#### VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590010



#### DBMS MINI PROJECT REPORT

ON

#### "VEHICLE SHOWROOM MANAGEMENT SYSTEM"

Submitted in partial fulfillment for the requirements for the fifth semester

#### **BACHELOR OF ENGINEERING**

#### IN COMPUTER SCIENCE AND ENGINEERING

For the Academic Year 2021-2022

Submitted by:

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It is certified that the **DBMS Mini Project work** entitled "**VEHICLE SHOWROOM MANAGEMENT SYSTEM**" is carried out by **SHREY RAJ & REHAN NADEEMULLA** are bonafide students of **Sir M Visvesvaraya Institute of Technology** in partial fulfillment for the 5<sup>th</sup> semester for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of the **Visvesvaraya Technological University, Belagavi** during the academic year **2021-2022.**It is certified that all corrections and suggestions indicated for Internal Assessment have been incorporated in the report deposited in the department library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the course of Bachelor of Engineering.

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Principal, Sir MVIT Bengaluru – 562157

**External Examination:** 

Name of Examiner

Signature with Date

1)

2)

## **DECLARATION**

We hereby declare that the entire project work embodied in this dissertation has been carried out by us and no part has been submitted for any degree or diploma of any institution previously.
Place: Bengaluru
Date: 31 JAN 2022
Signature of Students:
SHREY RAJ  1MV19CS102  REHAN NADEEMULLA  1MV19CS092

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IV

### **ABSTRACT**

### **Objective:-**

This system "Vehicle Showroom Management" allows providing vehicle purchase. If customer wants to purchase a new vehicle based on their choice this project helps the showroom services to function properly and provide customers with full satisfactions.

The real power of this project lies not in direct selling of products, but in the creation of tighter relationships with customers and delivering of a high level of service and support, which in turn improves organization sales and its goodwill. As the number of customers and size of operations increases, the organization divides the geographical area into service areas and branch locations, to allow Engineers to be more responsive to the customer-needs.

### This project contains 5 modules namely:-

- > Staff Module
- **Dealer Module**
- Vehicle Module
- **Customer Module**
- Order Module

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Introduction

### INTRODUCTION

Dealer Business Management enables efficient Service order Processing and billing designed for any given number of orders per day .it includes Service requests and Scheduling ,Optimization of techicans,tools , and parts as well as their deployment and scheduling .User friendly interfaces provides ease of use and the integration technology ensure a seamless and smooth business process into OEM channel System, including ,job and Package Catalogs, Vehicle history files ,Warranty Systems, etc. Service monitoring and analysis increases the Visibility in Overall fixed Operations and helps increases service Capacity utilization ,efficiency and decreased operating cost.

The real power of this project lies not in direct selling of products, but in the creation of tighter relationships with customers and delivering of a high level of service and support, which in turn improves organization sales and its goodwill. A service organization is a business entity that takes care of servicing a customer instrument in the after sales domain. As the number of customers and size of operations increases, the organization divides the geographical area into service areas and branch locations, to allow Engineers to be more responsive to the customer-needs.

#### This project contains 5 modules namely:-

- > Staff Module
- Dealer Module
- Vehicle Module
- **Customer Module**
- Order Module



#### **SYSTEM ANALYSIS:**

#### 1. Existing System

Existing system is a manual one in which users are maintaining books to store the information like product details, Distributors details, purchases, sales details and accounts for every month. It is very difficult to maintain historical data.

The following are the disadvantages of the existing system

- It is difficult to maintain important information in books.
- More manual hours need to generate required reports.
- It is tedious to manage historical data which needs much space to keep all the previous years' ledgers, books etc.
- Daily sales and purchases details must be entered into books are very difficult to maintain.

#### 2. Proposed System

The **VEHICLE SHOWROOM MANAGEMENT** TOOL is a software application which avoids more manual hours that need to spend in record keeping and generating reports. This application keeps the data in a centralized way which is available to all the users simultaneously. It is very easy to manage historical data in database. No specific training is required for the distributors to use this application. They can easily use the tool that decreases manual hours spending for normal things and hence increases the performance. It is very easy to record the information of online sales and purchases in the databases.

### 3. Objective of the System

The objective of the Vehicle Services is to provide better information for the users of this system for better results for their maintainence in the product details that is sales, purchases and stock.

### **System Specifications**

### Hardware Requirements:-

- Pentium-IV(Processor).
- 256 MB Ram
- 512 KB Cache Memory
- Hard disk 10 GB
- Microsoft Compatible 101 or more Key Board

### Software Requirements: -

• **Operating System:** Windows

• Programming language: Django

• Front-End: HTML-CSS

• Back-End: Django

• Web Server: Django Live Server



### **DESIGN INTRODUCTION**

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

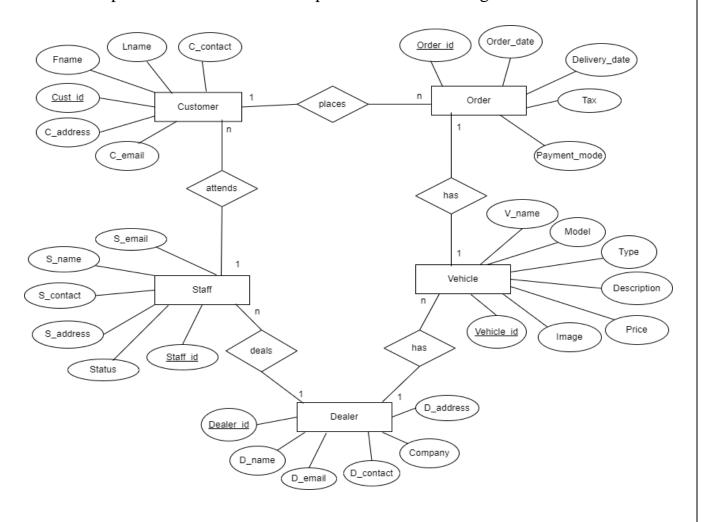
The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data.

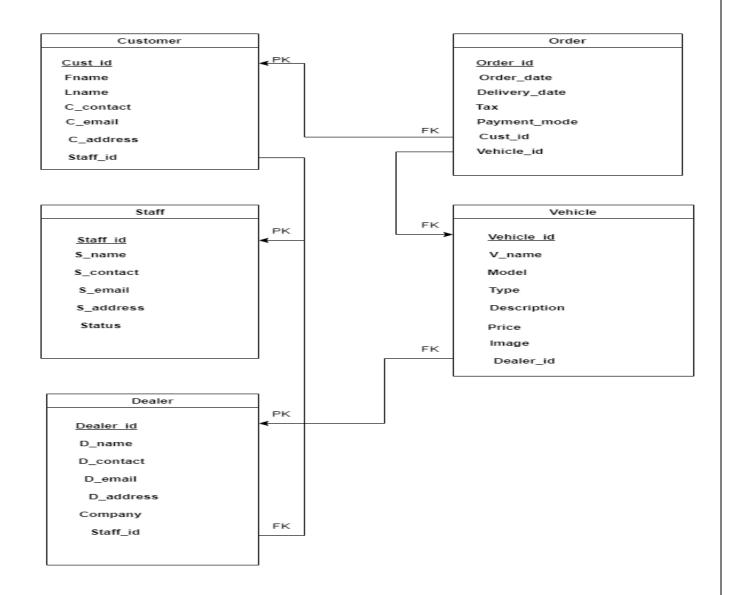
### **E-R Diagrams:**

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually represents data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design For the database designer, the utility of the ER model is:

- it maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- it is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in a specific database management software.



# **UML DIAGRAM**



# **SOURCE CODE**

# admin.py

```
from django.contrib import admin
from .models import *
# Register your models here.

admin.site.register(StaffModel)
admin.site.register(DealerModel)
admin.site.register(VehicleModel)
admin.site.register(CustomerModel)
admin.site.register(OrderModel)
```

# forms.py

```
from django import forms
from django.db.models import fields
from django.forms import ModelForm, widgets
from django.utils.safestring import mark_safe
from django.forms.widgets import DateInput
from .models import *
class Customer(ModelForm):
    class Meta:
        model = CustomerModel
        fields='__all__'
        labels ={
            'fname':'First Name',
            'lname':'Last Name',
            'contact':'Contact Number',
            'cemail':'Email ID',
            'caddress':'Address',
            'staff_id':'Staff Name',
class Staff(ModelForm):
    class Meta:
        model = StaffModel
        fields=' all '
        labels ={
            'sname':'Name',
            'scontact':'Contact Number',
            'semail':'Email ID',
```

```
'saddress':'Address',
            'status':'Current Status',
class Dealer(ModelForm):
    class Meta:
        model = DealerModel
        fields='__all__'
        labels ={
            'dname':'Name',
            'dcontact':'Contact Number',
            'demail':'Email ID',
            'daddress':'Address',
            'dcompany':'Company Name',
            'staff_id':'Staff Name',
class Vehicle(ModelForm):
     class Meta:
        model = VehicleModel
        fields='__all__'
        labels ={
            'vname':'Name',
            'vmodel':'Vehicle Model',
            'vtype':'Select Vehicle Type',
            'vprice':'Price',
            'vimage':'Select Image',
            'vdescription':'Write Description',
            'v_dealer':'Select Dealer',
class OrderForm(ModelForm):
    class Meta:
        model =OrderModel
        fields ='__all__'
        labels = {
            'v_id':'Vehicle Name',
        widgets ={
            'order date': forms.DateInput(),
            'delivery_date':forms.DateInput(),
```

## models.py

```
from re import M, T
from django.db import models
from django.db.models.fields.related import ForeignKey
from datetime import date
from django.db.models.deletion import CASCADE
from django.core.validators import RegexValidator
# Create your models here.
class StaffModel(models.Model):
   STATUS =(
        ('Active','Active'),
        ('Inactive', 'Inactive'),
   alpha = RegexValidator(r'^[a-zA-Z]*$', 'Please Enter Valid Name')
   phone = RegexValidator(r'^[0-9]{10}$', 'Please Enter Valid Mobile Number')
   sname = models.CharField(max_length=50 ,validators=[alpha])
   semail = models.EmailField()
    scontact = models.CharField(max_length=10 ,
null=True,blank=True,validators=[phone])
   saddress = models.TextField()
   status = models.CharField(max_length=100, null=True, choices=STATUS)
   def __str__(self):
       return self.sname
class DealerModel(models.Model):
   alpha = RegexValidator(r'^[a-zA-Z]*$', 'Please Enter Valid Name')
   phone = RegexValidator(r'^[0-9]{10}$', 'Please Enter Valid Mobile Number')
   dname = models.CharField(max_length=50, validators=[alpha])
   demail = models.EmailField()
   dcontact = models.CharField(max_length=10 , null=True,blank=True
,validators=[phone])
   daddress = models.TextField()
   dcompany = models.CharField(max_length=50)
   staff name =
ForeignKey(StaffModel,on_delete=models.CASCADE,null=True,blank=True)
   def __str__(self):
       return self.dname
class VehicleModel(models.Model):
   TYPE = (
        ('Two Wheeler', 'Two Wheeler'),
        ('Four Wheeler', 'Four Wheeler'),
   vname = models.CharField(max length=50)
   vmodel = models.CharField(max_length=50)
   vtype =models.CharField(max_length=100,null=True,choices=TYPE)
   vprice= models.FloatField()
```

```
vdescription = models.TextField()
   vimage = models.FileField(upload_to="image/",null=True, blank=True)
   v_dealer =
ForeignKey(DealerModel,on_delete=models.CASCADE,null=True,blank=True)
   def __str_ (self):
        return self.vname
class CustomerModel(models.Model):
    alpha = RegexValidator(r'^[a-zA-Z]*$', 'Please Enter Valid Name')
   phone = RegexValidator(r'^[0-9]{10}$', 'Please Enter Valid Mobile Number')
    fname = models.CharField(max_length=50 ,validators=[alpha])
    lname = models.CharField(max_length=50,null=True,blank=True
,validators=[alpha])
    contact =models.CharField(max_length=10 , null=True,blank=True
,validators=[phone])
   cemail =models.EmailField()
   caddress = models.TextField()
    staff id =ForeignKey(StaffModel,on delete=models.CASCADE,null=True,blank=True)
class OrderModel(models.Model):
   MODE = (
        ('Cheque', 'Cheque'),
        ('Cash','Cash'),
        ('Net Banking','Net Banking')
   cust id =
models.ForeignKey(CustomerModel,on_delete=models.CASCADE,null=True,blank=True)
   vehicle name =
models.ForeignKey(VehicleModel,on delete=models.CASCADE,null=True,blank=True)
    order_date = models.DateField(default=date.today)
   delivery date = models.DateField(default=date.today)
   tax = models.FloatField()
    payment_mode = models.CharField(max_length= 60,
choices=MODE,null=True,blank=True)
```

# urls.py

```
from django.urls import path
from .views import *
from django.conf import settings
from django.conf.urls import static
urlpatterns = [
    path('', loginview, name="loginview"),
    path('login/validate/',loginuser,name="loginuser"),
    path('home/', indexview, name="indexview"),
    path('success/', successview, name="success"),

path('customers/', customersview, name="customersview"),
```

```
path('addcustomer/', addcustomerview, name="addcustomerview"),
   path('editcustomer/<int:pk>/', editcustomer, name="editcustomer"),
   path('searchcustomer/', searchcustomer, name="searchcustomer"),
   path('staff/', staffview, name="staffview"),
   path('addstaff/', addstaffview, name="addstaffview"),
     path('editstaff/<int:pk>/', editstaff, name="editstaff"),
     path('orders/<int:pk>',orders,name="orders"),
     path('invoice/<int:pk>/',invoiceview,name='invoice'),
   path('vehicle/', vehicleview, name="vehicleview"),
   path('addvehicle/', addvehicleview, name="addvehicleview"),
   path('dealer/', dealerview, name="dealerview"),
   path('addealer/', addealerview, name="addealerview"),
   path('editdealer/<int:pk>/', editdealer, name="editdealer"),
if settings.DEBUG:
   urlpatterns += static.static(settings.STATIC URL,
document root=settings.STATIC ROOT)
    urlpatterns += static.static(settings.MEDIA_URL,
document root=settings.MEDIA ROOT)
```

# views.py

```
from decimal import Context
from django import http
from django.db.models.aggregates import Count
from django.db.models.fields import NullBooleanField
from django.http import request
from .models import *
from django.shortcuts import redirect, render
from .forms import *
from django.db.models.functions import Lower
from django.contrib.auth import authenticate,login
from django.contrib import messages
from django.contrib.auth.models import User
from django.forms import inlineformset_factory
from django.db.models import Sum, F
from datetime import date
from django.http import JsonResponse
from django.db.models.functions import ExtractMonth
from django.views.generic.list import ListView
# Create your views here.
def loginview(request):
   return render(request, "login.html")
```

```
def loginuser(request):
   # user=User.objects.create_user('Rehan','rehan123').save()
    username=request.POST['username']
    password=request.POST['password']
    user = authenticate(username=username, password=password)
    if user is not None:
        login(request,user)
        return redirect("indexview")
    else:
        messages.add_message(request, messages.INFO, 'Invalid Login. Username or
password incorrect')
        return redirect(request.META['HTTP_REFERER'])
def indexview(request):
    order = OrderModel.objects.filter(order_date=date.today()).count()
    cust=CustomerModel.objects.count()
    total orders=OrderModel.objects.count()
    params ={'order':order,'cust':cust,'total_orders':total_orders}
    return render(request, "index.html", params)
def successview(request):
    return render(request, "success.html")
def customersview(request):
    customers= CustomerModel.objects.all().order_by(Lower('fname'))
    context ={'customers':customers}
    return render(request, "customers.html" ,context)
def addcustomerview(request):
   form = Customer()
    if request.method == 'POST':
        form=Customer(request.POST)
        if form.is valid():
            form.save()
            return redirect(request.META['HTTP_REFERER'])
    context ={'form':form}
    return render(request, "addcustomer.html", context)
def searchcustomer(request):
    query = request.GET['query']
    allcustomers = CustomerModel.objects.filter(fname icontains=query)
    params ={'allcustomers':allcustomers,'query':query}
    return render(request, "searchcustomer.html", params)
def editcustomer(request,pk):
    customer = CustomerModel.objects.get(id=pk)
    form = Customer(instance=customer)
   if request.method == 'POST':
```

```
form=Customer(request.POST,instance=customer)
        if form.is_valid():
            form.save()
            return render(request, 'success.html')
    context = {'form':form}
    return render(request, "addcustomer.html", context)
def staffview(request):
    staffs= StaffModel.objects.all().order_by(Lower('sname'))
    context ={'staffs':staffs}
    return render(request, "staff.html" ,context)
def addstaffview(request):
    form = Staff()
    if request.method == 'POST':
        form=Staff(request.POST)
        if form.is valid():
            form.save()
            return redirect(request.META['HTTP_REFERER'])
    context ={'form':form}
    return render(request, "addstaff.html", context)
def editstaff(request,pk):
    staff =StaffModel.objects.get(id=pk)
    form = Staff(instance=staff)
    if request.method == 'POST':
        form=Staff(request.POST,instance=staff)
        if form.is valid():
            form.save()
            return render(request, 'success.html')
    context = {'form':form}
    return render(request, "addstaff.html", context)
def vehicleview(request):
    vehicles = VehicleModel.objects.all()
    context ={'vehicles':vehicles}
    return render(request, "vehicle.html" ,context)
def dealerview(request):
    dealers= DealerModel.objects.all().order_by(Lower('dname'))
    context ={'dealers':dealers}
    return render(request, "dealer.html" ,context)
def addealerview(request):
    form = Dealer()
    if request.method == 'POST':
        form=Dealer(request.POST)
        if form.is_valid():
           form.save()
```

```
return redirect(request.META['HTTP_REFERER'])
    context ={'form':form}
    return render(request, "addDealer.html", context)
def editdealer(request,pk):
    dealer =DealerModel.objects.get(id=pk)
    form =Dealer(instance=dealer)
    if request.method == 'POST':
        form=Dealer(request.POST,instance=dealer)
        if form.is_valid():
            form.save()
            return render(request, 'success.html')
    context = {'form':form}
    return render(request, "addDealer.html", context)
def addvehicleview(request):
    form = Vehicle()
    if request.method == 'POST':
        form=Vehicle(request.POST, request.FILES or None)
        if form.is valid():
            form.save()
            return redirect(request.META['HTTP_REFERER'])
    context ={'form':form}
    return render(request, "addvehicle.html", context)
def orders(request,pk):
    OrderFormSet =
inlineformset_factory(CustomerModel,OrderModel,fields=('vehicle_name','order_date'
,'delivery date','tax','payment mode'),extra=1)
    customer = CustomerModel.objects.get(id=pk)
    custom =CustomerModel.objects.filter(pk=pk)
    formset = OrderFormSet(queryset=OrderModel.objects.none(),instance=customer)
    if request.method == 'POST':
        formset = OrderFormSet(request.POST,instance=customer)
        if formset.is valid():
            formset.save()
            return redirect(request.META['HTTP_REFERER'])
    orders = OrderModel.objects.filter(cust id=pk)
    params ={'formset':formset,'custom':custom,'orders':orders}
    return render(request, "orders.html", params)
def invoiceview(request,pk):
    order=OrderModel.objects.get(id=pk)
   # customer = CustomerModel.objects.filter(pk=pk)
    amount=OrderModel.objects.filter(id=pk).aggregate(the_sum =
Sum(F('tax')+F('vehicle name vprice')))
```

```
params={'order':order,'amount':amount}
return render(request,"invoice.html",params)
```

### addcustomer.html

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link rel="stylesheet" href="../products/products.css">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <title>Document</title>
</head>
<style>
    @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body {
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)),
        url("{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
```

```
.nav-color,
.nav-link {
    color: black;
.nav-item {
    font-family: 'PT Serif', serif;
    font-size: larger;
    padding-left: 3%;
    padding-right: 3%;
.navbar-brand {
    font-family: 'Alfa Slab One', cursive;
.row {
    display: block;
    text-align: center;
    padding: 10px 12px;
    width: 50%;
    margin-left: 25%;
.contain {
    margin-top: 4%;
    height: 800px;
    border: 2px double black;
    background-color: rgba(0,0,0,0.6);
    padding-left: 15px;
    padding: 10px;
    margin-left: 28%;
    width: 700px;
    margin-bottom: 10%;
    box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
.color{
    color: white;
.edit-btn{
background-color: #FF1E56 ;
color:white;
```

```
border: 2px solid #FF1E56;
   /* transition-duration: 0.4s;
   -webkit-border-radius: 10;
   -moz-border-radius: 10;*/
   border-radius: 5px;
   font-family: Arial;
   padding: 8px 11px;
   text-decoration: none;
   width: 150px;
   border-width: 0;
   margin-left: 38%;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
      <div class="container-fluid">
          <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
          <div class="collapse navbar-collapse" id="navbarNav">
             <!-- <li class="nav-item">
                <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
                WHEELS MOTORSPORTS
             <a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
                 <a class="nav-link" href="{% url</pre>
'customersview'%}">Customers</a>
                 <a class="nav-link" href="{% url</pre>
'vehicleview'%}">Vehicles</a>
                 <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
                 <a class="nav-link" href="{% url</pre>
'dealerview'%}">Dealers</a>
                 </div>
      </div>
   </nav>
```

```
<h2 style="text-align: center; margin-left: 3%;font-weight: bolder;color:</pre>
#334756;text-decoration: underline;">Add New Customer</h2>
    <div class="contain">
        <form method="POST" action="" class="color">
            {% csrf_token %}
            {% for field in form %}
            <div class="row">
                {{field.errors}}
                {{ field.label_tag }}
                {{ field}}
            </div>
            {% endfor %}
            <br>
            <input type="submit" value="Add Customer" class="edit-btn">
        </form>
   </div>
    </div>
</body>
</html>
```

### addDealer.html

```
<script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <title>Document</title>
</head>
<style>
    @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body {
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)),
        url("{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
    .nav-color,
    .nav-link {
        color: black;
    .nav-item {
        font-family: 'PT Serif', serif;
        font-size: larger;
        padding-left: 3%;
        padding-right: 3%;
    .navbar-brand {
        font-family: 'Alfa Slab One', cursive;
    .row {
       display: block;
```

```
text-align: center;
       padding: 10px 12px;
       width: 50%;
       margin-left: 25%;
   .contain {
       margin-top: 4%;
       height: 800px;
       border: 2px double black;
       background-color: rgba(0,0,0,0.6);
       padding-left: 15px;
       padding: 10px;
       margin-left: 28%;
       width: 700px;
       margin-bottom: 10%;
       box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
   .color{
       color: white;
   .edit-btn{
   background-color: #FF1E56 ;
   color:white;
   border: 2px solid #FF1E56;
   /* transition-duration: 0.4s;
   -webkit-border-radius: 10;
   border-radius: 5px;
   font-family: Arial;
   padding: 8px 11px;
   text-decoration: none;
   width: 150px;
   border-width: 0;
   margin-left: 38%;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
        <div class="container-fluid">
            <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
           <div class="collapse navbar-collapse" id="navbarNav">
                <!-- <li class="nav-item">
                   <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
```

```
WHEELS MOTORSPORTS
                 <a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
                 <a class="nav-link" href="{% url</pre>
'customersview'%}">Customers</a>
                 <a class="nav-link" href="{% url</pre>
'vehicleview'%}">Vehicles</a>
                 <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
                 <a class="nav-link" href="{% url</pre>
'dealerview'%}">Dealers</a>
                 </div>
      </div>
   </nav>
   <h2 style="text-align: center; margin-left: 3%;font-weight: bolder;color:</pre>
#334756;text-decoration: underline;">Add New Dealer</h2>
   <div class="contain">
      <form method="POST" action="" class="color">
          {% csrf_token %}
          {% for field in form %}
          <div class="row">
             {{field.errors}}
             {{ field.label_tag }}
             {{ field}}
          </div>
          {% endfor %}
          <br>
          <input type="submit" value="Add Dealer" class="edit-btn">
      </form>
   </div>
```

```
</body>
</html>
```

## addstaff.html

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link rel="stylesheet" href="../products/products.css">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <title>Document</title>
</head>
<style>
    @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body {
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)),
        url("{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
```

```
.nav-color,
.nav-link {
    color: black;
.nav-item {
    font-family: 'PT Serif', serif;
    font-size: larger;
    padding-left: 3%;
    padding-right: 3%;
.navbar-brand {
    font-family: 'Alfa Slab One', cursive;
.row {
    display: block;
    text-align: center;
    padding: 10px 12px;
    width: 50%;
    margin-left: 25%;
.contain {
    margin-top: 4%;
    height: 800px;
    border: 2px double black;
    background-color: rgba(0,0,0,0.6);
    padding-left: 15px;
    padding: 10px;
    margin-left: 28%;
    width: 700px;
    margin-bottom: 10%;
    box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
.color{
    color: white;
.edit-btn{
background-color: #FF1E56 ;
color:white;
border: 2px solid #FF1E56;
```

```
-moz-border-radius: 10;*/
   border-radius: 5px;
   font-family: Arial;
   padding: 8px 11px;
   text-decoration: none;
   width: 150px;
   border-width: 0;
   margin-left: 38%;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
      <div class="container-fluid">
          <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
          <div class="collapse navbar-collapse" id="navbarNav">
              <!-- <li class="nav-item">
                <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
                 WHEELS MOTORSPORTS
             <a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
                 <a class="nav-link" href="{% url</pre>
'customersview'%}">Customers</a>
                 <a class="nav-link" href="{% url</pre>
'vehicleview'%}">Vehicles</a>
                 <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
                 <a class="nav-link" href="{% url</pre>
'dealerview'%}">Dealers</a>
                 </div>
      </div>
   <h2 style="text-align: center; margin-left: 3%;font-weight: bolder;color:</pre>
#334756;text-decoration: underline;">Add New Staff</h2>
   <div class="contain">
```

```
<form method="POST" action="" class="color">
            {% csrf_token %}
            {% for field in form %}
            <div class="row">
                {{field.errors}}
                {{ field.label_tag }}
                {{ field}}
            </div>
            {% endfor %}
            <br>
            <input type="submit" value="Add Staff" class="edit-btn">
       </form>
   </div>
   </div>
</body>
</html>
```

# addvehicle.html

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link rel="stylesheet" href="../products/products.css">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
```

```
<script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <title>Add vehicle</title>
</head>
<style>
    @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body {
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)),
        url("{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
    .nav-color,
    .nav-link {
        color: black;
    .nav-item {
        font-family: 'PT Serif', serif;
        font-size: larger;
        padding-left: 3%;
        padding-right: 3%;
    .navbar-brand {
        font-family: 'Alfa Slab One', cursive;
    .row {
        display: block;
        text-align: center;
        padding: 10px 12px;
        width: 50%;
```

```
margin-left: 25%;
   .contain {
       margin-top: 4%;
       height: 800px;
       border: 2px double black;
       background-color: rgba(0,0,0,0.6);
       padding-left: 15px;
       padding: 10px;
       margin-left: 28%;
       width: 700px;
       margin-bottom: 10%;
       box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
   .color{
       color: white;
   .edit-btn{
   background-color: #FF1E56 ;
   color:white;
   border: 2px solid #FF1E56;
   /* transition-duration: 0.4s;
   -moz-border-radius: 10;*/
   border-radius: 5px;
   font-family: Arial;
   padding: 8px 11px;
   text-decoration: none;
   width: 150px;
   border-width: 0;
   margin-left: 38%;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
       <div class="container-fluid">
           <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
           <div class="collapse navbar-collapse" id="navbarNav">
               <!-- <li class="nav-item">
                  <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
                   WHEELS MOTORSPORTS
```

```
<a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
                 <a class="nav-link" href="{% url</pre>
'customersview'%}">Customers</a>
                 <a class="nav-link" href="{% url</pre>
'vehicleview'%}">Vehicles</a>
                 <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
                 <a class="nav-link" href="{% url</pre>
'dealerview'%}">Dealers</a>
                 </div>
      </div>
   </nav>
   <h2 style="text-align: center; margin-left: 3%;font-weight: bolder;color:</pre>
#334756;text-decoration: underline;">Add New Vehicle</h2>
   <div class="contain">
      <form method="POST" action="" class="color" enctype='multipart/form-data'>
          {% csrf_token %}
          {% for field in form %}
          <div class="row">
             {{field.errors}}
             {{ field.label_tag }}
             {{ field}}
          </div>
          {% endfor %}
          <br>
          <input type="submit" value="Add Vehicle" class="edit-btn">
      </form>
   </div>
   </div>
</body>
```

## customers.html

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <script src="https://kit.fontawesome.com/6a507b84aa.js"</pre>
crossorigin="anonymous"></script>
    <title>Customers</title>
</head>
<style>
    @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
    @import
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body {
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)),
        url("{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
```

```
.nav-color,
    .nav-link {
       color: black;
    .nav-item {
       font-family: 'PT Serif', serif;
        font-size: larger;
       padding-left: 3%;
       padding-right: 3%;
    .navbar-brand {
        font-family: 'Alfa Slab One', cursive;
    .table-container{
   margin-top: 5%;
   margin-left: 8%;
.content-table{
   border-collapse: collapse;
   margin: 25px 0;
   font-size: medium;
   /* min-width: 400px; */
   width: 90%;
   border-radius: 5px 5px 0 0;
   overflow: hidden;
   box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
.content-table thead tr{
   background-color: #495464;
  /* text-align: center;*/
   font-weight: bold;
   color: white;
   font-family: 'Anton', sans-serif;
.content-table th,.content-table td{
   padding: 13px 16px;
.content-table tbody tr{
   border-bottom: 1px solid #dddddd;
   text-align: center;
.content-table tbody tr:nth-of-type(even){
   background-color: #BBBFCA;
  color:#101c42;
```

```
.content-table tbody tr:nth-of-type(odd){
   background-color: #E8E8E8;
   color:#334257;
.content-table tbody tr:last-of-type{
  border-bottom: 2px solid #536162;
th{
   text-align: center;
.edit-btn{
   background-color: #686D76 ;
   color:white;
   border: 2px solid #686D76;
   /* transition-duration: 0.4s;
   -webkit-border-radius: 10;
   -moz-border-radius: 10;*/
   border-radius: 5px;
   font-family: Arial;
   padding: 6px 9px;
   text-decoration: none;
   width: 100px;
   border-width: 0;
 }
    .btn-grad {background-image: linear-gradient(to right, #283048 0%,
#859398 51%, #283048 100%)}
         .btn-grad {
            /* margin: 10px; */
            padding: 10px 15px;
            text-align: center;
            text-transform: uppercase;
            transition: 0.5s;
            background-size: 200% auto;
            color: white;
            box-shadow: 0 0 20px #eee;
            border-radius: 10px;
            display: block;
            width: 150px;
          .btn-grad:hover {
            background-position: right center; /* change the direction of the
change here */
            color: #fff;
            text-decoration: none;
```

```
.lines{
   display: inline-flexbox;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
      <div class="container-fluid">
          <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
          <div class="collapse navbar-collapse" id="navbarNav">
             <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
                 WHEELS MOTORSPORTS
             <a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
                 <a class="nav-link" href="{% url</pre>
'customersview'%}">Customers</a>
                 <a class="nav-link" href="{% url</pre>
'vehicleview'%}">Vehicles</a>
                 <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
                 <a class="nav-link" href="{% url</pre>
'dealerview'%}">Dealers</a>
                 <form method ="GET" class="d-flex" action="{% url 'searchcustomer'</pre>
%}">
             <input class="form-control me-2" type="search" placeholder="Search</pre>
Customer" aria-label="Search" name="query" id="query">
             <button class="btn btn-secondary" type="submit">Search</button>
          </form>
      </div>
   </nav>
   <div class="table-container">
```

```
<div class="lines">
         <h2 style="font-weight: bolder;">Customer Details</h2><a class="btn-</pre>
grad" style="margin-left: 79%;" href="{% url 'addcustomerview' %}" >Add
Customer</a>
     </div>
      Name
               Contact Number
               Email Id
               Address
               Staff Name
               Edit
               Book Vehicle
            </thead>
         {% for Customer in customers %}
             {{Customer.fname}} {{Customer.lname}} 
               {{Customer.contact}}
               {{Customer.cemail}}
               {{Customer.caddress}}
               {{Customer.staff_id.sname}}
               <a href="{% url 'editcustomer' Customer.id %}"><i
class="fas fa-user-edit"></i></a>
               <a class="edit-btn" href="{% url 'orders' Customer.id
%}">Book</a>
            {% endfor%}
            </div>
</body>
```

# dealer.html

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <script src="https://kit.fontawesome.com/6a507b84aa.js"</pre>
crossorigin="anonymous"></script>
    <title>Dealer</title>
</head>
<style>
    @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
    @import
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body {
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)),
        url("{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
```

```
}
    .nav-color,
    .nav-link {
        color: black;
    .nav-item {
       font-family: 'PT Serif', serif;
        font-size: larger;
       padding-left: 3%;
       padding-right: 3%;
    .navbar-brand {
       font-family: 'Alfa Slab One', cursive;
   .table-container{
   margin-top: 5%;
   margin-left: 8%;
.content-table{
   border-collapse: collapse;
   margin: 25px 0;
   font-size: medium;
   /* min-width: 400px; */
   width: 90%;
   border-radius: 5px 5px 0 0;
   overflow: hidden;
   box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
.content-table thead tr{
   background-color: #495464;
   font-weight: bold;
   color: white;
   font-family: 'Anton', sans-serif;
.content-table th,.content-table td{
   padding: 13px 16px;
.content-table tbody tr{
   border-bottom: 1px solid #dddddd;
   text-align: center;
.content-table tbody tr:nth-of-type(even){
   background-color: #BBBFCA;
```

```
color:#101c42;
.content-table tbody tr:nth-of-type(odd){
   background-color: #E8E8E8;
   color:#334257 ;
.content-table tbody tr:last-of-type{
  border-bottom: 2px solid #536162;
th{
   text-align: center;
.edit-btn{
   background-color: #686D76 ;
   color:white;
   border: 2px solid #686D76;
   /* transition-duration: 0.4s;
   -webkit-border-radius: 10;
   -moz-border-radius: 10;*/
   border-radius: 5px;
   font-family: Arial;
   padding: 6px 9px;
   text-decoration: none;
   width: 100px;
   border-width: 0;
    .btn-grad {background-image: linear-gradient(to right, #283048 0%,
#859398 51%, #283048 100%)}
         .btn-grad {
            /* margin: 10px; */
            padding: 10px 15px;
            text-align: center;
            text-transform: uppercase;
            transition: 0.5s;
            background-size: 200% auto;
            color: white;
            box-shadow: 0 0 20px #eee;
            border-radius: 10px;
            display: block;
            width: 150px;
          .btn-grad:hover {
            background-position: right center; /* change the direction of the
change here */
            color: #fff;
           text-decoration: none;
```

```
.lines{
   display: inline-flexbox;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
      <div class="container-fluid">
        <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
        <div class="collapse navbar-collapse" id="navbarNav">
         <!-- <li class="nav-item">
               <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
               WHEELS MOTORSPORTS
             <a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
           <a class="nav-link" href="{% url 'customersview'%}">Customers</a>
           <a class="nav-link" href="{% url 'vehicleview'%}">Vehicles</a>
           <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
           <a class="nav-link" href="{% url 'dealerview'%}">Dealers</a>
         </div>
      </div>
    </nav>
   <div class="table-container">
      <div class="lines">
         <h2 style="font-weight: bolder;">Dealer Details/h2><a class="btn-</pre>
grad" style="margin-left: 79%;" href="{% url 'addealerview' %}" >Add Dealer</a>
      </div>
      <thead>
             >
               Name
```

```
Contact Number
             Email Id
             Address
             Company Name
             Staff Name
             Edit
          </thead>
        {% for Dealer in dealers %}
           {{Dealer.dname}}
             {{Dealer.dcontact}}
             {{Dealer.demail}}
             {{Dealer.daddress}}
             {{Dealer.dcompany}}
             {{Dealer.staff_name.sname}}
             <a href="{% url 'editdealer' Dealer.id %}"><i class="fas
fa-user-edit"></i></a>
          {% endfor%}
          </div>
</body>
```

#### index.html

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link rel="stylesheet" href="../products/products.css">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
<script src="https://kit.fontawesome.com/6a507b84aa.js"</pre>
crossorigin="anonymous"></script>
    <title>Homepage</title>
</head>
<style>
 @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
  @import
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
  .inforide {
    box-shadow: 1px 2px 8px 0px #f1f1f1;
    background-color: white;
    border-radius: 8px;
    height: 125px;
  .rideone {
    background-color: #655D8A;
    padding-top: 25px;
    border-radius: 8px 0px 0px 8px;
    text-align: center;
    height: 125px;
    margin-left: 15px;
  .ridetwo {
    background-color: #655D8A;
    padding-top: 30px;
    border-radius: 8px 0px 0px 8px;
    text-align: center;
    height: 125px;
    margin-left: 15px;
  .ridethree {
    background-color: #655D8A;
    padding-top: 35px;
```

```
border-radius: 8px 0px 0px 8px;
   text-align: center;
   height: 125px;
   margin-left: 15px;
  .fontsty {
   margin-right: -15px;
    body{
        /* background-color: #70ddd9; */
       background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)), url( "{% static 'car3.jpg' %}");
       background-position: top;
       background-size: 1560px 725px;
        background-attachment: fixed;
    .nav-color, .nav-link {
color: black;
.nav-item{
 font-family: 'PT Serif', serif;
   font-size: larger;
    padding-left: 3%;
    padding-right: 3%;
.navbar-brand{
 font-family: 'Alfa Slab One', cursive;
.about{
       margin-top: 18%;
       height: 500px;
       border: 2px double black;
        background-color: rgba(0,0,0,0.6);
        padding-left: 15px;
       padding: 10px;
       margin-left: 10%;
       width: 1200px;
       margin-bottom: 2%;
       box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
</style>
<body>
    <nav class="navbar navbar-expand-lg nav-color nav-fixed">
        <div class="container-fluid">
         <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
         <div class="collapse navbar-collapse" id="navbarNav">
```

```
<!-- <li class="nav-item">
                <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
                 WHEELS MOTORSPORTS
             <a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
            <a class="nav-link" href="{% url 'customersview'%}">Customers</a>
            <a class="nav-link" href="{% url 'vehicleview'%}">Vehicles</a>
            <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
            <a class="nav-link" href="{% url 'dealerview'%}">Dealers</a>
          </div>
      </div>
     </nav>
     <div class="col-lg-4 col-md-4 col-sm-6 col-12 mb-2 mt-4">
      <div class="inforide">
        <div class="row">
          <div class="col-lg-3 col-md-4 col-sm-4 col-4 rideone">
          </div>
          <div class="col-lg-9 col-md-8 col-sm-8 col-8 fontsty">
              <h4>Total Customers</h4>
             <h2>{{cust}}</h2>
          </div>
        </div>
       </div>
   </div>
   <div class="col-lg-4 col-md-4 col-sm-6 col-12 mb-2 mt-4">
     <div class="inforide">
      <div class="row">
        <div class="col-lg-3 col-md-4 col-sm-4 col-4 ridetwo">
        </div>
        <div class="col-lg-9 col-md-8 col-sm-8 col-8 fontsty">
            <h4>Orders Today</h4>
            <h2>{{order}}</h2>
        </div>
      </div>
     </div>
 </div>
```

```
<div class="col-lg-4 col-md-4 col-sm-6 col-12 mb-2 mt-4">
   <div class="inforide">
     <div class="row">
       <div class="col-lg-3 col-md-4 col-sm-4 col-4 ridethree">
       </div>
       <div class="col-lg-9 col-md-8 col-sm-8 col-8 fontsty">
           <h4>Total Orders</h4>
           <h2>{{total orders}}</h2>
       </div>
     </div>
   </div>
</div>
<div class="about">
<center><h2 style="color: white;font-weight: bold;text-decoration:</pre>
underline;">About Us</h2></center> <br>
4Wheels motorports is responsible for
the global business of vehicles.With over 1000 employes worldwide, Rehan is the
chairman of the board of 4Wheels motorsports.
  The company focuses on the development and sales of passenger cars, vans, bikes
and vehicle related services.<br>>br>Furthermore, the company aspires to be the
leader in the fields of electric mobility and vehicle software.
  4Wheels motorports is one of the world's largest seller of luxury passenger
cars. In 2020, it sold around 2.1 lakhs passenger cars and nearly 37500 bikes.
  4Wheels motorsports is continually expanding its worldwide ales network with
around 35 production sites on four continents, while gearing itself to meet the
requirements of electric mobility. At the same time, the company is constructing
and extending its global battery production network on three continents. 
  <br><center> <h3 style="color: white;font-weight: bold;text-decoration:</pre>
underline;">MISSION</h3><br></center>
 <center>"onboard
systems that manage a vehicle's internal capabilities to accomplish the mission
goals."</center>
<br>
   <i class="fab fa-facebook-square fa-2x" style="color: white;"></i>
                                                                      <i
class="fab fa-instagram-square fa-2x"style="color: white;"></i></i>
 </center>
</div>
</body>
</html>
```

## Invoice.html

```
<!DOCTYPE html>
                       <html class="no-js lt-ie9 lt-ie8 lt-ie7"> <![endif]-->
                       <html class="no-js lt-ie9 lt-ie8"> <![endif]-->
                     <html class="no-js lt-ie9"> <![endif]-->
                     <html class="no-js"> <!--<![endif]-->
<html>
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>Invoice</title>
    <meta name="description" content="">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.3.0/css/font-</pre>
awesome.min.css" rel="stylesheet">
    <link rel="stylesheet" href="invoice.css">
<style>
   html {
   margin: 0;
   padding: 0;
body {
   margin: 0;
   margin-top:20px;
    padding: 5px;
.input-right {
   width: 200px;
.span-right {
    float: right;
.products {
   margin: 50px 30px;
.table-products {
   width: 100%;
```

```
*.product-row {
   text-align: center;
   background-color: #feffde;
    padding: 50px;
.product-data {
   padding: 0;
   background-color: #feffde;
table{
    border: solid black;
    padding: 100px;
td, th {
     text-align: center;
      border: 1px solid black;
.add-item {
   margin-left: 4%;
    margin-top: 50px;
.print-item {
    margin-top: 10px;
   margin-left: 40%;
button {
    background: #ff1a1a;
    background-image: -webkit-linear-gradient(top, #ff1a1a, #ce1212);
    background-image: -moz-linear-gradient(top, #ff1a1a, #ce1212);
    background-image: -ms-linear-gradient(top, #ff1a1a, #ce1212);
    background-image: -o-linear-gradient(top, #ff1a1a, #ce1212);
    background-image: linear-gradient(to bottom, #ff1a1a, #ce1212);
    -webkit-border-radius: 15;
    -moz-border-radius: 15;
    border-radius: 15px;
    font-family: Arial;
    color: #ffffff;
    padding: 10px 15px;
    text-decoration: none;
   width: 150px;
    border-width: 0;
    margin-left: 45%;
```

```
button:hover {
  background: #ce1212;
  background-image: -webkit-linear-gradient(top, #ce1212, #ff1a1a);
  background-image: -moz-linear-gradient(top, #ce1212, #ff1a1a);
  background-image: -ms-linear-gradient(top, #ce1212, #ff1a1a);
  background-image: -o-linear-gradient(top, #ce1212, #ff1a1a);
  background-image: linear-gradient(to bottom, #ce1212, #ff1a1a);
  text-decoration: none;
 @media print {
      .invoice {
          width:900px;
          height:800px;
  input {
      border: none;
      border-bottom: 1px solid;
  .span-right {
      float: right;
  .padding-all {
      padding: 10px 0 30px 10px;
  .input-large {
     width: 2000px;
 p {
     width: 100%;
     margin-bottom: 2px;
  table {
      table-layout: auto;
      border-collapse: collapse;
      width: 100%;
```

```
.container {
        padding: 0;
       margin: 50px;
       margin-top: 0;
       margin-right: 0;
    .bottom-para {
       margin: 20px 0;
    .invoice-total {
       width: 40%;
       float: right;
       margin-left: 70%;
       margin-top: 25px;
</style>
<body>
    <div class="row">
        <div class="col-sm-12">
            <div class="container" id="invoice">
                <div class="row">
                    <hr>>
                    <div class="">
                        <div class="padding-all">
                            <h3>4WHEELS MOTORSPORTS</h3>
                            >Dealers in: Four Wheelers and Two Wheelers.
                            Shop #2, Ground floor, Vijaydurga complex, near
Hanuman temple road
                                Bangalore - 562157
                            Phone: 080-2457628
                             Cell: 9853447728
                            <div class="">
                                <span class="">INVOICE:</span>
                                <span class="span-right input-date"><input</pre>
type="date" name="" id=""></span>
                            </div>
                            <div class="col-xs-4 to">
                                T0:
                                    <section>
                                        <h7>Name:{{order.cust_id.fname}}
{{order.cust_id.lname}}</h7><br>
                                        <h7> Phone Number:
{{order.cust_id.contact}}</h7><br>
                                          <h7>Address: {{order.cust_id.caddress}}
                                          <h7>Order Date: {{order.order_date}}
</h7><br>
```

```
<h7>Delivery Date:
{{order.delivery_date}} </h7><br>
               <br>
               </section>
             </div>
         </div>
         <div class="">
           <thead>
              Vehicle Name
                Vehicle
Model
                Vehicle Type
                Amount
              </thead>
             {{order.vehicle_name.vname}} 
                {{order.vehicle_name.vmodel}} 
                <td class="product-
{{order.vehicle_name.vprice}}
```

```
</div>
                     <div class="row">
                        <div class="invoice-total">
                            Subtotal : Rs.{{order.vehicle_name.vprice}}
                            Tax Amount: Rs.{{order.tax}} 
                            Grand Total : Rs.{{amount.the_sum}} 
                        </div>
                        <div class="bottom-para">
                            Subject to Bangalore Jurisdiction.
                            Interest at 24% will be charged on all
bills
                               not paid within one month.
                            THANK YOU!
                            <button onclick='window.print()' class="btn btn-</pre>
success" id="invoice-print"><i class="fa fa-print"></i> Print
                               Invoice
                        </div>
                     </div>
                 </div>
              </div>
          </div>
      </div>
   </div>
   <script src="" async defer></script>
</body>
/html>
```

## login.html

```
background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)), url( "{% static 'loginpic.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
    .contact-form {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    width: 400px;
    height: 350px;
    padding: 80px 40px;
    background: rgba(0, 0, 0, 0.712);
    box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
.contact-form h2 {
    margin: 0;
    padding: 0 0 20px;
    color: #fff;
    text-align: center;
    text-transform: uppercase;
.contact-form p {
    margin: 0;
    padding: 0;
    font-weight: bold;
    color: #fff;
    font-size: 16px;
.contact-form input {
    width: 100%;
    margin-bottom: 20px;
.contact-form input[type=text], .contact-form input[type=password] {
    border: none;
    border-bottom: 1px solid #fff;
    background: transparent;
    outline: none;
    height: 40px;
    color: #fff;
    font-size: 16px;
.contact-form input[type=submit] {
    height: 30px;
    color: #fff;
    font-size: 20px;
    background: red;
```

```
cursor: pointer;
   border-radius: 25px;
   border: none;
   outline: none;
   margin-top: 15%;
   width: 60%;
   margin-left: 20%;
.contact-form a {
   color: #fff;
   font-size: 14px;
   font-weight: bold;
   text-decoration: none;
input[type=checkbox] {
   width: 20%;
   margin-left: 18%;
</style>
<body>
   <h2 style="margin-left: 38%;font-weight: bolder; font-family: 'Alfa Slab One',</pre>
cursive;">4WHEELS MOTORSPORTS</h2>
   <div class="contact-form">
       <h2>Login Form</h2>
       <form method="post" action="{%url 'loginuser' %}">
           {% csrf token%}
           Username<input placeholder="Enter Username" type="text"</p>
name="username" id="username">
           Password<input placeholder="Enter Password" type="password"</p>
name="password" id="password">
           {% for message in messages %}
                   <div class="alert alert-secondary">
                    {{message}}
                   </div>
             {% endfor %}
           <input type="submit" value="Log in">
           <input type="checkbox">Remember Me
       </form>
   </div>
</body>
/html>
```

## **Orders.html**

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link rel="stylesheet" href="../products/products.css">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <title>Order</title>
</head>
<style>
 @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body{
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)), url( "{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
    .nav-color, .nav-link {
color: black;
.nav-item{
```

```
font-family: 'PT Serif', serif;
   font-size: larger;
    padding-left: 3%;
   padding-right: 3%;
.navbar-brand{
 font-family: 'Alfa Slab One', cursive;
.edit-btn{
   background-color: #FF1E56 ;
   color:white;
   border: 2px solid #FF1E56;
   /* transition-duration: 0.4s;
   -webkit-border-radius: 10;
   -moz-border-radius: 10;*/
   border-radius: 5px;
   font-family: Arial;
   padding: 8px 11px;
   text-decoration: none;
   width: 150px;
   border-width: 0;
   margin-left: 42%;
.table-container{
   margin-top: 5%;
   margin-left: 8%;
.content-table{
   border-collapse; collapse;
   margin: 25px 0;
   font-size: medium;
   /* min-width: 400px; */
   width: 90%;
   border-radius: 5px 5px 0 0;
   overflow: hidden;
   box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
.content-table thead tr{
   background-color: #495464;
  /* text-align: center;*/
   font-weight: bold;
   color: white;
   font-family: 'Anton', sans-serif;
.content-table th,.content-table td{
   padding: 13px 16px;
```

```
.content-table tbody tr{
   border-bottom: 1px solid #dddddd;
   text-align: center;
.content-table tbody tr:nth-of-type(even){
   background-color: #BBBFCA;
  color:#101c42 ;
.content-table tbody tr:nth-of-type(odd){
   background-color: #E8E8E8;
  color:#334257 ;
.content-table tbody tr:last-of-type{
  border-bottom: 2px solid #536162;
th{
   text-align: center;
.invoice-btn{
   background-color: #686D76 ;
   color:white;
   border: 2px solid #686D76;
   -webkit-border-radius: 10;
   border-radius: 5px;
   font-family: Arial;
   padding: 6px 9px;
   text-decoration: none;
   width: 100px;
   border-width: 0;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
       <div class="container-fluid">
         <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
         <div class="collapse navbar-collapse" id="navbarNav">
           <!-- <li class="nav-item">
                  <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
                  WHEELS MOTORSPORTS
```

```
<a class="nav-link" aria-current="page" href="{% url</pre>
indexview'%}">Home</a>
             <a class="nav-link" href="{% url 'customersview'%}">Customers</a>
            <a class="nav-link" href="{% url 'vehicleview'%}">Vehicles</a>
            <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
            <a class="nav-link" href="{% url 'dealerview'%}">Dealers</a>
           </div>
       </div>
    <center><h3 style="text-decoration: underline;font-weight: bold;">Customers
Details</h3></center> <br>
    <div style="margin-left: 43%;">
       {% for customer in custom%}
       <h5><b>Name:</b> {{customer.fname}} {{customer.lname}}</h5>
       <h5> <b>Phone Number: </b>{{customer.contact}}</h5>
         <h5><b>Address:</b> {{customer.address}}</h5>
       {%endfor%}<br><br><
    </div>
   <center><h3 style="text-decoration: underline;font-weight: bold;">Take
Order</h3></center><br><br></r>
   <div style="margin-left: 5%;">
       <form action="" method="POST">
           {% csrf token %}
           {{formset.management_form}}
           {%for form in formset%}
           {{form}}
           <hr>>
           {% endfor%}
           <input type="submit" name="submit" class="edit-btn">
         </form>
   </div><br>
   <div class="table-container">
       <h3 style="text-decoration: underline;font-weight: bold;">Order
Details</h3>
       <thead>
```

```
Vehicle Name
              Vehicle Type
              Price
              Order Date
              Delivery Date
              Tax
              Payment Mode
              Invoice
           </thead>
        {% for Order in orders %}
               {{Order.vehicle name.vname}}
              {{Order.vehicle_name.vtype}}
              {{Order.vehicle_name.vprice}}
              {{Order.order_date}}
              {{Order.delivery_date}}
              {{Order.tax}}
              {{Order.payment_mode}}
              <a class="invoice-btn" href="{% url 'invoice'
Order.id%}">Invoice</a>
           {% endfor%}
           </div>
</body>
</html>
```

## Searchcustomer.html

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link rel="stylesheet" href="../products/products.css">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
<script src="https://kit.fontawesome.com/6a507b84aa.js"</pre>
crossorigin="anonymous"></script>
    <title>Search</title>
</head>
<style>
  @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body{
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)), url( "{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
    .nav-color, .nav-link {
color: black;
.nav-item{
  font-family: 'PT Serif', serif;
    font-size: larger;
     padding-left: 3%;
    padding-right: 3%;
.navbar-brand{
```

```
font-family: 'Alfa Slab One', cursive;
.table-container{
   margin-top: 5%;
   margin-left: 8%;
.content-table{
   border-collapse; collapse;
   margin: 25px 0;
   font-size: medium;
   /* min-width: 400px; */
   width: 90%;
   border-radius: 5px 5px 0 0;
   overflow: hidden;
   box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
.content-table thead tr{
   background-color: #495464;
  /* text-align: center;*/
   font-weight: bold;
   color: white;
   font-family: 'Anton', sans-serif;
.content-table th,.content-table td{
   padding: 13px 16px;
.content-table tbody tr{
   border-bottom: 1px solid #dddddd;
   text-align: center;
.content-table tbody tr:nth-of-type(even){
   background-color: #BBBFCA;
  color:#101c42;
.content-table tbody tr:nth-of-type(odd){
   background-color: #E8E8E8;
  color:#334257 ;
.content-table tbody tr:last-of-type{
  border-bottom: 2px solid #536162;
th{
   text-align: center;
.edit-btn{
   background-color: #686D76 ;
   color:white;
   border: 2px solid #686D76;
```

```
/* transition-duration: 0.4s;
   -webkit-border-radius: 10;
   -moz-border-radius: 10;*/
   border-radius: 5px;
   font-family: Arial;
   padding: 6px 9px;
   text-decoration: none;
   width: 100px;
   border-width: 0;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
      <div class="container-fluid">
        <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
        <div class="collapse navbar-collapse" id="navbarNav">
          <!-- <li class="nav-item">
                <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
                WHEELS MOTORSPORTS
             <a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
            <a class="nav-link" href="{% url 'customersview'%}">Customers</a>
           <a class="nav-link" href="{% url 'vehicleview'%}">Vehicles</a>
           <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
           <a class="nav-link" href="{% url 'dealerview'%}">Dealers</a>
           </div>
      </div>
     </nav>
     <h3 style="margin-left: 8%; font-weight: bolder; margin-top: 2%;">Search
Results :</h3>
     {% if allcustomers|length < 1%}
```

```
<h4 style="margin-left: 8%;font-weight: bold;"> NO MATCH
FOUND</h4><br>
   match any record.
  {%else%}
 <div class="table-container">
  <thead>
       Name
          Contact Number
          Email Id
          Address
          Staff Name
          Edit
          Book Vehicle
        </thead>
     {% for Customer in allcustomers %}
        {{Customer.fname}} {{Customer.lname}} 
          {{Customer.contact}}
          {{Customer.cemail}}
          {{Customer.caddress}}
          {{Customer.staff_id.sname}}
          <a href="{% url 'editcustomer' Customer.id %}" ><i class="fas"
fa-user-edit"></i></a>
          <a class="edit-btn" href="">Book</a>
       {% endfor%}
       </div>
  {%endif%}
</body>
/html>
```

# Staff.html

```
{% load static %}
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-</pre>
beta3/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <script src="https://kit.fontawesome.com/6a507b84aa.js"</pre>
crossorigin="anonymous"></script>
    <title>Staff</title>
</head>
<style>
    @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
    @import
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body {
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)),
        url("{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
```

```
}
    .nav-color,
    .nav-link {
        color: black;
    .nav-item {
       font-family: 'PT Serif', serif;
        font-size: larger;
       padding-left: 3%;
       padding-right: 3%;
    .navbar-brand {
       font-family: 'Alfa Slab One', cursive;
   .table-container{
   margin-top: 5%;
   margin-left: 8%;
.content-table{
   border-collapse: collapse;
   margin: 25px 0;
   font-size: medium;
   /* min-width: 400px; */
   width: 90%;
   border-radius: 5px 5px 0 0;
   overflow: hidden;
   box-shadow: 0 0 20px rgba(0, 0, 0, 0.61);
.content-table thead tr{
   background-color: #495464;
   font-weight: bold;
   color: white;
   font-family: 'Anton', sans-serif;
.content-table th,.content-table td{
   padding: 13px 16px;
.content-table tbody tr{
   border-bottom: 1px solid #dddddd;
   text-align: center;
.content-table tbody tr:nth-of-type(even){
   background-color: #BBBFCA;
```

```
color:#101c42;
.content-table tbody tr:nth-of-type(odd){
   background-color: #E8E8E8;
   color:#334257 ;
.content-table tbody tr:last-of-type{
  border-bottom: 2px solid #536162;
th{
   text-align: center;
.edit-btn{
   background-color: #686D76 ;
   color:white;
   border: 2px solid #686D76;
   /* transition-duration: 0.4s;
   -webkit-border-radius: 10;
   -moz-border-radius: 10;*/
   border-radius: 5px;
   font-family: Arial;
   padding: 6px 9px;
   text-decoration: none;
   width: 100px;
   border-width: 0;
    .btn-grad {background-image: linear-gradient(to right, #283048 0%,
#859398 51%, #283048 100%)}
         .btn-grad {
            /* margin: 10px; */
            padding: 10px 15px;
            text-align: center;
            text-transform: uppercase;
            transition: 0.5s;
            background-size: 200% auto;
            color: white;
            box-shadow: 0 0 20px #eee;
            border-radius: 10px;
            display: block;
            width: 150px;
          .btn-grad:hover {
            background-position: right center; /* change the direction of the
change here */
            color: #fff;
           text-decoration: none;
```

```
.lines{
   display: inline-flexbox;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
      <div class="container-fluid">
        <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
        <div class="collapse navbar-collapse" id="navbarNav">
         <!-- <li class="nav-item">
               <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
               WHEELS MOTORSPORTS
             <a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
           <a class="nav-link" href="{% url 'customersview'%}">Customers</a>
           <a class="nav-link" href="{% url 'vehicleview'%}">Vehicles</a>
           <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
           <a class="nav-link" href="{% url 'dealerview'%}">Dealers</a>
         </div>
      </div>
    </nav>
   <div class="table-container">
      <div class="lines">
         <h2 style="font-weight: bolder;">Staff Details</h2><a class="btn-grad"</pre>
style="margin-left: 79%;" href="{% url 'addstaffview' %}" >Add Staff</a>
      </div>
      <thead>
             >
               Name
```

```
Contact Number
             Email Id
             Address
             Current Status
             Edit
          </thead>
        {% for Staff in staffs %}
           {{Staff.sname}}
             {{Staff.scontact}}
             {{Staff.semail}}
             {{Staff.saddress}}
             {{Staff.status}}
             <a href="{% url 'editstaff' Staff.id %}"><i class="fas fa-
user-edit"></i></a>
          {% endfor%}
          </div>
</body>
```

### Success.html

```
eOJMYsd53ii+scO/bJGFsiCZc+5NDVN2yr8+0RDqr0Ql0h+rP48ckxlpbzKgwra6"
crossorigin="anonymous">
    <link rel="stylesheet" href="../products/products.css">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <title>Document</title>
</head>
<style>
 @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body{
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)), url( "{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
    .nav-color, .nav-link {
color: black;
.nav-item{
  font-family: 'PT Serif', serif;
    font-size: larger;
     padding-left: 3%;
    padding-right: 3%;
.navbar-brand{
  font-family: 'Alfa Slab One', cursive;
:/style>
```

```
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
      <div class="container-fluid">
        <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
       <div class="collapse navbar-collapse" id="navbarNav">
         <!-- <li class="nav-item">
               <img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
               WHEELS MOTORSPORTS
            <a class="nav-link" aria-current="page" href="{% url</pre>
indexview'%}">Home</a>
           <a class="nav-link" href="{% url 'customersview'%}">Customers</a>
           <a class="nav-link" href="{% url 'vehicleview'%}">Vehicles</a>
           <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
           <a class="nav-link" href="{% url 'dealerview'%}">Dealers</a>
           </div>
      </div>
    <h1 style="text-align: center;color: green;">EDIT SUCCESSFUL!!</h1>
</body>
/html>
```

## Vehicle.html

```
<link rel="stylesheet" href="../products/products.css">
    <link href="//netdna.bootstrapcdn.com/bootstrap/3.0.0/css/bootstrap.min.css"</pre>
rel="stylesheet" id="bootstrap-css">
    <script
src="//netdna.bootstrapcdn.com/bootstrap/3.0.0/js/bootstrap.min.js"></script>
    <script src="//code.jquery.com/jquery-1.11.1.min.js"></script>
    <script
src="https://cdn.jsdelivr.net/npm/chart.js@2.9.4/dist/Chart.min.js"></script>
    <link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Lobster&display=swap"</pre>
rel="stylesheet">
    <title>Vehicles</title>
</head>
<style>
  @import
url('https://fonts.googleapis.com/css2?family=PT+Serif:wght@700&display=swap');
url('https://fonts.googleapis.com/css2?family=Alfa+Slab+One&display=swap');
    body{
        /* background-color: #70ddd9; */
        background-image:linear-gradient(rgba(255, 255, 255, 0.507), rgba(255,
255, 255, 0.548)), url( "{% static 'car3.jpg' %}");
        background-position: top;
        background-size: 1560px 725px;
        background-attachment: fixed;
    .nav-color, .nav-link {
color: black;
.nav-item{
  font-family: 'PT Serif', serif;
    font-size: larger;
     padding-left: 3%;
    padding-right: 3%;
.navbar-brand{
  font-family: 'Alfa Slab One', cursive;
.blog-post {
       max-width: 100%;
        /* max-width: 80rem; */
        padding: 1rem;
        background-color: white;
```

```
box-shadow: 0 1.2rem 6rem rgba(0, 0, 0, .15);
   display: flex;
    align-items: center;
    border-radius: .8rem;
   margin-left: 8%;
   margin-top: 3%;
   margin-right: 5%;
.blog-post_img {
   min-width: 30rem;
   max-width: 30rem;
   height: 30rem;
   transform: translateX(-.6 rem);
    position: relative;
.blog-post_img img {
   width: 100%;
   height: 100%;
   object-fit: cover;
   display: block;
   border-radius: .8rem;
.blog-post_img::before {
   content: '';
   width: 100%;
   height: 100%;
   position: absolute;
    top: 0;
   left: 0;
   box-shadow: .5rem .5rem 3rem 1px rgba(0, 0, 0, .05);
   border-radius: .8rem;
.blog-post_title {
   font-size: 2rem;
   margin-bottom: 1rem;
   text-transform: uppercase;
   color: #FF1E56 ;
   font-weight: bold;
.blog-post_info {
   margin: 1rem 2rem;
   color: rgba(0,0,0,.7); */
```

```
.blog-post_cta {
       display: inline-block;
       margin-top: 4%;
   .edit-btn{
   background-color: #FF1E56 ;
   color:white;
   border: 2px solid #FF1E56;
   /* transition-duration: 0.4s;
   -webkit-border-radius: 10;
   -moz-border-radius: 10;*/
   border-radius: 5px;
   font-family: Arial;
   padding: 8px 11px;
   text-decoration: none;
   width: 150px;
   border-width: 0;
.btn-grad {background-image: linear-gradient(to right, #283048 0%, #859398 51%,
#283048 100%)}
         .btn-grad {
            /* margin: 10px; */
           padding: 10px 15px;
           text-align: center;
           text-transform: uppercase;
           transition: 0.5s;
           background-size: 200% auto;
           color: white;
           box-shadow: 0 0 20px #eee;
           border-radius: 10px;
           display: block;
           width: 150px;
          .btn-grad:hover {
           background-position: right center; /* change the direction of the
change here */
           color: #fff;
           text-decoration: none;
</style>
<body>
   <nav class="navbar navbar-expand-lg nav-color nav-fixed">
       <div class="container-fluid">
          <a class="navbar-brand nav-link" href="#">4WHEELS MOTORSPORTS</a>
         <div class="collapse navbar-collapse" id="navbarNav">
```

```
<img src="{% static 'carlogo.png' %}" alt="sorry"</pre>
style="height: 50px; margin-left: 5%;">
                WHEELS MOTORSPORTS
             <a class="nav-link" aria-current="page" href="{% url</pre>
'indexview'%}">Home</a>
           <a class="nav-link" href="{% url 'customersview'%}">Customers</a>
           <a class="nav-link" href="{% url 'vehicleview'%}">Vehicles</a>
           <a class="nav-link" href="{% url 'staffview'%}">Staff</a>
           <a class="nav-link" href="{% url 'dealerview'%}">Dealers</a>
           </div>
      </div>
     </nav>
     <h2 style="font-weight: bolder; margin-left: 42%; text-decoration:</pre>
underline;">Vehicles</h2><a class="btn-grad" style="margin-left: 69%;" href="{%
url 'addvehicleview' %}" >Add Vehicle</a>
      {% for Vehicle in vehicles %}
      <div class="conatiner" style="margin-top: 3%;">
          <div class="blog-post">
             <div class="blog-post_img">
                <img src="{{Vehicle.vimage.url}}" alt="">
             </div>
             <div class="blog-post info">
                    <h1 class="blog-post_title">{{ Vehicle.vname }}</h1>
                    <b>Model Name:</b> {{Vehicle.vmodel}} 
                    <b>Vehicle Type: </b>{{Vehicle.vtype}}
                    <b>Price: </b> {{Vehicle.vprice}}
                    <b>Dealer Name: </b>{{Vehicle.v_dealer}}
                <b>Description: </b>{{
Vehicle.vdescription}}
             </div>
```

## **Terminal Command:**

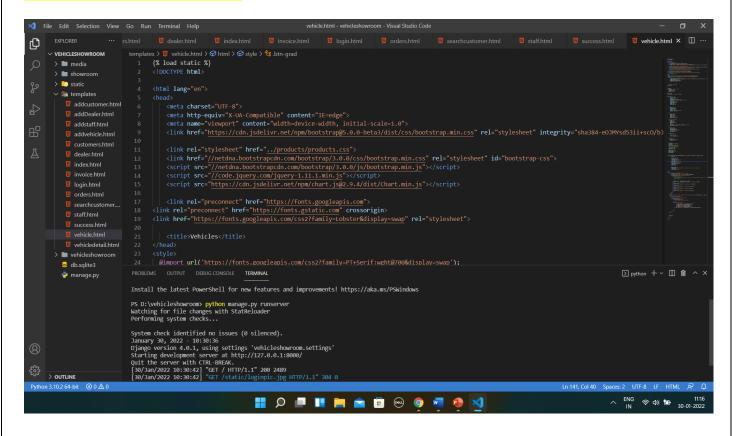
```
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS D:\vehicleshowroom> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

System check identified no issues (0 silenced).
January 30, 2022 - 10:30:36
Django version 4.0.1, using settings 'vehicleshowroom.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.

[30/Jan/2022 10:30:42] "GET / HTTP/1.1" 200 2489
[30/Jan/2022 10:30:42] "GET / static/loginpic.jpg HTTP/1.1" 304 0
```

# **VSCode Sample:**



# **DATABASE STATE SNAPSHOT:**

## **Customer Table:**

SQI	SQL ▼						
id	fname	1name	contact	cemail	caddress	staff_id_id	
4	Ayyan	Khan	7854123695	ayyan@gmail.com	Toll Naka Dharwad	2	
5	Rohan	Kotabagi	9955778822	rohan@gmail.com	Ram Nagar ,near NTTF Dharwad	3	
6	Aditya	Malhotra	9966332255	aditya@gmail.com	Sion Mumbai	6	
7	Siddharth	Kapoor	9876543215	sid@gmail.com	KR Puram Bangalore	4	
8	Preeti	Singh	1234567891	preeti@gmail.com	Yalahanka Bangalore	5	
9	Hriday	Sharma	9784561593	hriday@gmail.com	Vidyagiri , Bangalore	7	
10	Anubhav	Singh	9858963255	anubhav@gmail.com	Wadala Mumbai	2	

## **Staff Table:**

SQI	SQL ▼							
id	sname	semail	scontact	saddress	status			
2	Rehan	rehan@gmail.com	7760108717	Shukrawarpeth, Hosayalpur Road	Active			
3	Tayyab	tayyab@gmail.com	9988776655	Ram Nagar, Bangalore.	Active			
4	Shahid	Shahid@gmail.com	9876541598	M.G Road Bangalore.	Inactive			
5	Neha	neha@gmail.com	9922887766	BTM Layout Bangalore	Active			
6	Basavaraj	basu@gmail.com	9977668822	Richmond Town Road Bangalore	Inactive			
7	Abhishek	abhishek@gamil.com	8855223366	Majestic Bangalore	Inactive			

# Dealer Table:

SQL ▼								
id	dname	demail	dcontact	daddress	dcompany	staff_name_id		
2	Rahul	rahul@gmail.com	9988006644	Hunasamaranahalli,Bangalore	BMW	3		
3	Abdul	abdul@gmail.com	7766885522	Jay Nagar Bangalore	Tesla	3		
4	Hussain	husssain@gmail.com	9955228844	Hebbal Bangalore	Ford	5		
5	Misba	misba@gmail.com	9740511303	HBR Layout Bangalore	Ducati	2		
6	Rizwan	rizwan@gmail.com	8899776655	Sai Nagar Bangalore	Lamborghini	5		
7	Mehar	mehar@gmail.com	9916747517	Yeswanthapur Bangalore	McLaren	2		

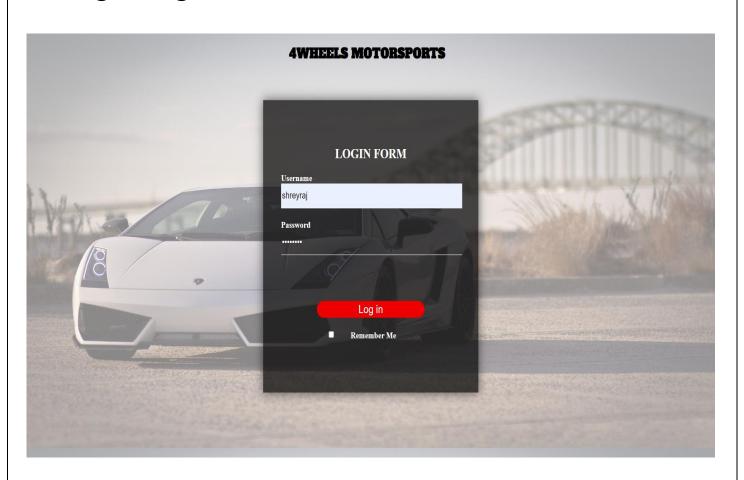
# Vehicle Table:

SQL	\$61. t ( 1 /1 > 1 - 11 of 11						11 () () ⊙
id	vnane	vnodel	vtype	vprice	wlescription	v_dealer_id	vimage
8	BMW 3 series	3 series	Four Wheeler	5586000.0	Facil Type: Petrol & Diesel Engine: 1995 to 2998 cc Acceleration: 4.4 to 6.8 seconds Power and Trouge: 188 to 382 bbp & 400 to 500 Nm Top Speed :243 to 250 kmph	2	image/3series.jpg
9	BMW 8 series	8 series	Four Wheeler	13100000.0	Feel Type : Petrol Engine :2998 cc Power and longue :335 bhp & 500 Nm DriveTrain: Dia Acceleration :5.2 seconds Top Speed :250 kmph	2	image/8_serie.jpg
10	BMW 5 1898 RR	S 1000 RR	Two Wheeler	2200000.0	Engine :999 cc Power :206.6 PS Torque :1213 Nm BrakestDuble : Disc Type :Tubeless ABSDual Channel	2	image/1000rr.jpg
11	Model S	s	Four Wheeler	1500000.0	Electric motor: Front and rear motor combined output up to 615 kW (825 bhp), 1,300 km (960 lb-ft), 3-phase AC induction motor  Transmission: 1-speed final gasr catio (9.784.1 or 9.325.1); direct-drivo[4][5]  Electric range: 75 kM (720 MD)  280-255 mi (404-431 km) (EPA)  85 kM (310 MD)  123-272 mi (404-438 km) (EPA)  85 kM (310 MD)  123-272 mi (404-438 km) (EPA)  80 kM (320 MD)  123-273 mi (404-438 km) (EPA)  130 mi (500 km) (MEXC)  90 kM (320 MD)  130 mi (500 km)  130 mi (500 km)  130 kM (300 MD)  130 kM (300 M		image/s.jpg
12	Model X	х	Four Wheeler	20000000.0	Rango (EPA est.) :333 mi 9-68 mpPt_5s 1/4 Mile:9,9s Peak Power:1,020hp	3	image/x.jpg
13	Ford Mustang	Mustang	Four Wheeler	7400000.0	Petrol Engine 4851 cc Power and Torque :386 bhp & 515 Nm DriveTrain :RNO	4	image/ford.jpg

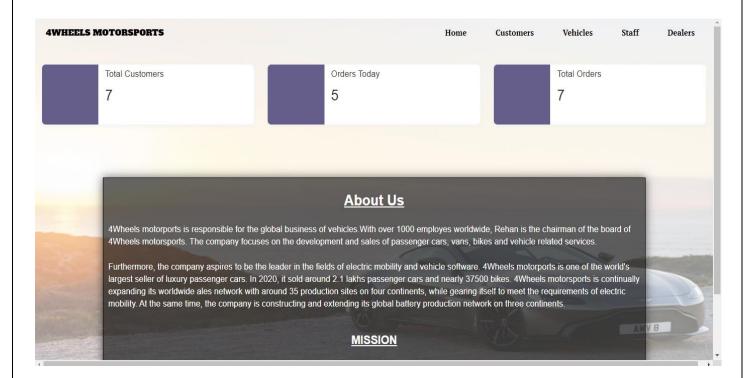
# Order Table:

L▼	/1 > 1	- 7 of <b>7</b>			
order_date	delivery_date	tax	payment_mode	cust_id_id	vehicle_name_id
2022-01-25	2022-01-30	1000000.0	Cheque	4	8
2022-01-25	2022-01-25	123445.0	Net Banking	4	10
2022-01-29	2022-01-29	159357.0	Net Banking	6	14
2022-01-29	2022-01-31	124578.0	Cheque	10	13
2022-01-29	2022-01-30	236589.0	Cash	4	17
2022-01-29	2022-01-30	369258.0	Net Banking	5	10
2022-01-29	2022-01-29	125483.0	Cash	8	11
I	order_date 2022-01-25 2022-01-29 2022-01-29 2022-01-29 2022-01-29	order_date delivery_date  2022-01-25	order_date         delivery_date         tax           2022-01-25         2022-01-30         1000000.0           2022-01-25         2022-01-25         123445.0           2022-01-29         2022-01-29         159357.0           2022-01-29         2022-01-31         124578.0           2022-01-29         2022-01-30         236589.0           2022-01-29         2022-01-30         369258.0	order_date         delivery_date         tax         payment_mode           2022-01-25         2022-01-30         1000000.0         Cheque           2022-01-25         2022-01-25         123445.0         Net Banking           2022-01-29         2022-01-29         159357.0         Net Banking           2022-01-29         2022-01-31         124578.0         Cheque           2022-01-29         2022-01-30         236589.0         Cash           2022-01-29         2022-01-30         369258.0         Net Banking	order_date         delivery_date         tax         payment_mode         cust_id_id           2022-01-25         2022-01-30         1000000.0         Cheque         4           2022-01-25         2022-01-25         123445.0         Net Banking         4           2022-01-29         2022-01-29         159357.0         Net Banking         6           2022-01-29         2022-01-31         124578.0         Cheque         10           2022-01-29         2022-01-30         236589.0         Cash         4           2022-01-29         2022-01-30         369258.0         Net Banking         5

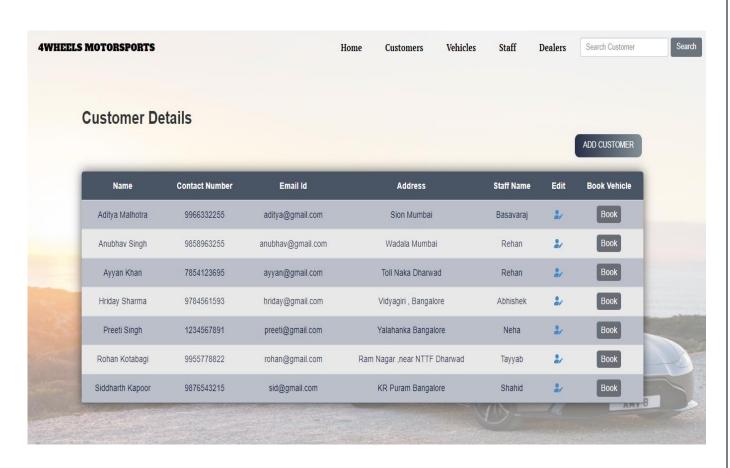
# Login Page:



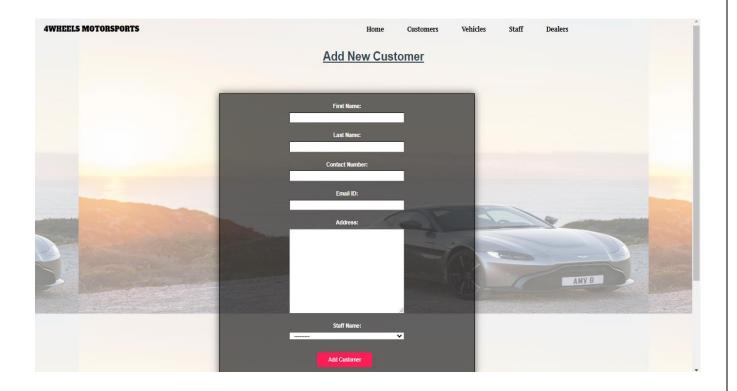
## **Home Page:**



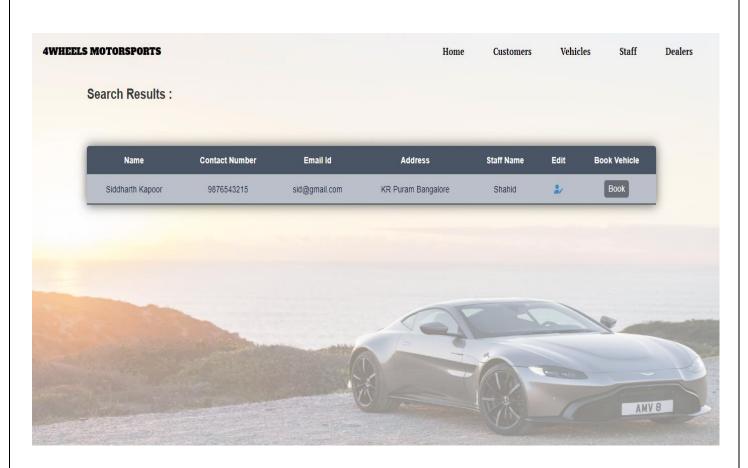
## **Customer Details Page:**



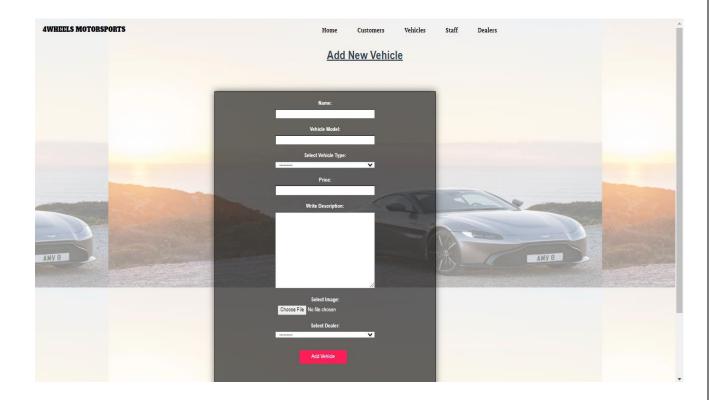
## **Add Customer:**



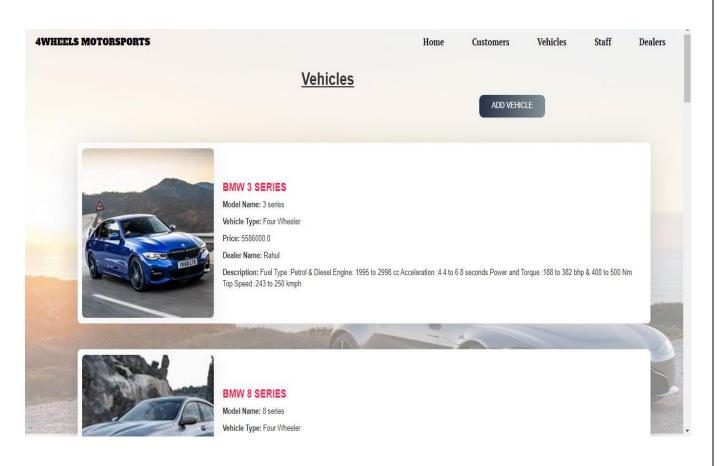
## **Search For Customer:**

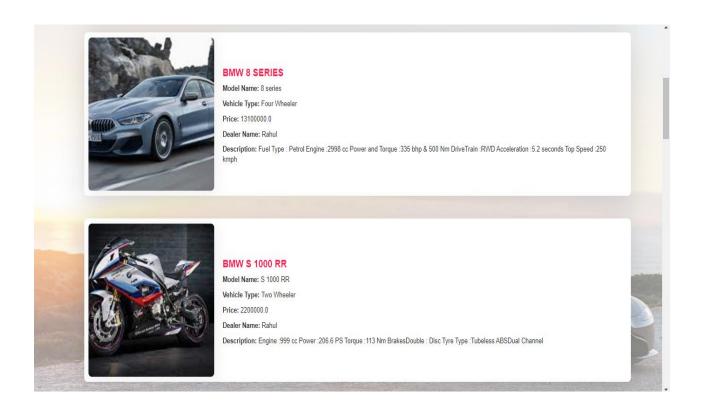


## **Add Vehicle:**

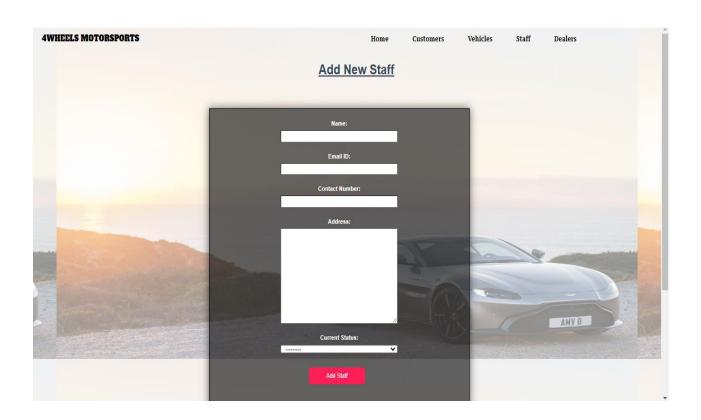


# Vehicles Details page:

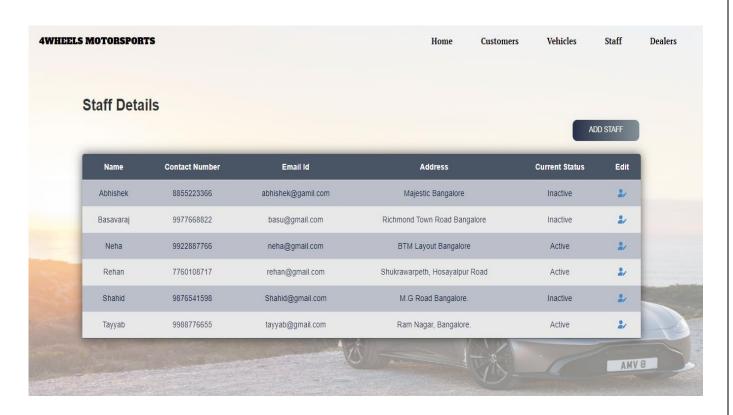




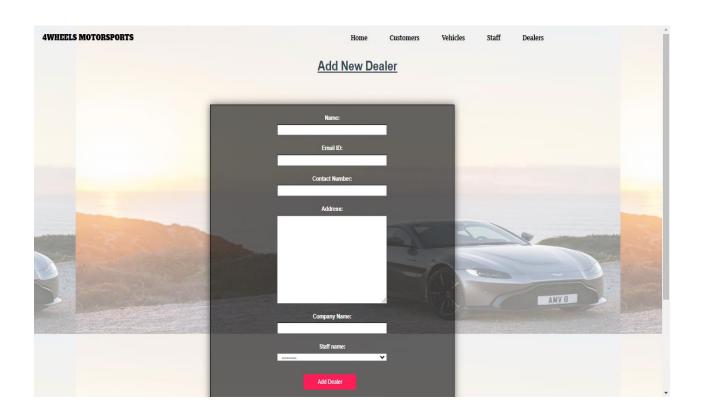
## Add Staff:



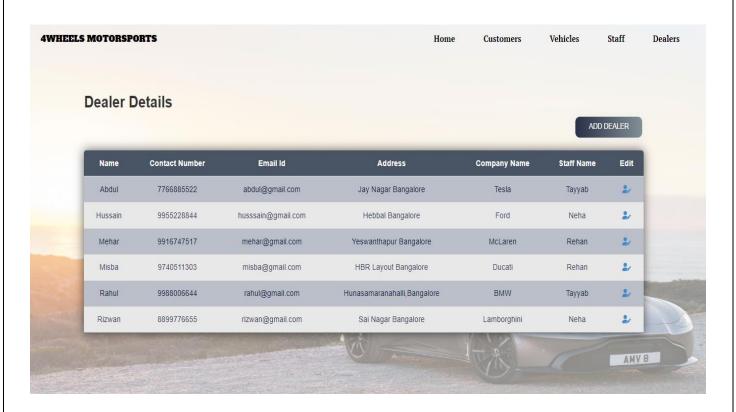
# **Staff Details Page:**



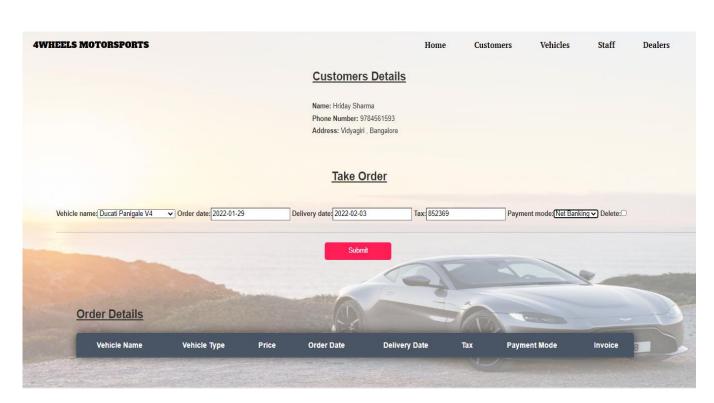
### **Add Dealer:**



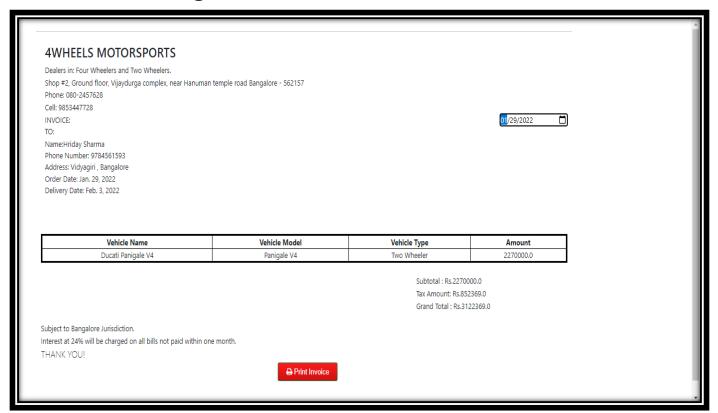
# **Dealer Details Page:**



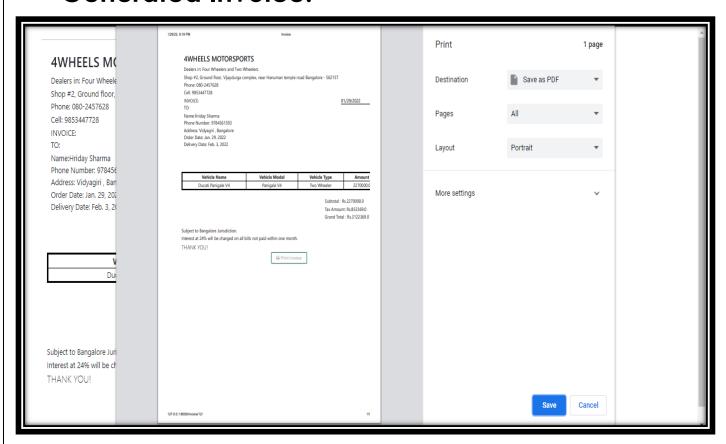
# **Booking Vehicle:**



# **Invoice Page:**



## **Generated Invoice:**



## **Connectivity and Cardinality**

The basic types of connectivity for relations are: one-to-one, one-to-many, and many-to-many. A *one-to-one* (1:1) relationship is when at most one instance of a entity A is associated with one instance of entity B. For example, "employees in the company are each assigned their own office. For each employee there exists a unique office and for each office there exists a unique employee.

A *one-to-many* (1:N) relationships is when for one instance of entity A, there are zero, one, or many instances of entity B, but for one instance of entity B, there is only one instance of entity A. An example of a 1:N relationships is **a department** has many employees each employee is assigned to one department

A *many-to-many* (M:N) relationship, sometimes called non-specific, is when for one instance of entity A, there are zero, one, or many instances of entity B and for one instance of entity B there are zero, one, or many instances of entity A. The connectivity of a relationship describes the mapping of associated

### **FEASIBILITY STUDY:**

Feasibility study is conducted once the problem is clearly understood. Feasibility study is a high level capsule version of the entire system analysis and design process. The objective is to determine quickly at a minimum expense how to solve a problem. The purpose of feasibility is not to solve the problem but to determine if the problem is worth solving.

The system has been tested for feasibility in the following points.

- 1. Technical Feasibility
- 2. Economical Feasibility
- 3. Operational Feasibility.

#### 1. Technical Feasibility

The project entitles "Courier Service System" is technically feasibility because of the below mentioned feature. The project was developed in Java which Graphical User Interface.

It provides the high level of reliability, availability and compatibility. All these make Java an appropriate language for this project. Thus the existing software Java is a powerful language.

#### 2. Economical Feasibility

The computerized system will help in automate the selection leading the profits and details of the organization. With this software, the machine and manpower utilization are expected to go up by 80-90% approximately. The costs incurred of not creating the system are set to be great, because precious time can be wanted by manually.

#### 3. Operational Feasibility

In this project, the management will know the details of each project where he may be presented and the data will be maintained as decentralized and if any inquires for that particular contract can be known as per their requirements and necessaries.

### **Implementation:**

Implementation is the stage where the theoretical design is turned into a working system. The most crucial stage in achieving a new successful system and in giving confidence on the new system for the users that it will work efficiently and effectively.

The system can be implemented only after thorough testing is done and if it is found to work according to the specification.

It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the change over and an evaluation of change over methods a part from planning. Two major tasks of preparing the implementation are education and training of the users and testing of the system.

The more complex the system being implemented, the more involved will be the systems analysis and design effort required just for implementation.

The implementation phase comprises of several activities. The required hardware and software acquisition is carried out. The system may require some software to be developed. For this, programs are written and tested. The user then changes over to his new fully tested system and the old system is discontinued.

#### **TESTING:**

The testing phase is an important part of software development. It is the puterized system will help in automate process of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied.

Software testing is carried out in three steps:

- 1. The first includes unit testing, where in each module is tested to provide its correctness, validity and also determine any missing operations and to verify whether the objectives have been met. Errors are noted down and corrected immediately. Unit testing is the important and major part of the project. So errors are rectified easily in particular module and program clarity is increased. In this project entire system is divided into several modules and is developed individually. So unit testing is conducted to individual modules.
- 2. The second step includes Integration testing. It need not be the case, the software whose modules when run individually and showing perfect results, will also show perfect results when run as a whole. The individual modules are clipped

under this major module and tested again and verified the results. This is due to poor interfacing, which may results in data being lost across an interface. A module can have inadvertent, adverse effect on any other or on the global data structures, causing serious problems.

3. The final step involves validation and testing which determines which the software functions as the user expected. Here also some modifications were. In the completion of the project it is satisfied fully by the end user.

#### **Maintenance and environment:**

AS the number of computer based systems, grieve libraries of computer software began to expand. In house developed projects produced tones of thousand soft program source statements. Software products purchased from the outside added hundreds of thousands of new statements. A dark cloud appeared on the horizon. All of these programs, all of those source statements-had to be corrected when false were detected, modified as user requirements changed, or adapted to new hardware that was purchased. These activities were collectively called software Maintenance.

The maintenance phase focuses on change that is associated with error correction, adaptations required as the software's environment evolves, and changes due to enhancements brought about by changing customer requirements. Four types of changes are encountered during the maintenance phase.

Correction Adaptation Enhancement Prevention

#### **Correction:**

Even with the best quality assurance activities is lightly that the customer will uncover defects in the software. Corrective maintenance changes the software to correct defects.

Maintenance is a set of software Engineering activities that occur after software has been delivered to the customer and put into operation. Software configuration management is a set of tracking and control activities that began when a software project begins and terminates only when the software is taken out of the operation.

We may define maintenance by describing four activities that are undertaken after a program is released for use:

Corrective Maintenance
Adaptive Maintenance
Perfective Maintenance or Enhancement
Preventive Maintenance or reengineering

Only about 20 percent of all maintenance work are spent "fixing mistakes". The remaining 80 percent are spent adapting existing systems to changes in their external environment, making enhancements requested by users, and reengineering an application for use.

#### **ADAPTATION:**

Over time, the original environment (E>G., CPU, operating system, business rules, external product characteristics) for which the software was developed is likely to change. Adaptive maintenance results in modification to the software to accommodate change to its external environment.

#### **ENHANCEMENT:**

As software is used, the customer/user will recognize additional functions that will provide benefit. Perceptive maintenance extends the software beyond its original function requirements.

#### **PREVENTION:**

Computer software deteriorates due to change, and because of this, preventive maintenance, often called software re engineering, must be conducted to enable the software to serve the needs of its end users. In essence, preventive maintenance makes changes to computer programs so that they can be more easily corrected, adapted, and enhanced. Software configuration management (SCM) is an umbrella activity that is applied throughout the software process.



### **CONCLUSION:**

The package was designed in such a way that future modifications can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the efficiency
- ➤ It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- ➤ It effectively overcomes the delay in communications.
- > Updating of information becomes so easier.
- > System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

#### **FUTURE ENHANCEMENTS:**

This application avoids the manual work and the problems concern with it. It is an easy way to obtain the information regarding the various products information that are present in the Super markets.

Well I and my team members have worked hard in order to present an improved website better than the existing one's regarding the information about the various activities. Still, we found out that the project can be done in a better way. Primarily, when we request information about a particular product it just shows the company, product id, product name and no. of quantities available. So, after getting the information we can get access to the product company website just by a click on the product name.

The next enhancement that we can add the searching option. We can directly search to the particular product company from this site .These are the two enhancements that we could think of at present.

## REFERENCES AND WEBLINKS

Django Documentation:

https://docs.djangoproject.com/en/4.0/

HTML Documentation:

https://developer.mozilla.org/en-US/docs/Web/HTML

**CSS** Documentation:

https://developer.mozilla.org/en-US/docs/Web/CSS