**SOURCE CODE**

**Urls.py:**

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The `urlpatterns` list routes URLs to views. For more information please see:

https://docs.djangoproject.com/en/2.0/topics/http/urls/

Examples:

Function views

1. Add an import: from my\_app import views

2. Add a URL to urlpatterns: path('', views.home, name='home')

Class-based views

1. Add an import: from other\_app.views import Home

2. Add a URL to urlpatterns: path('', Home.as\_view(), name='home')

Including another URLconf

1. Import the include() function: from django.urls import include, path

2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))

"""

from django.conf.urls import url

from django.contrib import admin

from django.urls import path

from admn.views import \*

from student import views as student

urlpatterns = [

url(r'^admin/', admin.site.urls),

# url(r'^$', index, name="index"),

url(r'^index/', index, name="index"),

url(r'^adminlogin/', adminlogin, name="adminlogin"),

url(r'^adminloginaction/', adminloginaction, name="adminloginaction"),

url(r'^decisiontree/', decisiontree, name="decisiontree"),

url(r'^naviebyes/', naviebyes, name="naviebyes"),

url(r'^logout/', logout, name="logout"),

path('student/',student.studentlogin,name='student'),

path('studentpage/',student.studentpage,name='studentpage'),

path('studentregister/',student.studentregister,name='studentregister'),

path('studentlogincheck/',student.studentlogincheck,name='studentlogincheck'),

path('studentloginche/',student.studentlogincheck,name='studentlogincheck'),

path('studentdetails/',student.studentdetails,name='studentdetails'),

path('studentclass/',student.studentclass,name='studentclass'),

path('activatestudent/',student.activatestudent,name='activatestudent'),

]

**Admin.views.py:**

**---------------**

from django.shortcuts import render

import pandas as pd

import numpy as np

from sklearn import decomposition

import matplotlib.pyplot as plt

from sklearn import tree

from sklearn.model\_selection import train\_test\_split

from sklearn import preprocessing

from sklearn.metrics import accuracy\_score

from django.contrib import messages

from sklearn import datasets

from sklearn import metrics

from sklearn.naive\_bayes import GaussianNB

def index(request):

return render(request,"index.html")

def adminlogin(request):

return render(request,"adminlogin.html")

def adminloginaction(request):

if request.method == "POST":

#if request.method == "POST":

usid = request.POST.get('username')

pswd = request.POST.get('password')

if usid == 'admin' and pswd == 'admin':

return render(request,'admin/adminhome.html')

else:

messages.success(request, 'Invalid user id and password')

#messages.success(request, 'Invalid user id and password')

return render(request,'adminlogin.html')

def decisiontree(request):

dataset = pd.read\_csv("roo\_data.csv")

data = dataset.iloc[:, :-1].values

label = dataset.iloc[:, -1].values

len(data[0])

print(dataset.iloc[:, 14:38])

print(dataset.iloc[:, :14])

from sklearn.preprocessing import LabelEncoder, OneHotEncoder

labelencoder = LabelEncoder()

for i in range(14, 38):

data[:, i] = labelencoder.fit\_transform(data[:, i])

data[:5]

data[:5, 14:]

from django.shortcuts import render

from student.models import \*

from student.forms import \*

from django.http import HttpResponse

from django.contrib import messages

def studentlogin(request):

return render(request,'student/studentlogin.html')

def studentpage(request):

return render(request,'student/studentpage.html')

def studentregister(request):

if request.method=='POST':

form1=studentForm(request.POST)

if form1.is\_valid():

form1.save()

print("succesfully saved the data")

return render(request, "student/studentlogin.html")

#return HttpResponse("registreration succesfully completed")

else:

print("form not valied")

return HttpResponse("form not valied")

else:

form=studentForm()

return render(request,"student/studentregister.html",{"form":form})

def studentlogincheck(request):

if request.method == 'POST':

sname = request.POST.get('sname')

print(sname)

spasswd = request.POST.get('spasswd')

print(spasswd)

try:

check = student.objects.get(name=sname, passwd=spasswd)

# print('usid',usid,'pswd',pswd)

print(check)

# request.session['name'] = check.name

# print("name",check.name)

status = check.status

print('status',status)

if status == "Activated":

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

return render(request, 'student/studentpage.html')

else:

messages.success(request, 'student is not activated')

return render(request, 'student/studentlogin.html')

except Exception as e:

print('Exception is ',str(e))

pass

messages.success(request,'Invalid name and password')

return render(request,'student/studentlogin.html')

def studentdetails(request):

s=student.objects.all()

return render(request,'admin/studentdetails.html',{"qs":s})

def activatestudent(request):

if request.method =='GET':

uname=request.GET.get('pid')

print(uname)

status='Activated'

print("pid=",uname,"status=",status)

student.objects.filter(id=uname).update(status=status)

qs=student.objects.all()

return render(request,"admin/studentdetails.html",{"qs":qs})

def studentclass(request):

return render(request,'student/studentclass.html')

**models.py:**

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**from** django.db **import** models  
  
  
**class** student(models.Model):  
 name = models.CharField(max\_length=50)  
 email = models.EmailField()  
 passwd = models.CharField(max\_length=40)  
 cwpasswd = models.CharField(max\_length=40)  
 mobileno = models.CharField(max\_length=50, default=**""**, editable=**True**)  
 status = models.CharField(max\_length=40, default=**""**, editable=**True**)  
  
 **def** \_\_str\_\_(self):  
 **return** self.email  
  
 **class** Meta:  
 db\_table=**'studentregister'**

**teacherlogin.html**

{% extends 'base.html' %}

{% block contents %}

<div>

<h2>Student Login Form</h2>

<p>

<form action="/studentlogincheck/" method="POST">

{% csrf\_token %}

<table><tr><td style="color:blue">

<input type="text" name="sname" placeholder="student Login" ><br/><br/>

<!-- <input type="email" name="email" class="form-control" placeholder="Email">-->

<input type="password" name="spasswd" placeholder="Password" ><br/><br/>

</td></tr></table> <input type="submit" style="color:#FF4500" value="submit"><br/>

<br><br>New Customer Register Here ?<a href="{% url 'studentregister' %}" style="color:blue">Click Here</a>

</form> </h3>

{% if messages %}

{% for message in messages %}

<font color='darkred'> {{ message }}</font>

{% endfor %}

{% endif %}

</p></h3>

</div>

{% endblock %}

Adminbase.html:

---------------------

{% load static %}  
<!DOCTYPE **HTML**>  
<**html**>  
 <**head**>  
 <**meta charset="utf-8"**>  
 <**meta http-equiv="X-UA-Compatible" content="IE=edge"**>  
 <**title**>Orange **&mdash;** Free Website Template, Free HTML5 Template by FreeHTML5.co</**title**>  
 <**meta name="viewport" content="width=device-width, initial-scale=1"**>  
 <**meta name="description" content="Free HTML5 Website Template by FreeHTML5.co"** />  
 <**meta name="keywords" content="free website templates, free html5, free template, free bootstrap, free website template, html5, css3, mobile first, responsive"** />  
 <**meta name="author" content="FreeHTML5.co"** />  
  
 *<!--  
 //////////////////////////////////////////////////////  
  
 FREE HTML5 TEMPLATE  
 DESIGNED & DEVELOPED by FreeHTML5.co  
  
 Website: http://freehtml5.co/  
 Email: info@freehtml5.co  
 Twitter: http://twitter.com/fh5co  
 Facebook: https://www.facebook.com/fh5co  
  
 //////////////////////////////////////////////////////  
 -->  
  
 <!-- Facebook and Twitter integration -->* <**meta property="og:title" content=""**/>  
 <**meta property="og:image" content=""**/>  
 <**meta property="og:url" content=""**/>  
 <**meta property="og:site\_name" content=""**/>  
 <**meta property="og:description" content=""**/>  
 <**meta name="twitter:title" content=""** />  
 <**meta name="twitter:image" content=""** />  
 <**meta name="twitter:url" content=""** />  
 <**meta name="twitter:card" content=""** />  
  
 <**link href='https://fonts.googleapis.com/css?family=Work+Sans:400,300,600,400italic,700' rel='stylesheet' type='text/css'**>  
 <**link href="https://fonts.googleapis.com/css?family=Playfair+Display:400,700" rel="stylesheet"**>  
  
 *<!-- Animate.css -->* <**link rel="stylesheet" href="{% static 'css/animate.css' %}"**>  
 *<!-- Icomoon Icon Fonts-->* <**link rel="stylesheet" href="{% static 'css/icomoon.css' %}"**>  
 *<!-- Bootstrap -->* <**link rel="stylesheet" href="{% static 'css/bootstrap.css' %}"**>  
 *<!-- Theme style -->* <**link rel="stylesheet" href="{% static 'css/style.css' %}"**>  
  
 *<!-- Modernizr JS -->* <**script src="{% static 'js/modernizr-2.6.2.min.js' %}"**></**script**>  
 *<!-- FOR IE9 below -->  
 <!--[if lt IE 9]>  
 <script src="{% static 'js/respond.min.js' %}"></script>  
 <![endif]-->* </**head**>  
 <**body**>  
  
 <**div class="fh5co-loader"**></**div**>  
  
 <**div id="page"**>  
 <**nav class="fh5co-nav" role="navigation"**>  
 <**div class="container"**>  
 <**div class="row"**>  
 <**div class="left-menu text-right menu-1"**>  
 <**ul**>  
 *<!--<li><a href="{% url 'index' %}">Work</a></li>  
 <li><a href="{% url 'index' %}">About</a></li>-->* </**ul**>  
 </**div**>  
 <**div class="logo text-center"**>  
 *<!--<div id="fh5co-logo"><a href="{% url 'index' %}">Orange.</a></div>-->* </**div**>  
 <**div class="right-menu text-left menu-1"**>  
 <**ul**>  
 *<!--<li class="has-dropdown">  
 <a href="#">Tools</a>  
 <ul class="dropdown">  
 <li><a href="#">HTML5</a></li>  
 <li><a href="#">CSS3</a></li>  
 <li><a href="#">Sass</a></li>  
 <li><a href="#">jQuery</a></li>  
 </ul>  
 </li>-->*<**li**><**a href="{% url 'studentdetails' %}"**>studentdata</**a**></**li**>  
 <**li**><**a href="{% url 'decisiontree' %}"**>Decisiontree</**a**></**li**>  
 <**li**><**a href="{% url 'naviebyes' %}"**>Naviebayes</**a**></**li**>  
 <**li**><**a href="{% url 'logout' %}"**>logout</**a**></**li**>  
 *<!-- <li class="btn-cta"><a href="#"><span>Login</span></a></li> -->* </**ul**>  
 </**div**>  
 </**div**>  
  
 </**div**>  
 </**nav**>  
  
 <**header id="fh5co-header" class="fh5co-cover" role="banner" style="**background-image:url({% static 'images/img\_bg\_2.jpg' %});**"**>  
 <**div class="overlay"**></**div**>  
 <**div class="container"**>  
 <**div class="row"**>  
 <**div class="col-md-10 col-md-offset-1 text-center"**>  
 <**div class="display-t"**>  
 <**div class="display-tc animate-box" data-animate-effect="fadeIn"**>  
 <**br**><**br**><**br**><**br**><**br**>  
 {% block contents %}  
  
 {% endblock %}  
 *<!--<h2>Free html5 templates Made by <a href="http://freehtml5.co/" target="\_blank">freehtml5.co</a></h2>-->* <**div class="row"**>  
 <**form class="form-inline" id="fh5co-header-subscribe"**>  
 <**div class="col-md-6 col-md-offset-3"**>  
 *<!--<div class="form-group">  
 <input type="text" class="form-control" id="email" placeholder="Enter your email">  
 <button type="submit" class="btn btn-default">Join Now</button>  
 </div>-->* </**div**>  
 </**form**>  
  
 </**div**>  
 </**div**>  
 </**div**>  
 </**div**>  
 </**div**>  
 </**div**>  
  
 </**header**>  
  
  
  
 *<!--<div id="fh5co-services" class="fh5co-bg-section">  
 <div class="container">  
 <div class="row">  
 <div class="col-md-4 col-sm-4">  
 <div class="feature-center animate-box" data-animate-effect="fadeIn">  
 <span class="icon">  
 <i class="icon-eye"></i>  
 </span>  
 <h3>Retina Ready</h3>  
 <p>Far far away, behind the word mountains, far from the countries Vokalia and Consonantia.</p>  
 </div>  
 </div>  
 <div class="col-md-4 col-sm-4">  
 <div class="feature-center animate-box" data-animate-effect="fadeIn">  
 <span class="icon">  
 <i class="icon-command"></i>  
 </span>  
 <h3>Fully Responsive</h3>  
 <p>Far far away, behind the word mountains, far from the countries Vokalia and Consonantia.</p>  
 </div>  
 </div>  
 <div class="col-md-4 col-sm-4">  
 <div class="feature-center animate-box" data-animate-effect="fadeIn">  
 <span class="icon">  
 <i class="icon-mouse"></i>  
 </span>  
 <h3>Web Starter</h3>  
 <p>Far far away, behind the word mountains, far from the countries Vokalia and Consonantia.</p>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
 <div id="fh5co-project">  
 <div class="container">  
 <div class="row animate-box">  
 <div class="col-md-8 col-md-offset-2 text-center fh5co-heading">  
 <h2>Our Project</h2>  
 <p>Dignissimos asperiores vitae velit veniam totam fuga molestias accusamus alias autem provident. Odit ab aliquam dolor eius.</p>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-4 col-sm-6 fh5co-project animate-box" data-animate-effect="fadeIn">  
 <a href="#"><img src="images/work-1.jpg" alt="Free HTML5 Website Template by FreeHTML5.co" class="img-responsive">  
 <h3>Sea</h3>  
 <span>Web Design</span>  
 </a>  
 </div>  
 <div class="col-md-4 col-sm-6 fh5co-project animate-box" data-animate-effect="fadeIn">  
 <a href="#"><img src="images/work-2.jpg" alt="Free HTML5 Website Template by FreeHTML5.co" class="img-responsive">  
 <h3>Nature</h3>  
 <span>Application</span>  
 </a>  
 </div>  
 <div class="col-md-4 col-sm-6 fh5co-project animate-box" data-animate-effect="fadeIn">  
 <a href="#"><img src="images/work-3.jpg" alt="Free HTML5 Website Template by FreeHTML5.co" class="img-responsive">  
 <h3>Green Island</h3>  
 <span>Branding</span>  
 </a>  
 </div>  
 <div class="col-md-4 col-sm-6 fh5co-project animate-box" data-animate-effect="fadeIn">  
 <a href="#"><img src="images/work-4.jpg" alt="Free HTML5 Website Template by FreeHTML5.co" class="img-responsive">  
 <h3>Workspace</h3>  
 <span>Web Design</span>  
 </a>  
 </div>  
 <div class="col-md-4 col-sm-6 fh5co-project animate-box" data-animate-effect="fadeIn">  
 <a href="#"><img src="images/work-5.jpg" alt="Free HTML5 Website Template by FreeHTML5.co" class="img-responsive">  
 <h3>Nature</h3>  
 <span>Application</span>  
 </a>  
 </div>  
 <div class="col-md-4 col-sm-6 fh5co-project animate-box" data-animate-effect="fadeIn">  
 <a href="#"><img src="images/work-6.jpg" alt="Free HTML5 Website Template by FreeHTML5.co" class="img-responsive">  
 <h3>Green Island</h3>  
 <span>Branding</span>  
 </a>  
 </div>  
  
 </div>  
 </div>  
 </div>  
 <div id="fh5co-testimonial" style="background-image:url(images/img\_bg\_1.jpg);">  
 <div class="overlay"></div>  
 <div class="container">  
 <div class="row animate-box">  
 <div class="col-md-8 col-md-offset-2 text-center fh5co-heading">  
 <h2>Happy Clients</h2>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-md-4">  
 <div class="box-testimony animate-box">  
 <blockquote>  
 <span class="quote"><span><i class="icon-quote"></i></span></span>  
 <p>&ldquo;Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts. Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean.&rdquo;</p>  
 </blockquote>  
 <p class="author">John Doe, CEO <a href="http://freehtml5.co/" target="\_blank">FREEHTML5.co</a> <span class="subtext">Creative Director</span></p>  
 </div>  
  
 </div>  
 <div class="col-md-4">  
 <div class="box-testimony animate-box">  
 <blockquote>  
 <span class="quote"><span><i class="icon-quote"></i></span></span>  
 <p>&ldquo;Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts.&rdquo;</p>  
 </blockquote>  
 <p class="author">John Doe, CEO <a href="http://freehtml5.co/" target="\_blank">FREEHTML5.co</a> <span class="subtext">Creative Director</span></p>  
 </div>  
  
  
 </div>  
 <div class="col-md-4">  
 <div class="box-testimony animate-box">  
 <blockquote>  
 <span class="quote"><span><i class="icon-quote"></i></span></span>  
 <p>&ldquo;Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts. Separated they live in Bookmarksgrove right at the coast of the Semantics, a large language ocean.&rdquo;</p>  
 </blockquote>  
 <p class="author">John Doe, Founder <a href="#">FREEHTML5.co</a> <span class="subtext">Creative Director</span></p>  
 </div>  
  
 </div>  
 </div>  
 </div>  
 </div>  
  
 <div id="fh5co-blog" class="fh5co-bg-section">  
 <div class="container">  
 <div class="row animate-box">  
 <div class="col-md-8 col-md-offset-2 text-center fh5co-heading">  
 <h2>Recent Blog</h2>  
 <p>Dignissimos asperiores vitae velit veniam totam fuga molestias accusamus alias autem provident. Odit ab aliquam dolor eius.</p>  
 </div>  
 </div>  
 <div class="row">  
 <div class="col-lg-4 col-md-4">  
 <div class="fh5co-blog animate-box">  
 <a href="#"><img class="img-responsive" src="images/work-4.jpg" alt=""></a>  
 <div class="blog-text">  
 <h3><a href=""#>45 Minimal Workspace Rooms for Web Savvys</a></h3>  
 <span class="posted\_on">Nov. 15th</span>  
 <span class="comment"><a href="">21<i class="icon-speech-bubble"></i></a></span>  
 <p>Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts.</p>  
 <a href="#" class="btn btn-primary">Read More</a>  
 </div>  
 </div>  
 </div>  
 <div class="col-lg-4 col-md-4">  
 <div class="fh5co-blog animate-box">  
 <a href="#"><img class="img-responsive" src="images/work-2.jpg" alt=""></a>  
 <div class="blog-text">  
 <h3><a href=""#>45 Minimal Worksspace Rooms for Web Savvys</a></h3>  
 <span class="posted\_on">Nov. 15th</span>  
 <span class="comment"><a href="">21<i class="icon-speech-bubble"></i></a></span>  
 <p>Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts.</p>  
 <a href="#" class="btn btn-primary">Read More</a>  
 </div>  
 </div>  
 </div>  
 <div class="col-lg-4 col-md-4">  
 <div class="fh5co-blog animate-box">  
 <a href="#"><img class="img-responsive" src="images/work-3.jpg" alt=""></a>  
 <div class="blog-text">  
 <h3><a href=""#>45 Minimal Workspace Rooms for Web Savvys</a></h3>  
 <span class="posted\_on">Nov. 15th</span>  
 <span class="comment"><a href="">21<i class="icon-speech-bubble"></i></a></span>  
 <p>Far far away, behind the word mountains, far from the countries Vokalia and Consonantia, there live the blind texts.</p>  
 <a href="#" class="btn btn-primary">Read More</a>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
  
 <div id="fh5co-started">  
 <div class="container">  
 <div class="row animate-box">  
 <div class="col-md-8 col-md-offset-2 text-center fh5co-heading">  
 <h2>Lets Get Started</h2>  
 <p>Dignissimos asperiores vitae velit veniam totam fuga molestias accusamus alias autem provident. Odit ab aliquam dolor eius.</p>  
 </div>  
 </div>  
 <div class="row animate-box">  
 <div class="col-md-8 col-md-offset-2">  
 <form class="form-inline">  
 <div class="col-md-6 col-md-offset-3 col-sm-6">  
 <button type="submit" class="btn btn-default btn-block">Get In Touch</button>  
 </div>  
 </form>  
 </div>  
 </div>  
 </div>  
 </div>  
  
 <footer id="fh5co-footer" role="contentinfo">  
 <div class="container">  
 <div class="row row-pb-md">  
 <div class="col-md-2 col-sm-4 col-xs-6">  
 <ul class="fh5co-footer-links">  
 <li><a href="#">About</a></li>  
 <li><a href="#">Help</a></li>  
 <li><a href="#">Contact</a></li>  
 <li><a href="#">Terms</a></li>  
 <li><a href="#">Meetups</a></li>  
 </ul>  
 </div>  
  
 <div class="col-md-2 col-sm-4 col-xs-6">  
 <ul class="fh5co-footer-links">  
 <li><a href="#">Shop</a></li>  
 <li><a href="#">Privacy</a></li>  
 <li><a href="#">Testimonials</a></li>  
 <li><a href="#">Handbook</a></li>  
 <li><a href="#">Held Desk</a></li>  
 </ul>  
 </div>  
  
 <div class="col-md-2 col-sm-4 col-xs-6">  
 <ul class="fh5co-footer-links">  
 <li><a href="#">Find Designers</a></li>  
 <li><a href="#">Find Developers</a></li>  
 <li><a href="#">Teams</a></li>  
 <li><a href="#">Advertise</a></li>  
 <li><a href="#">API</a></li>  
 </ul>  
 </div>  
 <div class="col-md-4 col-sm-12 col-xs-12 fh5co-widget col-md-push-1">  
 <h3>A Little About Orange</h3>  
 <p>Facilis ipsum reprehenderit nemo molestias. Aut cum mollitia reprehenderit. Eos cumque dicta adipisci architecto culpa amet.</p>  
 <p><a href="#">Learn More</a></p>  
 </div>  
 </div>  
  
 <div class="row copyright">  
 <div class="col-md-12 text-center">  
 <p>  
 <small class="block">&copy; 2016 Free HTML5. All Rights Reserved.</small>  
 <small class="block">Designed by <a href="http://freehtml5.co/" target="\_blank">FreeHTML5.co</a> Demo Images: <a href="http://unsplash.com/" target="\_blank">Unsplash</a></small>  
 </p>  
 <p>  
 <ul class="fh5co-social-icons">  
 <li><a href="#"><i class="icon-twitter"></i></a></li>  
 <li><a href="#"><i class="icon-facebook"></i></a></li>  
 <li><a href="#"><i class="icon-linkedin"></i></a></li>  
 <li><a href="#"><i class="icon-dribbble"></i></a></li>  
 </ul>  
 </p>  
 </div>  
 </div>  
  
 </div>  
 </footer>  
 </div>  
  
 <div class="gototop js-top">  
 <a href="#" class="js-gotop"><i class="icon-arrow-up"></i></a>  
 </div>-->  
  
 <!-- jQuery -->* <**script src="{% static 'js/jquery.min.js' %}"**></**script**>  
 *<!-- jQuery Easing -->* <**script src="{% static 'js/jquery.easing.1.3.js' %}"**></**script**>  
 *<!-- Bootstrap -->* <**script src="{% static 'js/bootstrap.min.js' %}"**></**script**>  
 *<!-- Waypoints -->* <**script src="{% static 'js/jquery.waypoints.min.js' %}"**></**script**>  
 *<!-- Main -->* <**script src="{% static 'js/main.js' %}"**></**script**>  
  
 </**body**>  
</**html**>