CLINIC WEBSITE

PROJECT NAME =CLINIC WEBSITE

LANGUAGE USED = PYTHON

TOOLS IN USE = DJANGO FRAMEWORK

MEMBERS=HIMANSHU, ANKIT, SOURABH, SURAJ

OBJECTIVE-

As it is clear from the name of the Project that the objective of our project is to book online appointment of the patients that are coming to the clinic and maintain the record of the previous as well as the new patients in the database.

- Provide ease to patients for booking online appointments
- Helps to maintain patients database

Scope-

It is the aim of our website to provide the ease to the customers that is patients as well as to the clinic by keeping database of patient's safe and booking online appointments for the proper and smooth functioning of the clinic as well as making patients satisfy by our service.

```
urls.py - ClinicProject - Visual Studio Code
                                                                                                                                                     ▷ ~ □ …
        urls.pv
G
        ClinicProject> vars.py > ...

from django.contrib import admin

from django.urls import include, path
                   urlpatterns = [
   path('admin/', admin.site.urls),
   path('', include('HomePage.urls')),
   path('User/', include('django.contrib.auth.urls')),
   # path('Appointment/', include('Appointment.urls')),
        👌 forms.py 🛛 🗡
        HomePage > ₱ forms.py > ...

1 from django import forms
2 from .models import Patient, Appointment
3 widgets = {
                             'bdate' : forms.SelectDateWidget(),
                   class PatientForm(forms.ModelForm):
                       class Meta:
    model = Patient
    fields = ('__all__')
    exclude = ['date_recorded', 'user']
                   class AppointmentForm(forms.ModelForm):
                       class Meta:

model = Appointment

fields = ('__all__')

exclude = ['approved', 'name']
```

```
models.py - ClinicProject - Visual Studio Code
models.py M X
                                                                                                                                                                                                                                                                                             D ~ ₩ Ш
                 ge > 🖗 models.py > ...
from django.conf import settings
                  from django.utils import timezone
from django.db import models
                  import uuid
from django.contrib.auth.models import User
                  GENDER_CHOICES = (

("Male", "Male"),

("Female", "Female"),
                 Dr_List = (
    ("Dr. LIM", "Dr. LIM"),
    ("Dr. Meledez", "Dr. Meledez"),
                  class Patient(models.Model):
                            # settings.AUTH_USER_MODEL
user = models.ForeignKey(settings.AUTH_USER_MODEL,on_delete=models.CASCADE)
id = models.UUIDField(default=uuid.uuid4, unique=True, editable=False, primary_key=True)
name = models.CharField(max_length=200, null=False, blank=False)
gender = models.CharField(max_length=200, null=False, blank=False)
phone = models.CharField(max_length=200, null=False, blank=False)
email = models.EmailField(max_length=200, null=False, blank=False)
date_recorded = models.DateTimeField(default=timezone.now)
                             def __str__(self):
    return self.name
                  class Appointment(models.Model):
                     patient = models.ForeignKey(Patient, on_delete=models.CASCADE)
name = models.CharField(max_length=100, null=True)
id_number = models.UUIDField(default=uuid.uuid4, unique=True, primary_key=True , editable=Fa
description = models.TextField(null=True,blank=True,default="This will be precribed by your
date_requested = models.DateTimeField(default=timezone.now)
approved = models.BooleanField(default=False)
Dr_Name = models.CharField(max_length=200, choices=Dr_List , default=" ", blank=False)
created = models.DateTimeField(auto_now_add=True)
# updated = models.DateTimeField(auto_now=True)
                             def __str__(self):
    return self.description
                 class PatientVisit(models.Model):
    patient = models.ForeignKey(Patient, on_delete=models.CASCADE)
    visit_date = models.DateTimeField(default=timezone.now)
                            def __str__(self):
    return self.patient.name
                 class Prescription(models.Model):
    Appointment = models.ForeignKey(Appointment, on_delete=models.CASCADE)
    prescribed_on = models.DateTimeField(default=timezone.now)
    prescription_notes = models.TextField(default='This will be precribed by your doctor.')
                             def __str__(self):
    return self.Appointment.name
                 class PatientBill(models.Model):
    patient = models.ForeignKey(Patient, on_delete=models.CASCADE)
    treatment_date = models.DateTimeField(default=timezone.now)
    amount = models.FloatField()
    payment_date = models.DateTimeField(default=timezone.now)
                            def __str__(self):
    return self.patient.name
                  class PatientFeedback(models.Model):
                            parient = models.ForeignKey(Patient, on_delete=models.CASCADE)
comment = models.TextField()
date_commented = models.DateTimeField(default=timezone.now)
                             def __str__(self):
    return self.patient.name
                  class HealthHistory(models.Model):
    patient = models.ForeignKey(Patient, on_delete=models.CASCADE)
    history = models.TextField()
                             def __str__(self):
    return self.patient.name
```

```
• views.py - ClinicProject - Visual Studio Code
🕏 views.py M 🍨
 HomePage > ♥ views.py > ♥ Login
                   from django.contrib.auth.models import User
from django.contrib.auth import authenticate, login, logout
from django.contrib import messages
def HomePage(request):
return render(request, 'Main.html')
                 return render(request, 'Main.html')

def Dashboard(request):
    return render(request, 'UI.html')

def appointment(request, pk):
    Appointmentsobj = Appointment.objects.get(id_number=pk)
    prescription = Appointmentsobj.prescription_set.all()
    context = {'Appointment': Appointmentsobj, 'prescription': prescription}

return render (request, 'SingleAppointment.html', context)

def appointments(request):
    Appointments = Appointment.objects.all()
    context = {'Appointments': Appointments}
    return render (request, 'Appointments)
    return render (request, 'Appointments)

form = AppointmentForm() #passed the appointment Form.

if request.method == 'POST':
    form = AppointmentForm(request.POST)
    userobj = request.user
    patients = Patient.objects.get(user=request.user)
    print(patients)
    if form.is_valid():
        obj = form.save(commit=False) # Return an object without saving to the DB
        obj.name = str(obj.patient)
        obj.save()

form = rend()
                                                      obj.save()
form.save()
return redirect('/Appointments/')
                 return redirect('Patients')

context = {'form': form }

return render(request, 'Add-Patient.html', context)

def patients(request):

Patients(request):
                   context = {'form': form }
  return render(request, 'Update-Patient.html', context)

def DeleteAppointment(request, pk):
  appointment = Appointment.objects.get(id_number=pk)
  if request.method == 'POST':
      appointment.delete()
      return redirect('Appointments')
  return render(request, 'Delete-Appointment.html', {'Appointment': appointment})

def viewpatients(request):
    userobj = request.user #making the instance of the current user
    Patients = userobj.patient_set.all() #then accessing all the patients created by the user
    context = {'Patients' : Patients}
    return render (request, 'Patients.html', context)

def signup(request):
                 newuser.save()
messages.success(request, 'Profile Created. Login Please.')
return redirect('/')
                  return reutrece(, , , else:
    else:
        return render(request, 'SignUp.html')

def Login(request):
    if 'Login' in request.POST:
        if request.method == 'POST':
            username = request.POST['username']
            password = request.POST['psw']
            user = authenticate(username = username, password = password)
        if user is not None:
                                                      if user is not None:
login(request, user)
return redirect('/')
                                                      else:
| messages.error(request,'username or password not correct. Please login Again')
| return render(request, 'Main.html')
```

HTML AND CSS PART

```
base.html - ClinicProject - Visual Studio Code
templates > @ base.html > ...

1 <!DOCTYPE html>
2 <html lang="en">
3 {% load static %}
                                       <meta charset="UTF-8" />
<meta http-equiv="X-UA-Compatible" content="IE=Edge" />
<meta name="description" content="Best Clinic Una" />
<meta name="keywords" content="Dev Clinic" />
<meta name="author" content="Sourabh" />
                                                                                                                                                                                                                                                                                                                                                                                                                            Parties and the second 
                                        content="width=device-width, initial-scale=1, maximum-scale=1"
/>
                                      <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka75k@Gln4gmtz2MlQnikTlwXgYsOg+OMhuP+IlRH9sENBOOLRn5q+8nbTov4+Ip"
crossorigin="anonymous"
></script>
</head>
<body
id="top"
id="top"
id="top"
id="top"</pre>
                                       data-spy="scroll"
data-target=".navbar-collapse"
data-offset="50"
                                      neader>
<diy class="container">
<diy class="row">
<div class="col-md-4 col-sm-5">

</div Class="col - md - 4 col - sm - 5" >

</div>
                                                                      <span class="date-icon"
    ><i class="fa fa-calendar-plus-o"></i> 6:00 AM - 10:00 PM
    (Mon-Fri)</span</pre>
                                                                       <span class="email-icon"
    ><i class="fa fa-envelope-o"></i>
    <a href="#">info@DevClinic.com</a></span</pre>
                                      <!-- MENU -->

<section class="navbar navbar-default navbar-static-top" role="navigation">

<div class="navbar-header">

<button

class="navbar-toggle"

data-toggle="collapse"

data-target=".navbar-collapse"
                                                            <span class="icon icon-bar"></span>
  <span class='icon icon-bar"></span>
  <span class='icon icon-bar"></span>
  </button>
                                                           <!-- lOGO TEXT HERE -->
<a href="/" class="navbar-brand"
><i class="fa fa-d-square"></i>Dev Clinic</a
                                                             {% else %}

*/ Class="smoothScroll">News</a>

*/ Rendif %
```

```
base.html - ClinicProject - Visual Studio Code
<div class="w3-animate-opacity">
   {% block content %}
          {%endblock %}
</div>
<!-- GOOGLE MAP -->
<section id="google-map">
<iframe
         <iframe
src='https://goo.gl/maps/64FFSuEKJLpNRAN57"
width="100%"
height='350"
frameborder='0"
style='border: 0"
allowfullscreen
></iframe>
</section>
         We believe in Patients Healthy recovery as soon as possible. If Patients has any query regarding our services. Contact us. We keep your health secrets.
                   ><img
><img
src="/static/images/news-image.jpg"
class='img-responsive"
alt="
/></a>
                     //</a>
</div
<div class="stories-info">
<a href="#"><h5>New Healing Process</h5></a>
<span>February 20, 2018</span>
</div>
```

```
base.html - ClinicProject - Visual Studio Code
templates > 5 base.html >
                                  open.ng neors

<phonday - Friday <span>06:00 AM - 10:00 PM</span>
Saturday <span>09:00 AM - 08:00 PM</span>
span>Closed</span>
</div>
                                attr="facebook-square"

| attr="facebook icon"
| ></a>
| 
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
```

```
Main.html - ClinicProject - Visual Studio Code
<!-- ABOUT -->
<section id="about">

<div class="container">

<div class="row">
    <div class="wow fadeInUp" data-wow-delay="0.8s">
     <!-- <div class="col-md-6 col-sm-6">
```

```
Main.html - ClinicProject - Visual Studio Code
templates > Main.html > Se section#appointment > Se div.container > Se div.col-md-6.col-sm-6 > Se div.wow.fadeInUp
                          <div class="col-md-12 col-sm-12">
                             <div class="col-md-6 col-sm-6">

<div class="form-group">

<label class="form-control-label text-muted">Password

<input type="password" id="psw" name="psw" placeholder="</pre>
               cyp/para 's/signUp'>New User?
<a href="/SignUp">New User?</a>
<button type="submit" name="Login">Log In</button>
   </section
{% endif %}
      <h2 class="wow fadeInUp" data-wow-delay="0.1s">Our Doctors</h2>
</div>

<p
```



```
SignUp.html - ClinicProject - Visual Studio Code
                                                                                                                                                                                                                                                                                                                                                      ០ឃុកាា
SignUp.html M ×
                  <meta charset="UTF-8" />
<meta http-equiv="X-UA-Compatible" content="IE=Edge" />
<meta name="description" content="Best Clinic Una" />
<meta name="keywords" content="Dev Clinic" />
<meta name="author" content="Sourabh" />
                                TOTAL CONTROL OF THE PARTY OF T
                         <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka75k@Gln4gmtz2MlQnikTlwXgYsOg+OMhuP+IlRH9sENBOOLRn5q+8nbTov4+Ip"
crossorigin="anonymous"
></script>
</head>
<body
id="top"
id="top"
id="top"
id="top"</pre>
                                data-spy="scroll"
data-target=".navbar-collapse"
data-offset="50"
                                <span class="date-icon"
    ><i class="fa fa-calendar-plus-o"></i> 6:00 AM - 10:00 PM
    (Mon-Fri)</span</pre>
                                                           <span class="email-icon"
    ><i class="fa fa-envelope-o"></i>
    <a href="#">info@DevClinic.com</a></span</pre>
                                 </div>
</header>
                                data-toggle="collapse"

data-target=".navbar-collapse"
                                                   <!-- lOGO TEXT HERE -->
<a href="/" class="navbar-brand"
><i class="fa fa-d-square"></i>Dev Clinic</a
```

```
SignUp.html - ClinicProject - Visual Studio Code
        SignUp.html M ×
SignUp.html > ♠ html > ♠ body#top > ♠ section#home.slider > ♠ div.container > ♠ div.cow\-carouseLow\-theme > ♠ div.tem.item-second > ♠ div.caption > ♠ div.cow\-carouseLow\-theme > ♠ div.tem.item-second > ♠ div.caption > ♠ div.cow\-carouseLow\-theme > ♠ div.tem.item-second > ♠ div.caption > ♠ div.caption > ♠ div.cow\-carouseLow\-theme > ♠ div.tem.item-second > ♠ div.caption > ♠ div.caption > ♠ div.cow\-carouseLow\-theme > ♠ div.tem.item-second > ♠ div.caption > ♠ div.captio
                                                                                                                                                            </qlu>
</qlu>
</figure class="profile wow fadeInUp" data-wow-delay="1s">
</figure class="img-responsive"
</mai>
</ma
                                      class= team=int0 >
<h3>claire Brownie</h3>
Pregnancy
<div class= "team-contact-info">
<i class= "fa fa-phone"></i> 91-8351234567
<i class="fa fa-envelope-o"></i> <a href="#">MDQDevCli</a>

<
```

```
UI.html - ClinicProject - Visual Studio Code
         Ui_base.html
<!DOCTYPE html>
<html lang="en">
                           <meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Dev Clinic</title>
                                 <p
                                  <body id="body-pd">
<header class="header" id="header">
                                        <div class="header_toggle"> <i class='bx bx-menu' id="header-toggle'
<div class="header_img"> <a href="/"><img src="<u>/static/images/hospi</u>
                                         <nav class="nav">
                                                     <!--Container Main start-->
<div class="height-100 bg-light">
                                                {% block content %}
                                                {% endblock content %}
                                        <script src="/static/js/UI.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dis</pre>
         Ul.html ×
                                                                                                                                                                ▶ □ □ □ …
          templates > ♥ Ul.html > ...

1 {% extends 'Ui_base.html' %} {% block content %}
                           <!-- <link rel="stylesheet" href="/static/css/bootstrap.min.css" /> -->
<link rel="stylesheet" href="/static/css/font-awesome.min.css" />
<link rel="stylesheet" href="/static/css/animate.css" />
<link rel="stylesheet" href="/static/css/owl.carousel.css" />
<link rel="stylesheet" href="/static/css/owl.theme.default.min.css" />
                     <
                           Lorem Ipsum is simply dummy text of the printing and typesetting industry.
                           Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing
                           Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.
                     {% endblock content %}
```

```
• Patients.html - ClinicProject - Visual Studio Code
                         ■ Add-Patient.html ●
<hr>
<form action="" method="post">
{% csrf_token %}
{{form}}
                         ■ Patients.html ●
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ⊳ਯਾ⊞ ⋯
                         <h4>Patients</h4>
                                                        <a href="/Add-Patient/">Add Patient</a>
                                                                                    tread>

            Name
            Phone
            Gender

            < scope="col">
             < scope="col">
            < scope="col">
            < scope="col">
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                  < scope="col">
                      < scope="col">
                       < scope="col">
                    < scope="col">

</thead>

<!-- <th scope="row">1 -->
{% for Patient in Patients %}
<a href="/Patients/{{ Patient.id }}">{{ Patient.name}}</a>
<!-- <th>{{ AppointmenPatientt.id_number}}
<!-- <th>{{ AppointmenPatientt.id_number}}
{{ Patient.phone}}
{{ Patient.gender}}
{{ Patient.gender}}

                                                                           {% endblock content %}
```

```
Appointments.html - ClinicProject - Visual Studio Code
                                                                          ▷ ፴ Ⅲ …
■ Appointments.html ×
<a href="/Add-Appointment/">Add Appointment</a>
<able class="table">
<thead>
              Name
Phone
Description
Approved Status

          </thead>
               {% endblock content %}
templates > ⑤ Add-Appointment.html > ...
1 {% extends 'Ui_base.html' %}
     {{form.media}}
<hr>
<h1>Add a Appointment</h1>
```

```
SingleAppointment.html - ClinicProject - Visual Studio Code
                                                                                               ▷ ፴ Ⅲ …
■ SingleAppointment.html ×
<h1>{{Appointment.name}}</h1>
          {% endfor %}
<a href="{%url 'Appointments' %}">Go Back </a>
      <a href="/Delete-Appointment/{{Appointment.id_number}}/">Delete</a>
{% endblock content %}
templates > 5 Delete-Appointment.html > ...
1 {% extends 'Ui_base.html' %}
      <hr> <hr> <h1>Delete Patient</h1>
      1 {% extends 'Ui_base.html' %}
      <hr>
<h1>Add a Patient</h1>
      <form action="" method="post">
    {% csrf_token %}
    {{form.name}}
    {{form.gender}}
    {{form.phone}}
    {{form.email}}
    <input type="submit" value="Update">
</form>
       </form>
{% endblock content %}
```