to]",e),a(window).on("load",function(){a("[data-ride='carousel']").each(function(){var
c=a(this);b.call(c,c.data())})})(jQuery),+function(a){use strict";function
b(b){var
c,d=b.attr("data-
target"))||(c=b.attr("href"))&&c.replace(/.*(?:#[^\s]+$/,""));return
a(d)}function
c(b){return
this.each(function(){var
c=a(this),e=c.data("bs.collapse"),f=a.extend({},d.DEFAULTS,c.data(),"object"==typeof
b&&b);!e&&f.toggle&&/show|hide/.test(b)&&(f.toggle!=!1),e||c.data("bs.collapse",e=new
d(this,f),"string"==typeof
b&&e[b]());var
d=function(b,c){this.$element=a(b),this.options=a.extend({},d.DEFAULTS,c),this.$trigger=a("[data-
toggle='collapse"]#[href="#'+b.id+'"],[data-toggle='collapse"]#[data-
target="#'+b.id+'"],this.transitioning=null,this.options.parent?this.$parent=this.getParent():this.addAriaAndCol
lapsedClass(this.$element,this.$trigger),this.options.toggle&&this.toggle();d.VERSION="3.3.7",d.TRANSITI
ON_DURATION=350,d.DEFAULTS={toggle:!0},d.prototype.dimension=function(){var
a=this.$element.hasClass("width");return
a?"width":"height"},d.prototype.show=function(){if(!this.transitioning&&!this.$element.hasClass("in")){var
b,e=this.$parent&&this.$parent.children(".panel").children(".in,
.collapsing");if(!(e&&e.length&&(b=e.data("bs.collapse"),b&&b.transitioning))){var
f=a.Event("show.bs.collapse");if(this.$element.trigger(f),!f.isDefaultPrevented()){e&&e.length&&(c.call(e,"hid
e"),b||e.data("bs.collapse",null));var
g=this.dimension();this.$element.removeClass("collapse").addClass("collapsing")[g](0).attr("aria-
expanded",!0),this.$trigger.removeClass("collapsed").attr("aria-expanded",!0),this.transitioning=1;var
h=function(){this.$element.removeClass("collapsing").addClass("collapse
in")}[g](""),this.transitioning=0,this.$element.trigger("shown.bs.collapse");if(!a.support.transition) return
h.call(this);var
i=a.camelCase(["scroll",g].join("-"));this.$element.one("bsTransitionEnd",a.proxy(h,this)).emulateTransitionEnd(d.TRANSITION_DURATION)
[g](this.$element[0][i]))}},d.prototype.hide=function(){if(!this.transitioning&&this.$element.hasClass("in")){
var
b=a.Event("hide.bs.collapse");if(this.$element.trigger(b),!b.isDefaultPrevented()){var
c=this.dimension();this.$element[c](this.$element[c]())[0].offsetHeight,this.$element.addClass("collapsing").re
moveClass("collapse
in").attr("aria-expanded",!1),this.$trigger.removeClass("collapsed").attr("aria-
expanded",!1),this.transitioning=1;var
}}
```

```

e=function(){this.transitioning=0,this.$element.removeClass("collapsing").addClass("collapse").trigger("hidden.bs.collapse")};return
this.$element[c](0).one("bsTransitionEnd",a.proxy(e,this)).emulateTransitionEnd(d.TRANSITION_DURATION:e.call(this))},d.prototype.toggle=function(){this[this.$element.hasClass("in")?"hide":"show"](),d.prototype.getParent=function(){return
a(this.options.parent).find('[data-toggle="collapse"]')[data-parent="'+this.options.parent+'"]').each(a.proxy(function(c,d){var
e=a(d);this.addAriaAndCollapsedClass(b(e),e},this)).end(),d.prototype.addAriaAndCollapsedClass=function(a,b){var c=a.hasClass("in");a.attr("aria-expanded",c),b.toggleClass("collapsed",!c).attr("aria-expanded",c)};var
e=a.fn.collapse;a.fn.collapse=c,a.fn.collapse.Constructor=d,a.fn.collapse.noConflict=function(){return
a.fn.collapse=e,this},a(document).on("click.bs.collapse.data-api",'[data-toggle="collapse"]',function(d){var
e=a(this);e.attr("data-target")||d.preventDefault();var
f=b(e),g=f.data("bs.collapse"),h=g?"toggle":e.data();c.call(f,h)})(jQuery),+function(a){"use strict";function
b(b){var
c=b.attr("data-target");c||(b.attr("href"),c=c&&#[A-Za-z]/.test(c)&&c.replace(.*(?=#[^s]*$),""));var
d=c&&a(c);return
d&&d.length?d:b.parent()}function
c(c){c&&3==c.which||(a(e).remove(),a(f).each(function(){var
d=a(this),e=b(d),f={relatedTarget:this};e.hasClass("open")&&(c&&"click"==c.type&&/input|textarea/i.test(c.target.tagName)&&a.contains(e[0],c.target)||e.trigger(c=a.Event("hide.bs.dropdown",f)),c.isDefaultPrevented()||(d.attr("aria-expanded","false"),e.removeClass("open").trigger(a.Event("hidden.bs.dropdown",f))))});function
d(b){return
this.each(function(){var
c=a(this),d=c.data("bs.dropdown");d||c.data("bs.dropdown",d=new
g(this)), "string"==typeof
b&&d[b].call(c))}var
e=".dropdown-backdrop",f=[data-
toggle="dropdown"],g=function(b){a(b).on("click.bs.dropdown",this.toggle)};g.VERSION="3.3.7",g.prototype
.toggle=function(d){var
e=a(this);if(!e.is(".disabled",
:disabled)){var
f=b(e),g=f.hasClass("open");if(c(),!g){"ontouchstart"in
document.documentElement&&!f.closest(".navbar-
nav").length&&a(document.createElement("div")).addClass("dropdown-
backdrop").insertAfter(a(this)).on("click",c);var
h={relatedTarget:this};if(f.trigger(d=a.Event("show.bs.dropdown",h)),d.isDefaultPrevented())return;e.trigger("f
ocus").attr("aria-
expanded","true"),f.toggleClass("open").trigger(a.Event("shown.bs.dropdown",h))}return!1}},g.prototype.keyd
own=function(c){if(/(38|40|27|32)/.test(c.which)&&!/input|textarea/i.test(c.target.tagName)){var
d=a(this);if(c.preventDefault(),c.stopPropagation(),!d.is(".disabled",
:disabled)){var
e=b(d),g=e.hasClass("open");if(!g&&27!=c.which) return
27==c.which&&e.find(f).trigger("focus"),d.trigger("click");var
h="li:not(.disabled):visible
a",i=e.find(".dropdown-menu"+h);if(i.length){var
j=i.index(c.target);38==c.which&&j>0&&j<
,40==c.which&&j<i.length-1&&j++,~j||(j=0),i.eq(j).trigger("focus")}}};var
h=a.fn.dropdown;a.fn.dropdown=d,a.fn.dropdown.Constructor=g,a.fn.dropdown.noConflict=function(){return
a.fn.dropdown=h,this},a(document).on("click.bs.dropdown.data-api",c).on("click.bs.dropdown.data-
api",".dropdown
form",function(a){a.stopPropagation().on("click.bs.dropdown.data-
api",f,g.prototype.toggle).on("keydown.bs.dropdown.data-
api",f,g.prototype.keydown).on("keydown.bs.dropdown.data-api","",.dropdown-
menu",g.prototype.keydown})(jQuery),+function(a){"use strict";function
b(b,d){return
this.each(function(){var
e=a(this),f=e.data("bs.modal"),g=a.extend({},c.DEFAULTS,e.data(),"object"==typeof
b&&b);f||e.data("bs.modal",f=new
c(this,g)), "string"==typeof
b?f[b](d):g.show&&f.show(d))}var
c=function(b,c){this.options=c,this.$body=a(document.body),this.$element=a(b),this.$dialog=this.$element.fin
d(".modal-
dialog"),this.$backdrop=null,this.isHidden=null,this.originalBodyPad=null,this.scrollbarWidth=0,this.ignoreBac
kdropClick=!1,this.options.remote&&this.$element.find(".modal-
content").load(this.options.remote,a.proxy(function(){this.$element.trigger("loaded.bs.modal")},this));c.VERS
ION="3.3.7",c.TRANSITION_DURATION=300,c.BACKDROP_TRANSITION_DURATION=150,c.DEFAU
LTS={backdrop:!0,keyboard:!0,show:!0},c.prototype.toggle=function(a){return
this.isHidden?this.hide():this.show(a)},c.prototype.show=function(b){var
d=this,e=a.Event("show.bs.modal",{relatedTarget:b});this.$element.trigger(e),this.isHidden||e.isDefaultPrevente
d()||(this.isHidden=!0,this.checkScrollbar(),this.setScrollbar(),this.$body.addClass("modal-

```

```

open"),this.escape(),this.resize(),this.$element.on("click.dismiss.bs.modal","[data-
dismiss="modal"]",a.proxy(this.hide,this)),this.$dialog.on("mousedown.dismiss.bs.modal",function() {d.$elemen
t.one("mouseup.dismiss.bs.modal",function(b){a(b.target).is(d.$element)&&(d.ignoreBackdropClick!=!0)}))},th
is.backdrop(function() {var
e=a.support.transition&&d.$element.hasClass("fade");d.$element.parent().length||d.$element.appendTo(d.$bod
y),d.$element.show().scrollTop(0),d.adjustDialog(),e&&d.$element[0].offsetWidth,d.$element.addClass("in"),d
.enforceFocus();var
f=a.Event("shown.bs.modal",{relatedTarget:b});e?d.$dialog.one("bsTransitionEnd",function() {d.$element.trigg
er("focus").trigger(f)).emulateTransitionEnd(c.TRANSITION_DURATION):d.$element.trigger("focus").trigg
er(f)}),c.prototype.hide=function(b){b&&b.preventDefault(),b=a.Event("hide.bs.modal"),this.$element.trigger
(b),this.isShown&&!b.isDefaultPrevented()&&(this.isShown!=!1,this.escape(),this.resize(),a(document).off("foc
usin.bs.modal"),this.$element.removeClass("in").off("click.dismiss.bs.modal").off("mouseup.dismiss.bs.modal"
),this.$dialog.off("mousedown.dismiss.bs.modal"),a.support.transition&&this.$element.hasClass("fade")?this.$e
lement.one("bsTransitionEnd",a.proxy(this.hideModal,this)).emulateTransitionEnd(c.TRANSITION_DURATION):this.hid
eModal()),c.prototype.enforceFocus=function() {a(document).off("focusin.bs.modal").on("focusin.
bs.modal",a.proxy(function(a){document==a.target||this.$element[0]==a.target||this.$element.has(a.target).le
ngth||this.$element.trigger("focus")},this))),c.prototype.escape=function() {this.isShown&&this.options.keyboar
d?this.$element.on("keydown.dismiss.bs.modal",a.proxy(function(a){27==a.which&&&this.hide(),this)):this.isS
hown||this.$element.off("keydown.dismiss.bs.modal")),c.prototype.resize=function() {this.isShown?a(window).
on("resize.bs.modal",a.proxy(this.handleUpdate,this)):a(window).off("resize.bs.modal")},c.prototype.hideMod
al=function() {var
a=this;this.$element.hide(),this.backdrop(function() {a.$body.removeClass("modal-
open"),a.resetAdjustments(),a.resetScrollbar(),a.$element.trigger("hidden.bs.modal")}),c.prototype.removeBac
kdrop=function() {this.$backdrop&&this.$backdrop.remove(),this.$backdrop=null},c.prototype.backdrop=functi
on(b){var
d=this,e=this.$element.hasClass("fade")?"fade":"";if(this.isShown&&this.options.backdrop){var
f=a.support.transition&&e;if(this.$backdrop=a(document.createElement("div")).addClass("modal-backdrop
"+e).appendTo(this.$body),this.$element.on("click.dismiss.bs.modal",a.proxy(function(a){return
this.ignoreBackdropClick?void(this.ignoreBackdropClick=!1):void(a.target==a.currentTarget&&("static"==th
is.options.backdrop?this.$element[0].focus():this.hide()),this)},f)&&this.$backdrop[0].offsetWidth,this.$backdr
op.addClass("in"),!b)return f?this.$backdrop.one("bsTransitionEnd",b).emulateTransitionEnd(c.BACKDROP_
TRANSITION_DURATION):b})else
if(!this.isShown&&this.$backdrop){this.$backdrop.removeClass("in");var
g=function() {d.removeBackdrop(),b&&b()};a.support.transition&&this.$element.hasClass("fade")?this.$backdr
op.one("bsTransitionEnd",g).emulateTransitionEnd(c.BACKDROP_TRANSITION_DURATION):g()}else
b&&b(),c.prototype.handleUpdate=function() {this.adjustDialog()},c.prototype.adjustDialog=function() {var
a=this.$element[0].scrollHeight>document.documentElement.clientHeight;this.$element.css({paddingLeft:!this.
bodyIsOverflowing&&a?this.scrollbarWidth:"",paddingRight:this.bodyIsOverflowing&&!a?this.scrollbarWidth
:""}),c.prototype.resetAdjustments=function() {this.$element.css({paddingLeft:"",paddingRight:""})},c.proto
type.checkScrollbar=function() {var
a=window.innerWidth;if(!a){var
b=document.documentElement.getBoundingClientRect();a=b.right-
Math.abs(b.left)}this.bodyIsOverflowing=document.body.clientWidth<a,this.scrollbarWidth=this.measureScroll
bar(),c.prototype.setScrollbar=function() {var
a=parseInt(this.$body.css("padding-
right"))||0,10;this.originalBodyPad=document.body.style.paddingRight||"",this.bodyIsOverflowing&&this.$bod
y.css("padding-right",a+this.scrollbarWidth),c.prototype.resetScrollbar=function() {this.$body.css("padding-
right",this.originalBodyPad)},c.prototype.measureScrollbar=function() {var
a=document.createElement("div");a.className="modal-scrollbar-measure",this.$body.append(a);var
b=a.offsetWidth-a.clientWidth;return
this.$body[0].removeChild(a),b};var
d=a.fn.modal;a.fn.modal=b,a.fn.modal.Constructor=c,a.fn.modal.noConflict=function() {return
a.fn.modal=d,this},a(document).on("click.bs.modal.data-api",[data-toggle="modal"],function(c){var
d=a(this),e=d.attr("href"),f=a(d.attr("data-
target"))||e&&e.replace(/.*(?=[^$]+$/,""),g=f.data("bs.modal")?"toggle":a.extend({remote:!/#/.test(e)&&e},f.
data(),d.data());d.is("a")&&c.preventDefault(),f.one("show.bs.modal",function(a){a.isDefaultPrevented()||f.one(
"hidden.bs.modal",function() {d.is(":visible")&&d.trigger("focus")})}),b.call(f,g,this)})(jQuery),+function(a) {"
```

```

use strict";function b(b){return this.each(function(){var d=a(this),e=d.data("bs.tooltip"),f="object"==typeof
b&&b;!e&&/destroy|hide/.test(b)||!(e||d.data("bs.tooltip"),e=new c(this,f),"string"==typeof b&&e[b]())}}var
c=function(a,b){this.type=null,this.options=null,this.enabled=null,this.timeout=null,this.hoverState=null,this.$el
ement=null,this.inState=null,this.init("tooltip",a,b)};c.VERSION="3.3.7",c.TRANSITION_DURATION=150,c.
DEFAULTS={animation:!0,placement:"top",selector:!1,template:'<div class="tooltip" role="tooltip"><div
class="tooltip-arrow"></div><div class="tooltip-inner"></div></div>',trigger:"hover
focus",title:"",delay:0,html:!1,container:!1,viewport:{selector:"body",padding:0},c.prototype.init=function(b,c,
d){if(this.enabled!=!0,this.type=b,this.$element=a(c),this.options=this.getOptions(d),this.$viewport=this.options.
viewport&&a(a.isFunction(this.options.viewport)?this.options.viewport.call(this,this.$element):this.options.vie
wport.selector||this.options.viewport),this.inState={click:!1,hover:!1,focus:!1},this.$element[0]instanceof
document.constructor&&&!this.options.selector)throw new Error("`selector` option must be specified when
initializing "+this.type+" on the window.document object!");for(var e=this.options.trigger.split(" "),f=e.length;f-
-;){var
g=e[f];if("click"==g)this.$element.on("click."+this.type,this.options.selector,a.proxy(this.toggle,this));else
if("manual"!=g){var
h="hover"==g?"mouseenter":"focusin",i="hover"==g?"mouseleave":"focusout";this.$element.on(h+"."+this.type
this.options.selector,a.proxy(this.enter,this)),this.$element.on(i+"."+this.type,this.options.selector,a.proxy(this.
leave,this))}this.options.selector?this._options=a.extend({},this.options,{trigger:"manual",selector:""})}:this.fix
Title(),c.prototype.getDefaults=function(){return c.DEFAULTS},c.prototype.getOptions=function(b){return
b=a.extend({},this.getDefaults(),this.$element.data(),b),b.delay&&"number"==typeof
b.delay&&(b.delay={show:b.delay,hide:b.delay}),b},c.prototype.getDelegateOptions=function(){var
b={},c=this.getDefaults();return
this._options&&a.each(this._options,function(a,d){c[a]!=d&&(b[a]=d)}),b},c.prototype.enter=function(b){var
c=b instanceof this.constructor?b:a(b.currentTarget).data("bs."+this.type);return c||(c=new
this.constructor(b.currentTarget,this.getDelegateOptions()),a(b.currentTarget).data("bs."+this.type,c)),b
instanceof
a.Event&&(c.inState["focusin"]==b.type?"focus":"hover"]!=0),c.tip().hasClass("in")||"in"==c.hoverState?void(c.
hoverState="in"):(clearTimeout(c.timeout),c.hoverState="in",c.options.delay&&c.options.delay.show?void(c.ti
meout=setTimeout(function(){"in"==c.hoverState&&c.show(),c.options.delay.show}):c.show()):c.prototype.i
sInStateTrue=function(){for(var
a in
this.inState)if(this.inState[a])return!0;return!1},c.prototype.leave=function(b){var
c=b instanceof this.constructor?b:a(b.currentTarget).data("bs."+this.type);if(c||(c=new
this.constructor(b.currentTarget,this.getDelegateOptions()),a(b.currentTarget).data("bs."+this.type,c)),b
instanceof
a.Event&&(c.inState["focusout"]==b.type?"focus":"hover"]!=1,!c.isInStateTrue())return
clearTimeout(c.timeout),c.hoverState="out",c.options.delay&&c.options.delay.hide?void(c.timeout=setTimeout
(function(){"out"==c.hoverState&&c.hide(),c.options.delay.hide}):c.hide()):c.prototype.show=function(){var
b=a.Event("show.bs."+this.type);if(this.hasContent()&&this.enabled){this.$element.trigger(b);var
d=a.contains(this.$element[0].ownerDocument.documentElement,this.$element[0]);if(b.isDefaultPrevented()||!d
)return;var
e=this,f=this.tip(),g=this.getUID(this.type);this.setContent(),f.attr("id",g),this.$element.attr("aria-
describedby",g),this.options.animation&&f.addClass("fade");var
h="function"==typeof
this.options.placement?this.options.placement.call(this,f[0],this.$element[0]):this.options.placement,i=~s?auto?\
s?:i,j=i.test(h);j&&(h=h.replace(i,"")||"top"),f.detach().css({top:0,left:0,display:"block"}).addClass(h).data("bs."
+this.type,this),this.options.container?f.appendTo(this.options.container):f.insertAfter(this.$element),this.$elem
ent.trigger("inserted.bs."+this.type);var
k=this.getPosition(),l=f[0].offsetWidth,m=f[0].offsetHeight;if(j){var
n=h,o=this.getPosition(this.$viewport);h="bottom"==h&&k.bottom+m>o.bottom?"top":"top"==h&&k.top-
m<o.top?"bottom":"right"==h&&k.right+l>o.width?"left":"left"==h&&k.left-
l<o.left?"right":h,f.removeClass(n).addClass(h);var
p=this.getCalculatedOffset(h,k,l,m);this.applyPlacement(p,h);var
q=function(){var
a=e.hoverState;e.$element.trigger("shown.bs."+e.type),e.hoverState=null,"out"==a&&e.leave(e);a.support.transi
tion&&this.$tip.hasClass("fade")?f.one("bsTransitionEnd",q).emulateTransitionEnd(c.TRANSITION_DURA
TION):q()};c.prototype.applyPlacement=function(b,c){var
d=this.tip(),e=d[0].offsetWidth,f=d[0].offsetHeight,g=parseInt(d.css("margin-

```

```

top"),10),h=parseInt(d.css("margin-left"),10);isNaN(g)&&(g=0),isNaN(h)&&(h=0),b.top+=g,b.left+=h,a.offset.setOffset(d[0],a.extend({using:function(a){d.css({top:Math.round(a.top),left:Math.round(a.left)})}},b),0),d.addClass("in");var i=d[0].offsetWidth,j=d[0].offsetHeight;"top"==c&&j!=f&&(b.top=b.top+f-j);var k=this.getViewportAdjustedDelta(c,b,i,j);k.left?b.left+=k.left:b.top+=k.top;var l=/top|bottom/.test(c),m=l?2*k.left-e+i:2*k.top-f+j,n=l?"offsetWidth":"offsetHeight";d.offset(b),this.replaceArrow(m,d[0][n],l),c.prototype.replaceArrow=function(a,b,c){this.arrow().css(c?"left":"top",50*(1-a/b)+"%").css(c?"top":"left","")},c.prototype.setContent=function(){var a=this.tip(),b=this.getTitle();a.find(".tooltip-inner")[this.options.html?"html":"text"](b),a.removeClass("fade in top bottom left right"),c.prototype.hide=function(b){function d(){"in"!=e.hoverState&&f.detach(),e.$element&&e.$element.removeAttr("aria-describedby").trigger("hidden.bs."+e.type),b&&b()}var e=this,f=a(this.$tip),g=a.Event("hide.bs."+this.type);if(this.$element.trigger(g),!g.isDefaultPrevented())return f.removeClass("in"),a.support.transition&&f.hasClass("fade")?f.one("bsTransitionEnd",d).emulateTransitionEnd(c.TRANSITION_DURATION):d(),this.hoverState=null,this},c.prototype.fixTitle=function(){var a=this.$element;(a.attr("title")||"string"!=typeof a.attr("data-original-title"))&&a.attr("data-original-title",a.attr("title")||"").attr("title","")},c.prototype.hasContent=function(){return this.getTitle()},c.prototype.getPosition=function(b){b=b||this.$element;var c=b[0],d="BODY"==c.tagName,e=c.getBoundingClientRect();null==e.width&&(e=a.extend({},e,{width:e.right-e.left,height:e.bottom-e.top})),var f=window.SVGEElement&&c instanceof window.SVGEElement,g=d?{top:0,left:0}:f?null:b.offset(),h={scroll:d?document.documentElement.scrollTop||document.body.scrollTop:b.scrollTop()},i=d?{width:a(window).width(),height:a(window).height():null};return a.extend({},e,h,i),c.prototype.getCalculatedOffset=function(a,b,c,d){return"bottom"==a?{top:b.top+b.height,left:b.left+b.width/2-c/2}:"top"==a?{top:b.top-d,left:b.left+b.width/2-c/2}:"left"==a?{top:b.top+b.height/2-d/2,left:b.left+b.width}:{}},c.prototype.getViewportAdjustedDelta=function(a,b,c,d){var e={top:0,left:0};if(!this.$viewport) return e;var f=this.options.viewport&&this.options.viewport.padding||0,g=this.getPosition(this.$viewport);if(/right|left/.test(a)){var h=b.top-f-g.scroll,i=b.top+f-g.scroll+d;h<g.top?e.top=g.top:h;i>g.top+g.height&&(e.top=g.top+g.height-i)}else{var j=b.left-f,k=b.left+f+c;j<g.left?e.left=g.left:j:k>g.right&&(e.left=g.left+g.width-k)}return e},c.prototype.getTitle=function(){var

```

Interface.js

```

( function($) {
  'use strict';
  $(function(e) {
    /*
-----.
Testimonial Slider
-----*/
    var owl = $("#testimonial-slider");
    owl.owlCarousel({
      itemsCustom : [
        [0, 1],
        [450, 1],
        [550, 1],
        [767, 1],
        [991, 2],
      ],
      loop: true,
      nav : true,
      navigation : false,
      autoPlay : 3000
    });
  });
}

```

```

    });
/*
----- Testimonial Slider 2 -----
*/
var owl = $("#testimonial-slider-2");
owl.owlCarousel({
    itemsCustom : [
        [0, 1],
        [450, 1],
        [550, 2],
        [767, 2],
        [991, 3],
    ],
    loop: true,
    nav : true,
    navigation : false,
    autoPlay : 3000
});
/*
----- Trending Slider -----
*/
var owl = $("#trending_slider");
owl.owlCarousel({
    itemsCustom : [
        [0, 1],
        [450, 1],
        [550, 1],
        [700, 3],
    ],
    loop: true,
    nav : true,
    navigation : false,
    autoPlay : 3000
});
/*
----- Popular Brands -----
*/
var owl = $("#popular_brands");
owl.owlCarousel({
    itemsCustom : [
        [0, 2],
        [450, 2],
        [550, 2],
        [700, 3],
        [1024, 4],
        [1200, 5],
    ],
    loop: true,
    nav : true,
    navigation : false,
    autoPlay : 3000
});

```

```

/*
----- Listing Image Slider { Style 1 } -----
var owl = $("#listing_img_slider");
owl.owlCarousel({
    itemsCustom : [
        [0, 1],
        [450, 1],
        [700, 2],
        [1024, 3],
        [1200, 3],
    ],
    loop: true,
    nav: true,
    navigation : true,
    pagination: false,
    autoPlay : 3000
});
/*
----- Listing Image Slider { Style 2 } -----
$('.listing_images_slider').slick({
    slidesToShow: 1,
    slidesToScroll: 1,
    arrows: false,
    fade: true,
    asNavFor: '.listing_images_slider_nav'
});
$('.listing_images_slider_nav').slick({
    slidesToShow: 4,
    slidesToScroll: 1,
    asNavFor: '.listing_images_slider',
    dots: false,
    centerMode: true,
    focusOnSelect: true
});
/*
----- Price-Range -----
$("#price_range").slider({});

/*
----- Search-button -----
$("#search_toggle").click(function(){
    $("#header-search-form").slideToggle();
});

/*
----- Filter-Form -----
$("#filter_toggle").click(function(){
    $("#filter_form").slideToggle();
});

```

```

/*
----- Other-info -----
$("#other_info").click(function(){
    $("#info_toggle").slideToggle();
});
/*
----- back to top -----
var top = $('#back-top');
top .hide();

$(window).scroll(function () {
    if ($(this).scrollTop() > 100) {
        top .fadeIn();
    } else {
        top .fadeOut();
    }
});
$('#back-top a').on('click', function(e) {
    $('body,html').animate({
        scrollTop: 0
    }, 800);
    return false;
});
});
})(jQuery);

```

Owl.carousel.min.js

```

"function"!==typeof Object.create&&(Object.create=function(f){function g(){g.prototype=f;return new g}};
(function(f,g,k){var
l={init:function(a,b){this.$elem=f(b);this.options=f.extend({},f.fn.owlCarousel.options,this.$elem.data(),a);this.
userOptions=a;this.loadContent()},loadContent:function(){function a(a){var d,e="";if("function"===typeof
b.options.jsonSuccess)b.options.jsonSuccess.apply(this,[a]);else{for(d in
a.owl)a.owl.hasOwnProperty(d)&&(e+=a.owl[d].item);b.$elem.html(e)}b.logIn()}var
b=this,e;"function"===typeof
b.options.beforeInit&&b.options.beforeInit.apply(this,[b.$elem]);"string"===typeof b.options.jsonPath?
(e=b.options.jsonPath,f.getJSON(e,a)):b.logIn(),logIn:function(){this.$elem.data("owl-
originalStyles",this.$elem.attr("style"));this.$elem.data("owl-
originalClasses",this.$elem.attr("class"));this.$elem.css({opacity:0});this.originalItems=this.options.items;this.ch
eckBrowser();this.wrapperWidth=0;this.checkVisible=null;this.setVars(),setVars:function(){if(0===this.$elem
.children().length)return!1;this.baseClass();this.eventTypes();this.$userItems=this.$elem.children();this.itemsA
mount=this.$userItems.length;
this.wrapItems();this.$owlItems=this.$elem.find(".owl-item");this.$owlWrapper=this.$elem.find(".owl-
wrapper");this.playDirection="next";this.prevItem=0;this.prevArr=[0];this.currentItem=0;this.customEvents();th
is.onStartUp(),onStartUp:function(){this.updateItems();this.calculateAll();this.buildControls();this.updateContro
ls();this.response();this.moveEvents();this.stopOnHover();this.owlStatus();!1!==this.options.transitionStyle&&t
his.transitionTypes(this.options.transitionStyle);!0===this.options.autoPlay&&
(this.options.autoPlay=5E3);this.play();this.$elem.find(".owl-
wrapper").css("display","block");this.$elem.is(":visible")?this.$elem.css("opacity",1):this.watchVisibility();this.
onstartUp=!1;this.eachMoveUpdate();"function"===typeof

```

```

this.options.afterInit&&this.options.afterInit.apply(this,[this.$elem]),eachMoveUpdate:function(){!0==this.o
ptions.lazyLoad&&this.lazyLoad();!0==this.options.autoHeight&&this.autoHeight();this.onVisibleItems(),"fu
nction"==typeof this.options.afterAction&&this.options.afterAction.apply(this,
[this.$elem]),updateVars:function() {"function"==typeof
this.options.beforeUpdate&&this.options.beforeUpdate.apply(this,[this.$elem]);this.watchVisibility();this.updat
eItems();this.calculateAll();this.updatePosition();this.updateControls();this.eachMoveUpdate();"function"==ty
peof      this.options.afterUpdate&&this.options.afterUpdate.apply(this,[this.$elem}),reload:function() {var
a=this;g.setTimeout(function() {a.updateVars(),0}),watchVisibility:function() {var
a=this;if(!1==a.$elem.is(":visible"))a.$elem.css({opacity:0}),
g.clearInterval(a.autoPlayInterval),g.clearInterval(a.checkVisible);else
return!1;a.checkVisible=g.setInterval(function() {a.$elem.is(":visible")&&(a.reload(),a.$elem.animate({opacity:
1},200),g.clearInterval(a.checkVisible)),500},wrapItems:function() {this.$userItems.wrapAll('<div
class="owl-wrapper">').wrap('<div      class="owl-item"></div>');this.$elem.find(".owl-wrapper").wrap('<div
class="owl-wrapper-outer">');this.wrapperOuter=this.$elem.find(".owl-wrapper-
outer");this.$elem.css("display","block")},
baseClass:function() {var
a=this.$elem.hasClass(this.options.baseClass),b=this.$elem.hasClass(this.options.theme);a||this.$elem.addClass(
this.options.baseClass);b||this.$elem.addClass(this.options.theme)},updateItems:function() {var
a,b;if(!1==this.options.responsive)return!1;if(!0==this.options.singleItem)return
this.options.items=this.originalItems=1,this.options.itemsCustom=!1,this.options.itemsDesktop=!1,this.options.it
emsDesktopSmall=!1,this.options.itemsTablet=!1,this.options.itemsTabletSmall=
!1,this.options.itemsMobile=!1;a=f(this.options.responsiveBaseWidth).width();a>(this.options.itemsDesktop[0]||
this.originalItems)&&(this.options.items=this.originalItems);if(!1!=this.options.itemsCustom)for(this.options.it
emsCustom.sort(function(a,b){return
a[0]-b[0]}),b=0;b<this.options.itemsCustom.length;b+=1)this.options.itemsCustom[b][0]<=a&&(this.options.items=
this.options.itemsCustom[b][1]);else
a<=this.options.itemsDesktop[0]&&!1==this.options.itemsDesktop&&(this.options.items=this.options.itemsDe
sktop[1]),
a<=this.options.itemsDesktopSmall[0]&&!1==this.options.itemsDesktopSmall&&(this.options.items=this.opt
ions.itemsDesktopSmall[1]),a<=this.options.itemsTablet[0]&&!1==this.options.itemsTablet&&(this.options.it
ems=this.options.itemsTablet[1]),a<=this.options.itemsTabletSmall[0]&&!1==this.options.itemsTabletSmall&&
(this.options.items=this.options.itemsTabletSmall[1]),a<=this.options.itemsMobile[0]&&!1==this.options.item
sMobile&&(this.options.items=this.options.itemsMobile[1]);this.options.items>this.itemsAmount&&
!0==this.options.itemsScaleUp&&(this.options.items==this.itemsAmount)},response:function() {var
a=this,b,e;if(!0==a.options.responsive)return!1;e=f(g).width();a.resizer=function() {f(g).width()!==e&&(!1==a
.options.autoPlay&&g.clearInterval(a.autoPlayInterval),g.clearTimeout(b),b=g.setTimeout(function() {e=f(g).wi
dth();a.updateVars(),a.options.responsiveRefreshRate});f(g).resize(a.resizer)},updatePosition:function() {this.j
umpTo(this.currentItem);!1==this.options.autoPlay&&this.checkAp()},appendItemsSizes:function() {var a=
this,b=0,e=a.itemsAmount-a.options.items;a.$owlItems.each(function(c){var
d=f(this);d.css({width:a.itemWidth}).data("owl-
item",Number(c));if(0==c%a.options.items||c==e)c>e||(b+=1);d.data("owl-
roundPages",b)}),appendWrapperSizes:function() {this.$owlWrapper.css({width:this.$owlItems.length*this.it
emWidth*2,left:0});this.appendItemsSizes(),calculateAll:function() {this.calculateWidth();this.appendWrapperS
izes();this.loops();this.max(),calculateWidth:function() {this.itemWidth=Math.round(this.$elem.width()/
this.options.items)},max:function() {var
a=-1*(this.itemsAmount*this.itemWidth-
this.options.items*this.itemWidth);this.options.items>this.itemsAmount?this.maximumPixels=a==this.maximum
Item=0:(this.maximumItem=this.itemsAmount-this.options.items,this.maximumPixels=a);return
a},min:function() {return
a=0,b=0,e,c;this.positionsInArray=[0];this.pagesInArray=[];for(e=0;e<this.itemsAmount;e+=1)b+=this.itemWid
th;this.positionsInArray.push(-b),!0==this.options.scrollPerPage&&(c=f(this.$owlItems[e]),
c=c.data("owl-
roundPages"),c!=a&&(this.pagesInArray[a]=this.positionsInArray[e],a=c))},buildControls:function() {if(!0==

```

```

this.options.navigation||!0==this.options.pagination)this.owlControls=f('<div class="owl-controls">').toggleClass("clickable",!this.browser.isTouch).appendTo(this.$elem);!0==this.options.pagination &&this.buildPagination();!0==this.options.navigation&&this.buildButtons(),buildButtons:function() {var a=this,b=f('<div class="owl-buttons"/>');a.owlControls.append(b);a.buttonPrev=f("<div>","{"class":"owl-prev"},html:a.options.navigationText[0]||""});a.buttonNext=f("<div>","{"class":"owl-next"},html:a.options.navigationText[1]||""");b.append(a.buttonPrev).append(a.buttonNext);b.on("touchstart.owlControls mousedown.owlControls",div[class^="owl"],function(a){a.preventDefault()});b.on("touchend.owlControls mouseup.owlControls",div[class^="owl"],function(b){b.preventDefault();f(this).hasClass("owl-next")?a.next():a.prev()}),buildPagination:function() {var a=this;a.paginationWrapper=f('<div class="owl-pagination">');a.owlControls.append(a.paginationWrapper);a.paginationWrapper.on("touchend.owlControls mouseup.owlControls",".owl-page",function(b){b.preventDefault();Number(f(this).data("owl-page"))!=a.currentItem&&a.goTo(Number(f(this).data("owl-page")),!0)}),updatePagination:function() {var a,b,e,c,d,g;if(!1==this.options.pagination)return!1;this.paginationWrapper.html("");a=0;b=this.itemsAmount-this.itemsAmount%this.options.items;for(c=0;c<this.itemsAmount;c+=1)0==c%this.options.items&&(a+=1,b==c&&(e=this.itemsAmount-this.options.items),d=f('<div>','{"class":"owl-page"}),g=f('<span></span>',{text:!0==this.options.paginationNumbers?a:"","class":!0==this.options.paginationNumbers?"owl-numbers":""}),d.append(g),d.data("owl-page",b==c?e:c),d.data("owl-roundPages",a),this.paginationWrapper.append(d));this.checkPagination(),checkPagination:function() {var a=this;if(!1==a.options.pagination)return!1;a.paginationWrapper.find(".owl-page").each(function() {f(this).data("owl-roundPages")===f(a.$owlItems[a.currentItem]).data("owl-roundPages")&&(a.paginationWrapper.find(".owl-page").removeClass("active"),f(this).addClass("active"))}),checkNavigation:function() {if(!1==this.options.pagination)return!1;1==this.options.rewindNav&&(0==this.currentItem&&0==this.maximumItem?(this.buttonPrev.addClass("disabled"),this.buttonNext.addClass("disabled")):0==this.currentItem&&0!=this.maximumItem?(this.buttonPrev.addClass("disabled"),this.buttonNext.removeClass("disabled")):this.currentItem==this.maximumItem?(this.buttonPrev.removeClass("disabled"),this.buttonNext.addClass("disabled")):0!=this.currentItem&&this.currentItem==this.maximumItem&&(this.buttonPrev.removeClass("disabled"),this.buttonNext.removeClass("disabled")),this.buttonNext.removeClass("disabled"))},updateControls:function() {this.updatePagination();this.checkNavigation();this.owlControls&&(this.options.items>=this.itemsAmount?this.owlControls.hide():this.owlControls.show()),destroyControls:function() {this.owlControls&&this.owlControls.remove()},next:function(a) {if(this.isTransition)return!1;this.currentItem+=!0==this.options.scrollPerPage?this.options.items:1;if(this.currentItem>this.maximumItem+(!0==this.options.scrollPerPage?this.options.items-1:0))if(!0==this.options.rewindNav)this.currentItem=0,a="rewind";else return this.currentItem=this.maximumItem,!1;this.goTo(this.currentItem,a)},prev:function(a) {if(this.isTransition)return!1;this.currentItem=!0==this.options.scrollPerPage&&0<this.currentItem&&this.currentItem<this.options.items?0:this.currentItem-(!0==this.options.scrollPerPage?this.options.items-1);if(0>this.currentItem)if(!0==this.options.rewindNav)this.currentItem=this.maximumItem,a="rewind";else return this.currentItem=0,!1;this.goTo(this.currentItem,a)},goTo:function(a,b,e) {var c=this;if(c.isTransition)return!1;"function"==typeof c.options.beforeMove&&c.options.beforeMove.apply(this,[c.$elem]);a>=c.maximumItem?a=c.maximumItem:0>=a&&(a=0);c.currentItem=c.owl.currentItem=a;if(!1==c.options.transitionStyle&&"drag"!=e&&1==c.options.items&&!0==c.browser.support3d)return c.swapSpeed(0),!0==c.browser.support3d?c.transition3d(c.positionsInArray[a]):c.css2slide(c.positionsInArray[a],1),c.afterGo(),c.singleItemTransition(),!1;a=c.positionsInArray[a];!0==c.browser.support3d?(c.isCss3Finish=!1,!0==b?(c.swapSpeed("paginationSpeed"),g.setTimeout(function() {c.isCss3Finish=!0},c.options.paginationSpeed)):"rewind"==b?(c.swapSpeed(c.options.rewindSpeed),g.setTimeout(function() {c.isCss3Finish=!0},c.options.rewindSpeed)):c.swapSpeed("slideSpeed"),g.setTimeout(function() {c.isCss3Finish=!0},
```

CHAPTER 5

DATABASE DESIGN

In this chapter, we have mentioned the database that was implemented for the project along with the schema structure and tables that were used.

5.1 Database used

MySQL is an open-source relational database management system (RDBMS) that is widely used for building scalable and reliable web applications. Developed by MySQL AB, now owned by Oracle Corporation, MySQL is known for its speed, reliability, and ease of use. It adheres to the SQL (Structured Query Language) standard, making it compatible with a wide range of applications and tools. MySQL's architecture is based on a client-server model, where client applications communicate with the MySQL server over a network connection.

One of MySQL's key features is its robust performance. It is optimized for speed and efficiency, making it suitable for high-traffic websites and applications. MySQL utilizes various optimization techniques, such as indexing, caching, and query optimization, to ensure fast and responsive database operations. Additionally, MySQL offers support for various storage engines, including InnoDB, MyISAM, and Memory, allowing developers to choose the engine that best fits their specific requirements, whether it be transaction support, full-text search capabilities, or memory storage for caching purposes.

Another notable aspect of MySQL is its scalability and flexibility. MySQL can handle large volumes of data and concurrent connections, making it suitable for both small-scale projects and enterprise-level applications. With features like replication, sharding, and clustering, MySQL enables developers to build highly scalable and fault-tolerant systems that can handle growing workloads and ensure high availability. Moreover, MySQL's open-source nature fosters a vibrant community of developers and contributors who continuously improve and extend its functionality, providing users with access to a rich ecosystem of plugins, tools, and extensions to enhance their MySQL deployments. Whether used for simple websites, e-commerce platforms, or mission-critical applications, MySQL remains a popular choice for powering dynamic and data-driven web applications across the globe.

5.2 Database schema and Tables

```
CREATE TABLE IF NOT EXISTS `admin` (
  `id` int(11) NOT NULL,
  `UserName` varchar(100) NOT NULL,
  `Password` varchar(100) NOT NULL,
  `updationDate` timestamp NOT NULL DEFAULT '0000-00-00 00:00:00' ON UPDATE CURRENT_TIMESTAMP
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=latin1;
```

```
CREATE TABLE IF NOT EXISTS `tblbooking` (
  `id` int(11) NOT NULL,
  `userEmail` varchar(100) DEFAULT NULL,
  `VehicleId` int(11) DEFAULT NULL,
  `FromDate` varchar(20) DEFAULT NULL,
  `ToDate` varchar(20) DEFAULT NULL,
  `message` varchar(255) DEFAULT NULL,
  `Status` int(11) DEFAULT NULL,
  `PostingDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=latin1;
```

```
CREATE TABLE IF NOT EXISTS `tblbrands` (
  `id` int(11) NOT NULL,
  `BrandName` varchar(120) NOT NULL,
  `CreationDate` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE CURRENT_TIMESTAMP
) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=latin1;
```

```
CREATE TABLE IF NOT EXISTS `tblcontactusinfo` (
  `id` int(11) NOT NULL,
  `Address` tinytext,
  `EmailId` varchar(255) DEFAULT NULL,
  `ContactNo` char(11) DEFAULT NULL
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=latin1;
```

```
CREATE TABLE IF NOT EXISTS `tblcontactusquery` (
  `id` int(11) NOT NULL,
  `name` varchar(100) DEFAULT NULL,
  `EmailId` varchar(120) DEFAULT NULL,
  `ContactNumber` char(11) DEFAULT NULL,
  `Message` longtext,
  `PostingDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `status` int(11) DEFAULT NULL
)
```

```
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=latin1;
```

```
CREATE TABLE IF NOT EXISTS `tblpages` (
  `id` int(11) NOT NULL,
  `PageName` varchar(255) DEFAULT NULL,
  `type` varchar(255) NOT NULL DEFAULT '',
  `detail` longtext NOT NULL
) ENGINE=MyISAM AUTO_INCREMENT=22 DEFAULT CHARSET=latin1;
```

```
CREATE TABLE IF NOT EXISTS `tblsubscribers` (
  `id` int(11) NOT NULL,
  `SubscriberEmail` varchar(120) DEFAULT NULL,
  `PostingDate` timestamp NULL DEFAULT CURRENT_TIMESTAMP
) ENGINE=InnoDB AUTO_INCREMENT=4 DEFAULT CHARSET=latin1;
```

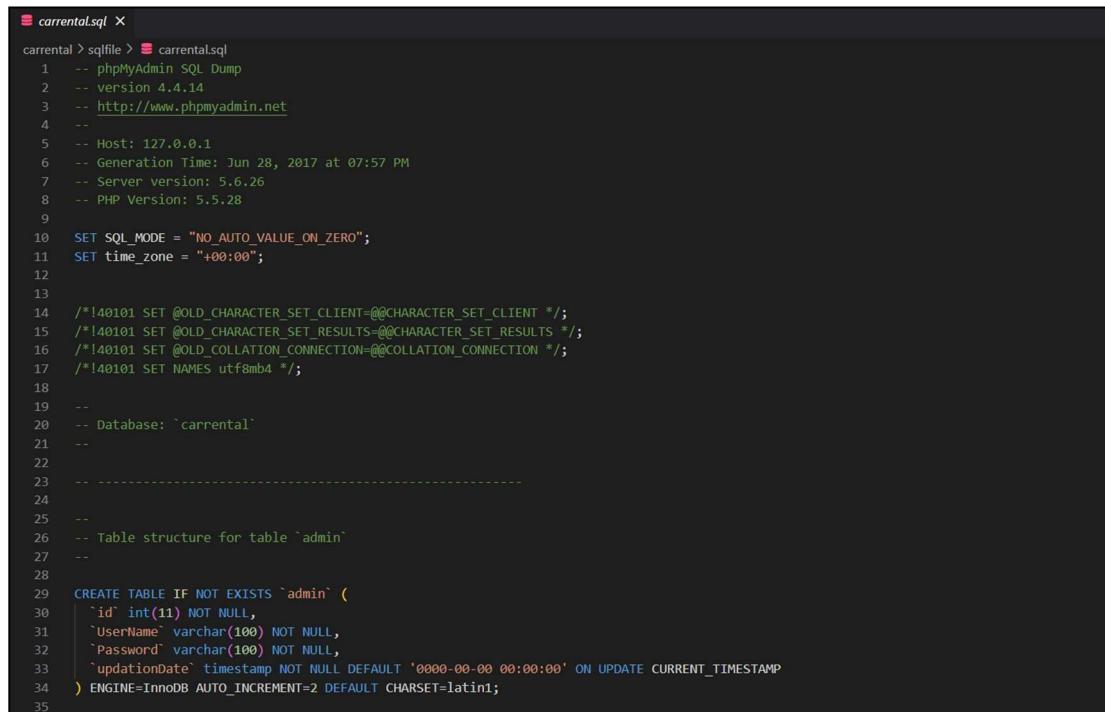
```
CREATE TABLE IF NOT EXISTS `tbltestimonial` (
  `id` int(11) NOT NULL,
  `UserEmail` varchar(100) NOT NULL,
  `Testimonial` mediumtext NOT NULL,
  `PostingDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `status` int(11) DEFAULT NULL
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=latin1;
```

```
CREATE TABLE IF NOT EXISTS `tblusers` (
  `id` int(11) NOT NULL,
  `FullName` varchar(120) DEFAULT NULL,
  `EmailId` varchar(100) DEFAULT NULL,
  `Password` varchar(100) DEFAULT NULL,
  `ContactNo` char(11) DEFAULT NULL,
  `dob` varchar(100) DEFAULT NULL,
  `Address` varchar(255) DEFAULT NULL,
  `City` varchar(100) DEFAULT NULL,
  `Country` varchar(100) DEFAULT NULL,
  `RegDate` timestamp NULL DEFAULT CURRENT_TIMESTAMP,
  `UpdationDate` timestamp NULL DEFAULT NULL ON UPDATE CURRENT_TIMESTAMP
) ENGINE=InnoDB AUTO_INCREMENT=5 DEFAULT CHARSET=latin1;
```

5.3 Database Connectivity

In a car selling portal, efficient database connectivity is vital for managing various aspects of the business, including inventory, user profiles, transactions, and more. A relational database management system (RDBMS) like MySQL is often employed due to its reliability, scalability, and performance. The portal's database schema typically consists of tables for cars (including attributes like make, model, year, price, etc.), users (for buyer and seller profiles), transactions (for sales history), and possibly additional tables for images, reviews, and more.

To ensure seamless connectivity, the portal utilizes server-side scripting languages like PHP, along with SQL queries to interact with the database. For instance, when a user searches for a car, the portal executes SQL queries to retrieve matching records from the database based on specified criteria such as make, model, or price range. Similarly, when a user wants to list a car for sale, the portal inserts a new record into the cars table, capturing all relevant details.



```
carrentalsql >
carrental > sqlfile > carrental.sql
1 -- phpMyAdmin SQL Dump
2 -- version 4.4.14
3 -- http://www.phpmyadmin.net
4 --
5 -- Host: 127.0.0.1
6 -- Generation Time: Jun 28, 2017 at 07:57 PM
7 -- Server version: 5.6.26
8 -- PHP Version: 5.5.28
9
10 SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
11 SET time_zone = "+00:00";
12
13
14 /*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
15 /*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
16 /*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
17 /*!40101 SET NAMES utf8mb4 */;
18
19 --
20 -- Database: `carrental`
21 --
22
23 --
24
25 --
26 -- Table structure for table `admin`
27 --
28
29 CREATE TABLE IF NOT EXISTS `admin` (
30   `id` int(11) NOT NULL,
31   `UserName` varchar(100) NOT NULL,
32   `Password` varchar(100) NOT NULL,
33   `updateDate` timestamp NOT NULL DEFAULT '0000-00-00 00:00:00' ON UPDATE CURRENT_TIMESTAMP
34 ) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=latin1;
35
```

Figure 5.3.1 – Database Connectivity

CHAPTER 6

SCREENSHOTS

In this chapter, we have added all the screen captures of all the pages present in our project.

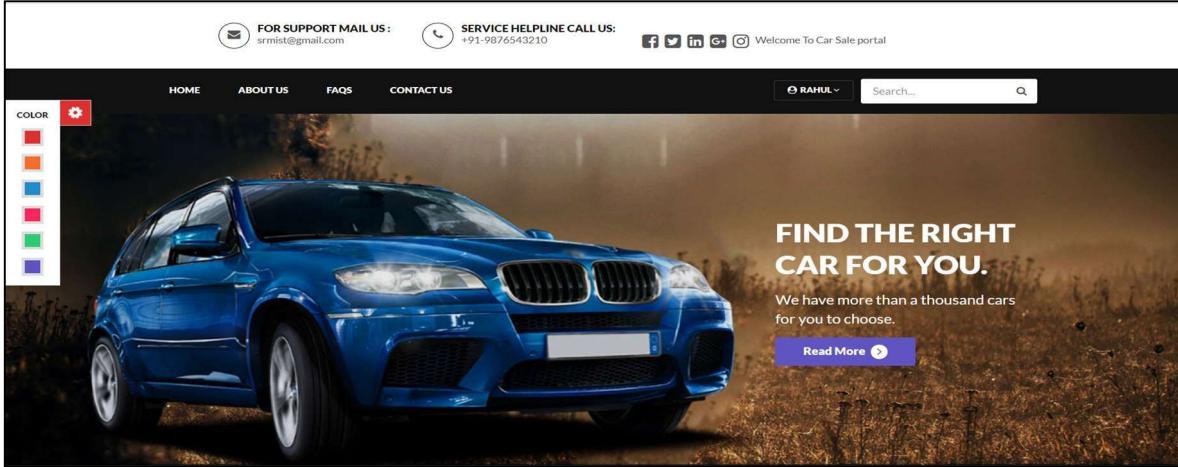


Figure 6.1 – User Interface

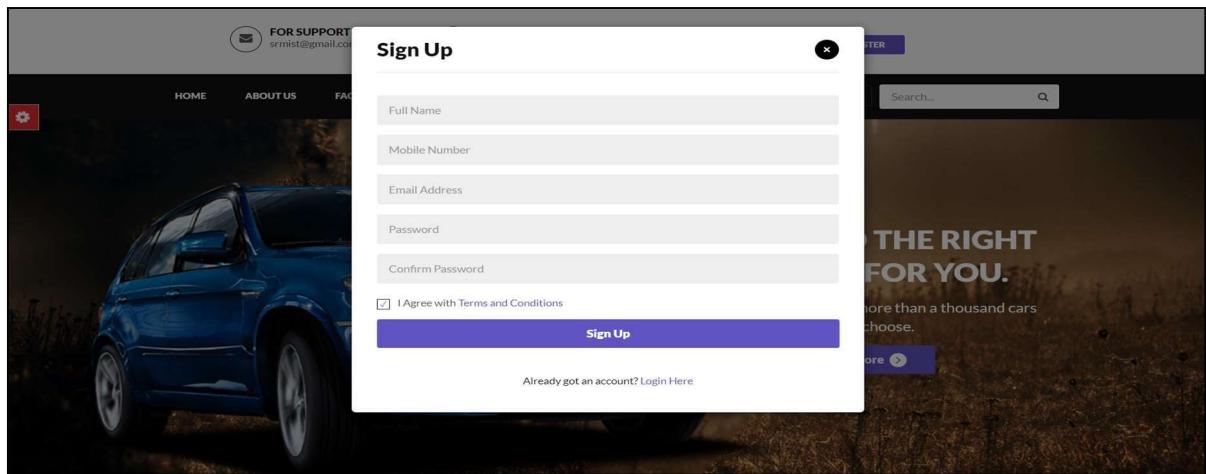


Figure 6.2 – Sign up Page

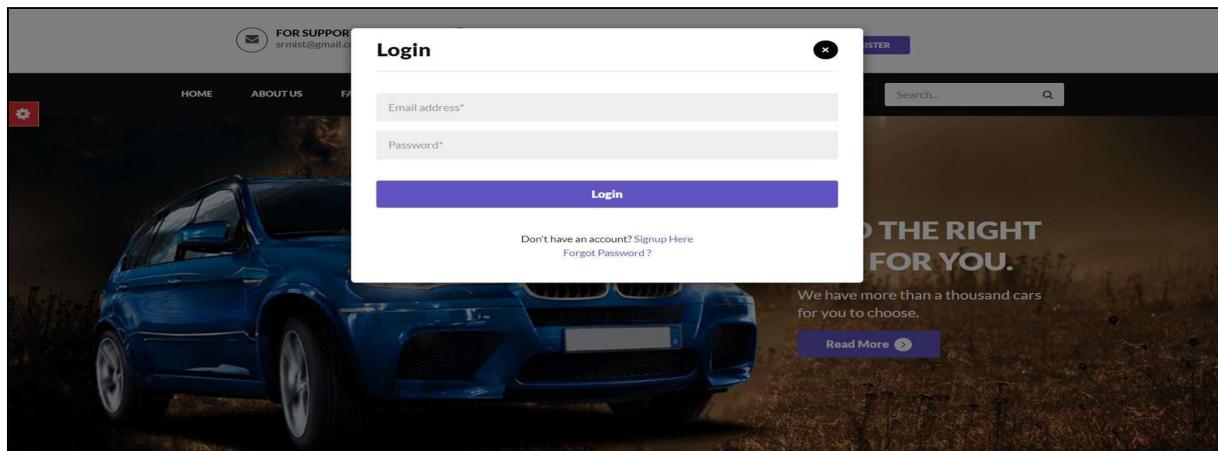


Figure 6.3 – Login page

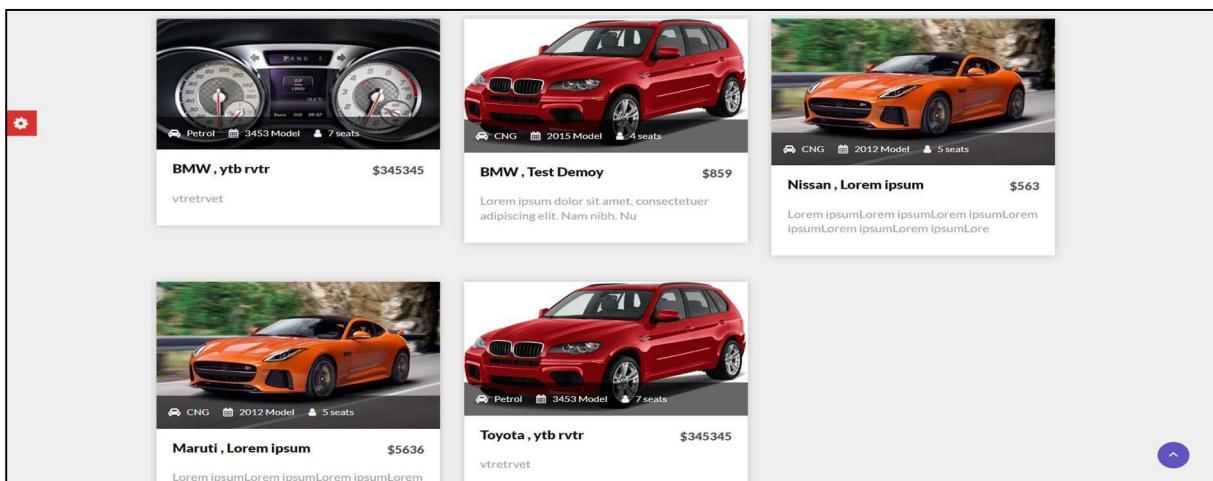


Figure 6.4 – Car listing

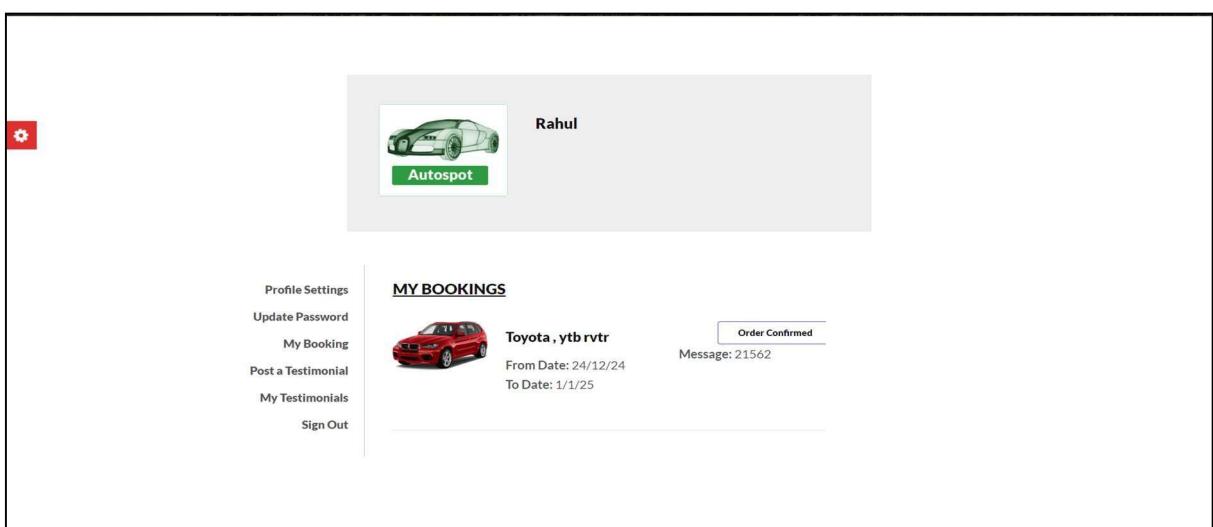


Figure 6.5 – Order Confirmation page

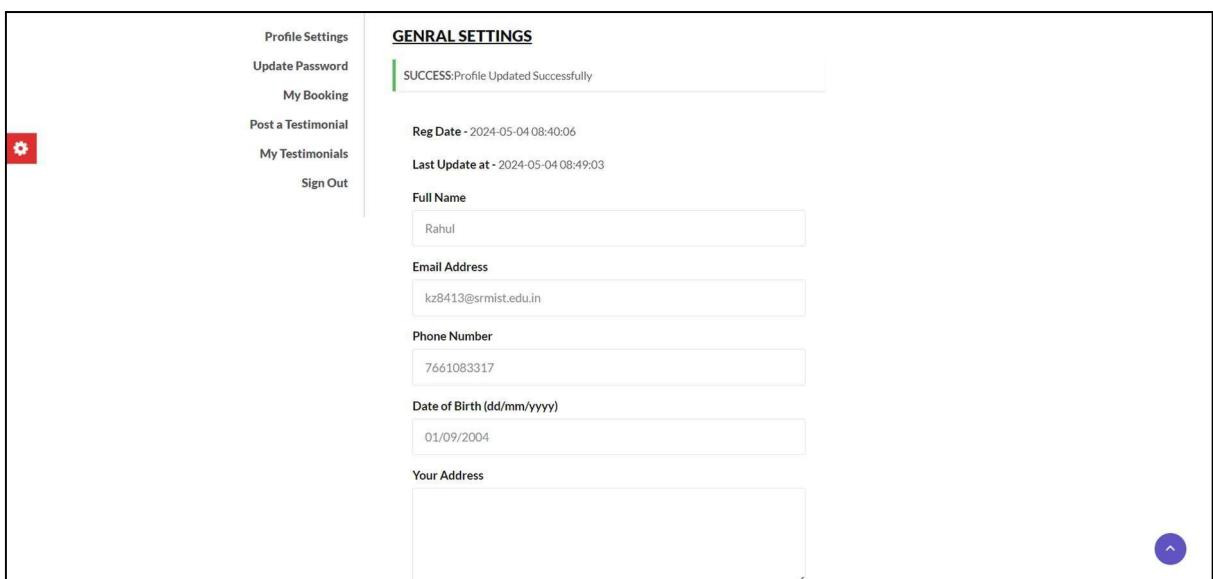


Figure 6.6 – User Profile Settings

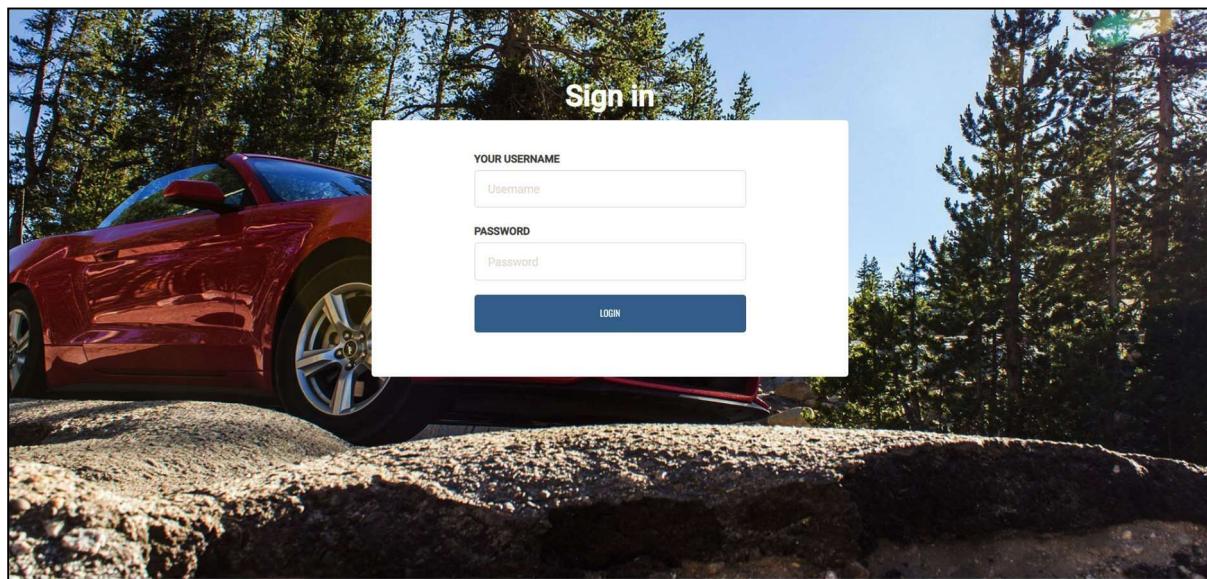


Figure 6.7 – Admin login page

A screenshot of the admin dashboard titled 'Dashboard'. The left sidebar shows a navigation menu with items like 'Dashboard', 'Brands', 'Vehicles', 'Manage Booking', etc. The main area displays several performance metrics in colored boxes: 4 REG USERS (blue), 5 LISTED VEHICLES (green), 5 TOTAL BOOKINGS (light blue), 7 LISTED BRANDS (orange), 1 SUBSCRIBERS (dark blue), 1 QUERIES (light green), and 2 TESTIMONIALS (light blue). Each metric has a 'FULL DETAIL →' link below it.

Figure 6.8 – Admin Dashboard

A screenshot of the 'Registered Users' list page. The left sidebar is identical to the dashboard. The main area is titled 'Registered Users' and shows a table of user data. The columns are: #, Name, Email, Contact no, DOB, Address, City, Country, and Reg Date. There are 4 entries listed. At the bottom, there's a search bar, a 'Show 10 entries' dropdown, and a 'PREVIOUS'/'NEXT' navigation bar.

Figure 6.9 – Registered Users

CHAPTER 7

CONCLUSION AND FUTURE WORK

In this chapter, the conclusion that we have come to after completing this project has been written along with future work regarding this concept.

7.1 Conclusion

In conclusion, our car selling portal web development project has achieved significant milestones in creating a comprehensive platform for buying and selling vehicles online. We successfully designed and developed a responsive web application with key features such as user authentication, car listings management, and secure payment processing. Overcoming various challenges, including technical complexities, and ensuring robust security measures, we've built a platform that offers a seamless user experience across devices. Throughout the development process, we've gained valuable insights into user needs, emphasizing the importance of user-friendly interfaces and efficient search functionalities. By leveraging agile methodologies, we've been able to adapt to evolving requirements and deliver a product that meets our objectives.

7.2 Further Work

Moving forward there are several areas we aim to enhance and improve upon. Firstly, we plan to introduce additional features to enrich the user experience, such as advanced search filters based on mileage, year, and price range. Additionally, we see value in implementing a recommendation engine to personalize suggestions for users based on their preferences and browsing history. Furthermore, integrating a messaging system will facilitate communication between buyers and sellers, enhancing the overall transaction experience. From a technical standpoint, optimizing performance will be a priority. We aim to minimize page load times and ensure the scalability of our application to handle larger volumes of traffic. Implementing caching mechanisms and optimizing database queries will contribute to a smoother user experience.

REFERENCES

These are the references with which we were able to build this project

1. <https://www.w3schools.com/php/>
2. <https://www.geeksforgeeks.org/sql-tutorial/>
3. [https://www.w3schools.com/js/js ajax_intro.asp](https://www.w3schools.com/js/js_ajax_intro.asp)
4. <https://jquery.com/>
5. <https://getbootstrap.com/docs/5.3/examples/>
6. <https://chatgpt.com/?oai-dm=1>
7. <https://www.perplexity.ai/>
8. <https://www.behance.net/search/projects/Grocery%20website>
9. <https://www.w3schools.com/w3css/default.asp>
10. <https://www.w3schools.com/mysql/default.asp>

GitHub Link - <https://github.com/rahul-200/Car-selling-portal>