**Base.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Bootstrap Page with Sidebar</title>

<link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">

<style>

body {

background: linear-gradient(45deg, #ff6b6b, #ffcc33);

font-family: 'Comic Sans MS', cursive, sans-serif;

color: #fff;

text-align: center;

padding: 20px;

}

.sidebar {

height: 100vh;

background-color: #343a40; /\* Background color for the sidebar \*/

padding-top: 20px;

position: fixed;

width: 250px;

}

.sidebar .nav-link {

color: #fff; /\* Text color for the sidebar links \*/

margin: 10px 0;

}

.sidebar .nav-link:hover {

color: #d4d4d4; /\* Hover color for the sidebar links \*/

}

.content {

margin-left: 270px; /\* Adjust this based on the sidebar width \*/

padding: 20px;

}

</style>

</head>

<body>

<div class="sidebar">

<a class="navbar-brand text-center d-block mb-4" href="#">Sleep Disorders</a>

<ul class="nav flex-column">

<li class="nav-item">

<a class="nav-link" href="{% url 'index' %}">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="{% url 'userLogin' %}">User-Login</a>

</li>

<li class="nav-item">

<a class="nav-link" href="{% url 'adminLogin' %}">Admin-Login</a>

</li>

<li class="nav-item">

<a class="nav-link" href="{% url 'userregister' %}">User-Registration</a>

</li>

</ul>

</div>

{% block contents %}

{% endblock %}

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</body>

</html>

**Views.py:**

from django.shortcuts import render, redirect

from django.contrib.auth import logout

from django.contrib import messages

from . models import UserRegistration

from django.conf import settings

import os

import pandas as pd

def Index(request):

return render(request, 'index.html')

def UserRegistrationPage(request):

if request.method =='POST':

name = request.POST['name']

email = request.POST['email']

phonenumber = request.POST['phone']

address = request.POST['address']

username = request.POST['username']

password = request.POST['pswd']

userdetails = UserRegistration.objects.create(

name = name,

email = email,

phonenumber = phonenumber,

address = address,

username = username,

password = password,

)

userdetails.save()

messages.success(request, 'Registration Successful')

print('Registration Success............')

return render(request, 'userregisterpage.html')

def UserLoginPage(request):

if request.method == 'POST':

UserName = request.POST['username']

Password = request.POST['pswd']

try:

user = UserRegistration.objects.get(username=UserName, password=Password)

if user.is\_active:

request.session['username'] = user.username

request.session['email'] = user.email

request.session['name'] = user.name

return redirect('UserHome')

else:

messages.warning(request, 'Your account is not active. Please Activate through Admin.')

return redirect('userLogin')

except UserRegistration.DoesNotExist:

messages.warning(request, 'Check your login details.')

return redirect('userLogin')

return render(request, 'userloginpage.html')

def UserHomePage(request):

name = request.session.get('name')

email = request.session.get('email')

username = request.session.get('username')

return render(request, 'users/userbase.html', {'name':name, 'email':email,'username':username})

def DataSetView(request):

path = os.path.join(settings.MEDIA\_ROOT, 'data', 'Balanced\_dataset.csv')

data = pd.read\_csv(path)

return render(request, 'users/datasetView.html', {'data': data.to\_html(classes='table table-striped table-bordered')})

def ModelMatrices(request):

return render(request, 'analysis/matrices.html')

def UserLogout(request):

logout(request)

return redirect('userLogin')