For dashboard/backend code

CATEGORY_LIST

```
{% extends "administrator/master.html" %} {% block content %}

<div class="col-sm-9">
    <div class="well">
        <h4>Category List</h4>
        <table class="table table-bordered">
            <tr>
                <th>Category Name</th>
                <th>Action</th>
            </tr>
            {% for a in data %}
            <tr>
                <td>{{a.category}}</td>
                <td>
                    <a href="delete_category?id={{a.id}}" class="btn
btn-danger">delete</a>
                </td>
            </tr>
            {% endfor %}
        </table>


    </div>
</div>




{% endblock %}
```

Dashboard

```
<!DOCTYPE html>
<html lang="en">


<head>
    <title>PRV GADGET STORE</title>
    <meta charset="utf-8">
```

```html
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.mi
n.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"
></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.
js"></script>
    <style>
        /* Set height of the grid so .sidenav can be 100% (adjust as
needed) */

        .row.content {
            height: 550px
        }
        /* Set gray background color and 100% height */

        .sidenav {
            background-color: #f1f1f1;
            height: 100%;
        }
        /* On small screens, set height to 'auto' for the grid */

        @media screen and (max-width: 767px) {
            .row.content {
                height: auto;
            }
        }
    </style>
</head>

<body>

    <nav class="navbar navbar-inverse visible-xs">
        <div class="container-fluid">
            <div class="navbar-header">
```

```html
                <button type="button" class="navbar-toggle"
data-toggle="collapse" data-target="#myNavbar">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
    </button>
                <a class="navbar-brand" href="#">Logo</a>
            </div>
            <div class="collapse navbar-collapse" id="myNavbar">
                <h2>prv gadget store</h2>
                <ul class="nav navbar-nav">
                    <li class="active"><a
href="dashboard">Dashboard</a></li>
                    <li><a href="upload_category">upload
category</a></li>
                    <li><a href="category_list">category list</a></li>
                    <li><a href="upload_product">upload
product</a></li>
                    <li><a href="product_list">product list</a></li>
                    <li><a href="#">purchase</a></li>
                    <li><a href="logout">logout</a></li>
                </ul><br>
                </ul>
            </div>
        </div>
    </nav>

    <div class="container-fluid">
        <div class="row content">
            <div class="col-sm-3 sidenav hidden-xs">
                <h2>prv gadget store</h2>
                <ul class="nav nav-pills nav-stacked">
                    <li class="active"><a
href="dashboard">Dashboard</a></li>
                    <li><a href="upload_category">upload
category</a></li>
                    <li><a href="category_list">category list</a></li>
                    <li><a href="upload_product">upload
product</a></li>
                    <li><a href="product_list">product list</a></li>
```

```html
                <li><a href="#">purchase</a></li>
                <li><a href="logout">logout</a></li>
            </ul><br>
        </div>
        <br>

        <div class="col-sm-9">
            <div class="well">
                <h4>Dashboard</h4>
                <p>WELOCME TO OUR ONLNE GADGET STORE</p>
                <p>!!.....HAVE A GREAT DAY.....!!</p>

            </div>
        </div>

</body>

</html>
```

Footer

```html
</body>

</html>
```

Header

```html
{% load static %}
<!DOCTYPE html>
<html lang="en">

<head>
    <title>PRV GADGET STORE</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.mi
n.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"
></script>
```

```html
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.
js"></script>
    <style>
        /* Set height of the grid so .sidenav can be 100% (adjust as
needed) */

        .row.content {
            height: 550px
        }
        /* Set gray background color and 100% height */

        .sidenav {
            background-color: #f1f1f1;
            height: 100%;
        }
        /* On small screens, set height to 'auto' for the grid */

        @media screen and (max-width: 767px) {
            .row.content {
                height: auto;
            }
        }
    </style>
</head>

<body>

    <nav class="navbar navbar-inverse visible-xs">
        <div class="container-fluid">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle"
data-toggle="collapse" data-target="#myNavbar">
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
                <a class="navbar-brand" href="#">Logo</a>
            </div>
            <div class="collapse navbar-collapse" id="myNavbar">
```

```
                    <h2>prv gadget store</h2>
                    <ul class="nav navbar-nav">
                        <li class="active"><a
href="dashboard">Dashboard</a></li>
                        <li><a href="upload_category">upload
category</a></li>
                        <li><a href="category_list">category list</a></li>
                        <li><a href="product_list">product list</a></li>
                        <li><a href="#">purchase</a></li>
                        <li><a href="logout">logout</a></li>
                    </ul><br>
                </ul>
            </div>
        </div>
    </nav>


    <div class="container-fluid">
        <div class="row content">
            <div class="col-sm-3 sidenav hidden-xs">
                <h2>prv gadget store</h2>
                <ul class="nav nav-pills nav-stacked">
                    <li class="active"><a
href="dashboard">Dashboard</a></li>
                    <li><a href="upload_category">upload
category</a></li>
                    <li><a href="category_list">category list</a></li>
                    <li><a href="upload_product">upload
product</a></li>
                    <li><a href="product_list">product list</a></li>
                    <li><a href="purchase1">purchase</a></li>
                    <li><a href="logout">logout</a></li>
                </ul><br>
            </div>
            <br>
```

Index

```
{% load static %} {% extends "administrator/master.html"%} {% block
content %}

<div class="col-sm-9">
    <div class="well">
```

```
        <h4>Dashboard</h4>
        <p>Welcome to our online gadget store</p>


    </div>
</div>




{% endblock %}
```

Login

```
<!DOCTYPE html>
<html lang="en" dir="ltr">

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>PRV GADGET STORE
    </title>
    <link rel="stylesheet" href="css/style.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.2/css/a
ll.min.css" />
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/sweetalert/2.1.0/sweetaler
t.min.js"></script>
    <link rel="shortcut icon" href="../assets/img/logo.png" />
</head>

<body>
    <style>
        @import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400
;500;600;700&display=swap');
        * {
            margin: 0;
            padding: 0;
            box-sizing: border-box;
            font-family: 'Poppins', sans-serif;
```

```css
        }

        body {
            background:
url("https://images.static-collegedunia.com/public/college_data/images
/appImage/150009760957416cover.jpg?tr=c-force");
            width: auto;
            overflow: hidden;
        }

        ::selection {
            background: rgba(26, 188, 156, 0.3);
        }

        .container {
            max-width: 440px;
            padding: 0 20px;
            margin: 170px auto;
        }

        .wrapper {
            width: 100%;
            background: #fff;
            border-radius: 5px;
            box-shadow: 0px 4px 10px 1px rgba(0, 0, 0, 0.1);
        }

        .wrapper .title {
            height: 90px;
            background: #16a085;
            border-radius: 5px 5px 0 0;
            color: #fff;
            font-size: 30px;
            font-weight: 600;
            display: flex;
            align-items: center;
            justify-content: center;
        }

        .wrapper form {
```

```css
            padding: 30px 25px 25px 25px;
        }

        .wrapper form .row {
            height: 45px;
            margin-bottom: 15px;
            position: relative;
        }

        .wrapper form .row input {
            height: 100%;
            width: 100%;
            outline: none;
            padding-left: 60px;
            border-radius: 5px;
            border: 1px solid lightgrey;
            font-size: 16px;
            transition: all 0.3s ease;
        }

        form .row input:focus {
            border-color: #16a085;
            box-shadow: inset 0px 0px 2px 2px rgba(26, 188, 156,
0.25);
        }

        form .row input::placeholder {
            color: #999;
        }

        .wrapper form .row i {
            position: absolute;
            width: 47px;
            height: 100%;
            color: #fff;
            font-size: 18px;
            background: #16a085;
            border: 1px solid #16a085;
            border-radius: 5px 0 0 5px;
            display: flex;
```

```css
        align-items: center;
        justify-content: center;
    }

    .wrapper form .pass {
        margin: -8px 0 20px 0;
    }

    .wrapper form .pass a {
        color: #16a085;
        font-size: 17px;
        text-decoration: none;
    }

    .wrapper form .pass a:hover {
        text-decoration: underline;
    }

    .wrapper form .button input {
        color: #fff;
        font-size: 20px;
        font-weight: 500;
        padding-left: 0px;
        background: #16a085;
        border: 1px solid #16a085;
        cursor: pointer;
    }

    form .button input:hover {
        background: #12876f;
    }

    .wrapper form .signup-link {
        text-align: center;
        margin-top: 20px;
        font-size: 17px;
    }

    .wrapper form .signup-link a {
        color: #16a085;
```

```
                text-decoration: none;
        }

        form .signup-link a:hover {
                text-decoration: underline;
        }
    </style>

    <div class="container">
        <div class="wrapper">
            <div class="title"><span>PRV GADGET STORE</span></div>
            <form action="save" method="post">
                {%csrf_token%}
                <div class="row">
                    <i class="fas fa-user"></i>
                    <input type="text" placeholder="Username"
name="username" required>
                </div>
                <div class="row">
                    <i class="fas fa-lock"></i>
                    <input type="password" placeholder="Password"
name="password" required>
                </div>
                <div class="row button">
                    <input type="submit" value="Login">
                    <center> {%for a in data%} {{a}}
{%endfor%}</center>
                </div>
            </form>
```

Master

```
{% include 'administrator/header.html' %}

<div>
    {% block content %} {% endblock %}
</div>

{% include 'administrator/footer.html' %}
```

Product list

```
{% extends "administrator/master.html" %} {% block content %}


<center>
    <h3>Product List</h3>
</center>
<div class="col-sm-9">
    <div class="well">
        <table border="2" cellpadding="10" width="100%">
            <tr>
                <th>category name</th>
                <th>product name</th>
                <th> price</th>
                <th> detail</th>
                <th>image</th>
            </tr>
            {% for a in data %}
            <tr>
                <td>{{a.category_name}}
                </td>
                <td>{{a.product_name}}</td>
                <td>{{a.price}}</td>
                <td>{{a.details}}</td>
                <td><img src="media/{{a.image}}"
style="width:100px"></td>
                <td><a href="delete?id={{a.id}}">delete
        </td>

    </tr>
    {% endfor %}



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




{% endblock %}
```
Upload category

```
{% extends "administrator/master.html" %} {% block content %}


<div class="col-sm-9">
    <div class="well">
        <h4>upload_category</h4>
        <form action="save_category" method="post">
            {%csrf_token %} category_name<input type="text"
name="category_name" class="form-control">


            <input type="submit">
        </form>


    </div>
</div>




{% endblock %}
```

Upload product

```
{% extends "administrator/master.html" %} {% block content %}


<div class="col-sm-9">
    <div class="well">
        <h4>Upload Product</h4>
        <form action='product_upload' method='post'
enctype='multipart/form-data'>
            {%csrf_token %}
            <label>category</label>


            <select name="category_name" class="form-control">
                {% for a in data %}
                <option value="{{a.category}}">{{a.category}}</option>
                {% endfor %}
            </select>


            <label>Product Name</label>
            <input type="text" name="product_name"
class="form-control"><br>
            <label>Price</label>
            <input type="text" name="price" class="form-control"><br>
```

```html
        <label>Details</label>
        <textarea name="details" class="form-control"></textarea>
        <br>
        <label>Upload</label>
        <input type="file" name="myfile" class="form-control"><br>
        <input type="submit" class="btn btn-success">
    </form>
    </div>
</div>


{% endblock %}
```

Models

```python
from django.db import models

# Create your models here.
class category(models.Model):
    category=models.CharField(max_length=50)

class product(models.Model):
    category_name=models.CharField(max_length=50)
    product_name=models.CharField(max_length=50)
    price=models.CharField(max_length=50)
    image=models.CharField(max_length=50)
    details=models.CharField(max_length=50)

class product2(models.Model):
    category_name=models.CharField(max_length=50)
    product_name=models.CharField(max_length=50)
    price=models.CharField(max_length=50)
    image=models.CharField(max_length=50)
    details=models.CharField(max_length=50)

class purchase(models.Model):
    category=models.CharField(max_length=50)
    product=models.CharField(max_length=50)
    price=models.CharField(max_length=50)
    emails=models.CharField(max_length=50)
```

```
    address=models.CharField(max_length=50)
    city=models.CharField(max_length=50)
    state=models.CharField(max_length=50)
    date=models.CharField(max_length=50)
```

Views

```python
from django.shortcuts import render, redirect
from django.http import HttpResponse
from django.contrib.auth.models import User,auth
from django.core.mail import send_mail
from django.contrib.auth.hashers import make_password
from.models import category,purchase,product
import os
from django.core.files.storage import FileSystemStorage


# Create your views here.
def login(request):
    return render(request,'administrator/login.html')


def save(request):
    username=request.POST['username']
    password=request.POST['password']
    # logic for login
    User=auth.authenticate(username=username,password=password)
    if User is not None:
        auth.login(request,User)
        return redirect(dashboard)
    else:
        return
render(request,'administrator/login.html',{'data':'invalid login'})



def dashboard(request):
    return render(request,"administrator/dashboard.html")


def upload_category(request):
    return render(request,'administrator/upload_category.html')


def save_category(request):
    category_name=request.POST['category_name']
    k=category(category=category_name)
```

```python
        k.save()
    return redirect(category_list)



def category_list(request):
    z=category.objects.all()
    return
render(request,'administrator/category_list.html',{'data':z})

def delete_category(request):

    x=category.objects.get(pk=request.GET['id'])
    x.delete()
    return redirect("category_list")


def upload_product(request):
    k=category.objects.all()
    return
render(request,"administrator/upload_product.html",{'data':k})

def product_upload(request):

    category_name=request.POST['category_name']
    product_name=request.POST['product_name']
    price=request.POST['price']
    details=request.POST['details']

    #fetch the image
    filepath = request.FILES['myfile']
    filename = filepath.name #store file name

    file_type = os.path.splitext(str(filepath))[1]

    if(file_type==".jpg" or file_type==".jpeg" or file_type==".png"):
        obj = FileSystemStorage() #creating object of
FileSystemStorage Class
        k    = obj.save(filename, filepath) # using save(FileName,
FilePath) function
        uploaded_file_url = obj.url(k)
```

```python
        k1=product(product_name=product_name,
category_name=category_name, price=price, details=details,
image=filename)
        k1.save()
        return redirect("upload_product")


    else:
        return HttpResponse("Error! Invalid File")

def product_list(request):
    k=product.objects.all()

    return render(request,
"administrator/product_list.html",{'data':k})



def delete(request):
    k=product.objects.all()
    x=product.objects.get(pk=request.GET['id'])
    x.delete()
    return redirect("product_list")
def logout(request):
    auth.logout(request)
    return redirect("login")
```

Urls

```python
from django.contrib import admin
from django.urls import path, include
from.import views
from django.conf import settings
from django.conf.urls.static import static

urlpatterns=[
    path('login',views.login,name='login'),
    path('upload_category',views.upload_category,name='upload_category'),
    path('product_list',views.product_list,name='product_list'),
    path('save',views.save,name='save'),
    path('logout',views.logout,name='logout'),
    path('save_category',views.save_category,name='save_category'),
    path('dashboard',views.dashboard,name='dashboard'),
    path('category_list',views.category_list,name='category_list'),
    path('delete_category',views.delete_category,name='delete_category'),
```

```python
        path('upload_product',views.upload_product,name='upload_product'),
        path('product_upload',views.product_upload,name='product_upload'),
        #path('reset',views.reset,name='reset'),
        #path('verify',views.verify,name='verify'),
        #path('match',views.match,name='match'),
        #path('newpassword',views.newpassword,name='newpassword'),
        #path('disply',views.disply,name='disply'),
        path('delete',views.delete,name='delete'),
        #path('',views.home,name='home')
]
urlpatterns += static(settings.STATIC_URL, document_root=settings.STATIC_ROOT)
urlpatterns += static(settings.MEDIA_URL, document_root=settings.MEDIA_ROOT)
```

setting .py

```python
"""
Django settings for college2 project.

Generated by 'django-admin startproject' using Django 3.2.7.

For more information on this file, see
https://docs.djangoproject.com/en/3.2/topics/settings/

For the full list of settings and their values, see
https://docs.djangoproject.com/en/3.2/ref/settings/
"""

from pathlib import Path
import os

# Build paths inside the project like this: BASE_DIR / 'subdir'.
BASE_DIR = Path(__file__).resolve().parent.parent


# Quick-start development settings - unsuitable for production
# See
https://docs.djangoproject.com/en/3.2/howto/deployment/checklist/

# SECURITY WARNING: keep the secret key used in production secret!
SECRET_KEY =
'django-insecure-(+s=3qat&%f!lnl#x9t$s90(dg)_6v&9+9qpg6(m0&tz*@%6xm'
```

```python
# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = True

ALLOWED_HOSTS = []


# Application definition

INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'administrator',
    'front',
    'payu'
]

MIDDLEWARE = [
    'django.middleware.security.SecurityMiddleware',
    'django.contrib.sessions.middleware.SessionMiddleware',
    'django.middleware.common.CommonMiddleware',
    'django.middleware.csrf.CsrfViewMiddleware',
    'django.contrib.auth.middleware.AuthenticationMiddleware',
    'django.contrib.messages.middleware.MessageMiddleware',
    'django.middleware.clickjacking.XFrameOptionsMiddleware',
]

ROOT_URLCONF = 'college2.urls'

TEMPLATES = [
    {
        'BACKEND': 'django.template.backends.django.DjangoTemplates',
        'DIRS': [],
        'APP_DIRS': True,
        'OPTIONS': {
            'context_processors': [
```

```python
                'django.template.context_processors.debug',
                'django.template.context_processors.request',
                'django.contrib.auth.context_processors.auth',
                'django.contrib.messages.context_processors.messages',
            ],
        },
    },
]


WSGI_APPLICATION = 'college2.wsgi.application'



# Database
# https://docs.djangoproject.com/en/3.2/ref/settings/#databases


DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.sqlite3',
        'NAME': BASE_DIR / 'db.sqlite3',
    }
}



# Password validation
#
https://docs.djangoproject.com/en/3.2/ref/settings/#auth-password-vali
dators


AUTH_PASSWORD_VALIDATORS = [
    {
        'NAME':
'django.contrib.auth.password_validation.UserAttributeSimilarityValida
tor',
    },
    {
        'NAME':
'django.contrib.auth.password_validation.MinimumLengthValidator',
    },
    {
```

```python
        'NAME':
'django.contrib.auth.password_validation.CommonPasswordValidator',
    },
    {
        'NAME':
'django.contrib.auth.password_validation.NumericPasswordValidator',
    },
]


# Internationalization
# https://docs.djangoproject.com/en/3.2/topics/i18n/

LANGUAGE_CODE = 'en-us'

TIME_ZONE = 'UTC'

USE_I18N = True

USE_L10N = True

USE_TZ = True


# Static files (CSS, JavaScript, Images)
# https://docs.djangoproject.com/en/3.2/howto/static-files/

STATIC_URL = '/static/'

# Default primary key field type
#
https://docs.djangoproject.com/en/3.2/ref/settings/#default-auto-field

DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'
MEDIA_URL = '/media/' #media is name of the folder.
MEDIA_ROOT = os.path.join(BASE_DIR, 'media')




EMAIL_HOST = 'smtp.mailtrap.io'
```

```
EMAIL_HOST_USER = 'b4e2cff26899a7'
EMAIL_HOST_PASSWORD = '13100ad50491de'
EMAIL_PORT = '2525'


PAYU_MERCHANT_KEY = "ADD_YOUR_MERCHANT_KEY"
PAYU_MERCHANT_SALT = "ADD_YOUR_MERCHANT_SALT"
# Change the PAYU_MODE to 'LIVE' for production.
PAYU_MODE = "TEST"
```