Django codes

For simple registration,model creation,database connectivity

Settings.py

```
70
71    WSGI_APPLICATION = 'doctors.wsgi.application'
72
73
74    # Database
75    # https://docs.djangoproject.com/en/5.0/ref/settings/#databases
76
77    DATABASES = {
78        'default': {
79            'ENGINE': 'django.db.backends.mysql',
80            'NAME': 'saran',
81            'USER': 'root',
82            'HOST': 'localhost',
83            'PASSWORD': "",
84            'PORT': 3306
85        }
86    }
87
```

On terminal, venv> pip install mysqlclient

Create html page =templates>new>html file>simplereg.html

Full code:

```
{% extends 'base.html' %}
{% load static %}
{% block hai %}

<section class="section-padding" id="booking">
    <div class="container">
        <div class="row">

            <div class="col-lg-8 col-12 mx-auto">
                <div class="booking-form">

                    <h2 class="text-center mb-lg-3 mb-2">REGISTRATION
!!!</h2>

                    <form role="form" action="http://127.0.0.1:8000/reg/"
method="post">
                        {% csrf_token %}
                        <div class="row">
                            <div class="col-lg-6 col-12">
                                <input type="text" name="name" id="name"
class="form-control" placeholder="Full name" required>
                            </div>

                            <div class="col-lg-6 col-12">
                                <input type="email" name="email" id="email"
pattern="[^ @]*@[^ @]*" class="form-control" placeholder="Email address"
required>
                            </div>

                            <div class="col-lg-12 col-12">
                                <input type="telephone" name="phone"
id="phone"  class="form-control" placeholder="Phone: 123-456-7890">
                            </div>
```

```
                                    <div class="col-12">
                                        <textarea class="form-control" rows="5"
id="message" name="message" placeholder="Additional Message"></textarea>
                                    </div>

                                    <div class="col-lg-3 col-md-4 col-6 mx-auto">
                                        <button type="submit" class="form-control"
id="submit-button">REGISTER</button>
                                    </div>
                                </div>
                            </form>

                    </div>
                </div>

            </div>
        </div>
    </section>
{% endblock %}
```
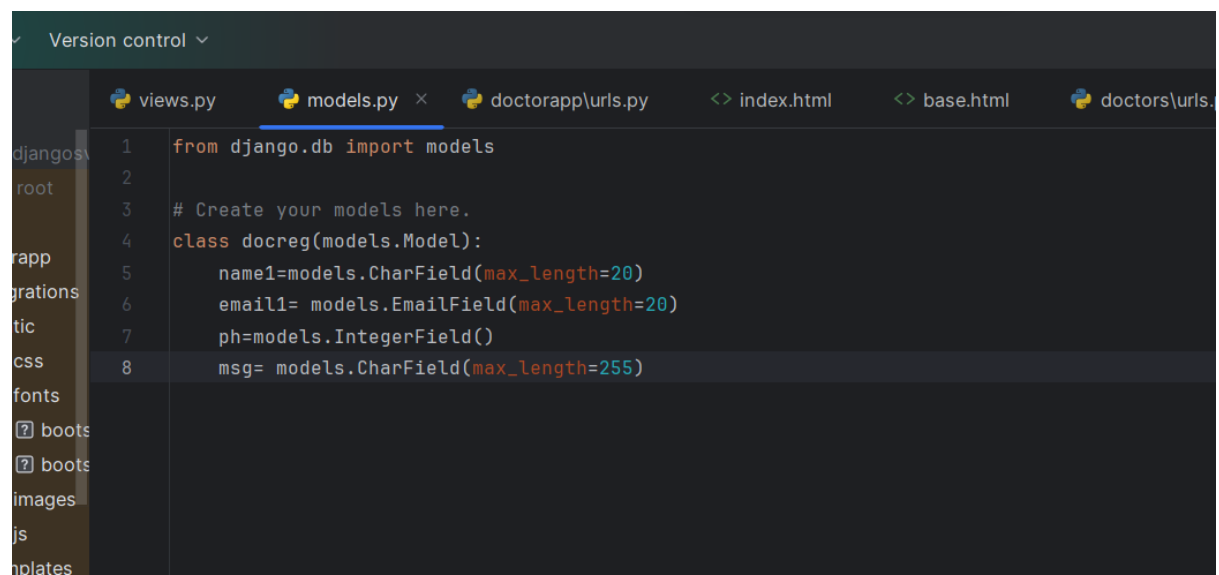
Models.py


```
from django.db import models


# Create your models here.
class docreg(models.Model):
    name1=models.CharField(max_length=20)
    email1= models.EmailField(max_length=20)
    ph=models.IntegerField()
    msg= models.CharField(max_length=255)
```
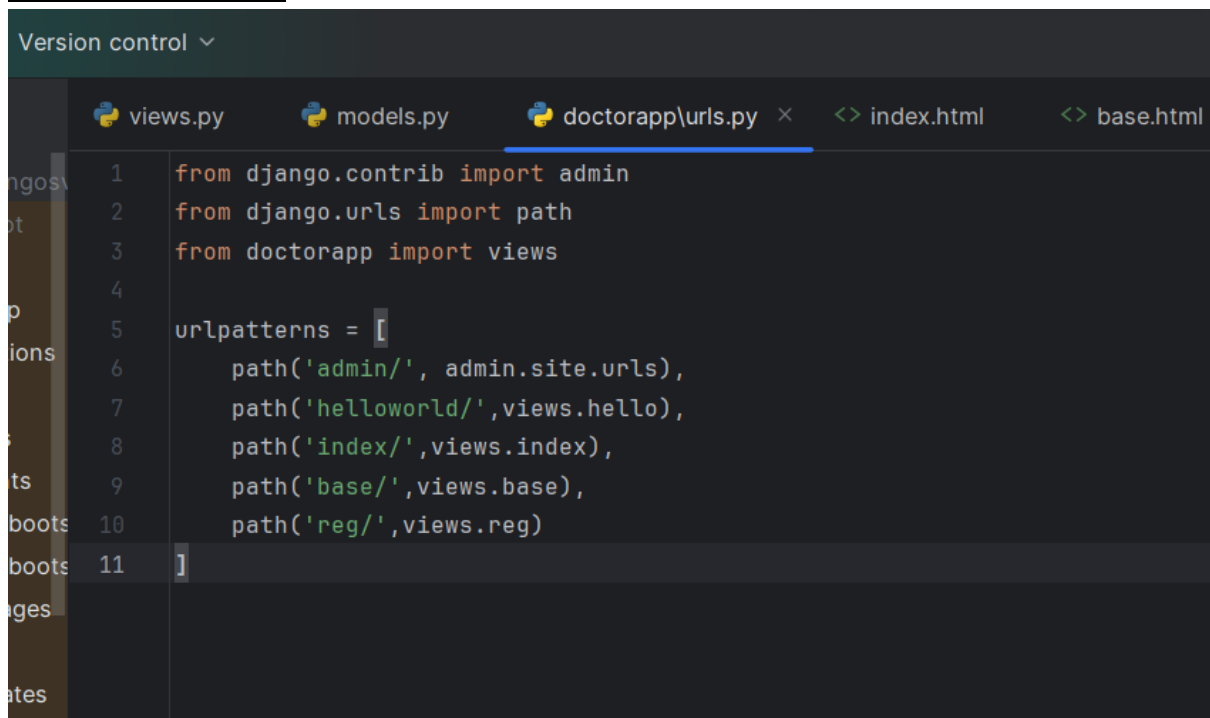
Views.py

```python
from django.shortcuts import render
from django.http import HttpResponse
from doctorapp.models import docreg
# Create your views here.

def hello(request):
    return HttpResponse("welcome homie")
def index(request):
    return render(request, template_name: 'index.html')
def base(request):
    return render(request, template_name: 'base.html')
def reg(request):
    if request.method == "POST":
        des=docreg(name1=request.POST.get("name"),
                   email1=request.POST.get("email"),
                   ph=request.POST.get("phone"),
                   msg=request.POST.get("message"))
        des.save()
    return render(request, template_name: 'simplereg.html')
```

Import model to the view

```python
from doctorapp.models import docreg
```

urls.py,add path

```python
from django.contrib import admin
from django.urls import path
from doctorapp import views

urlpatterns = [
    path('admin/', admin.site.urls),
    path('helloworld/',views.hello),
    path('index/',views.index),
    path('base/',views.base),
    path('reg/',views.reg)
]
```

go to terminal

type > python manage.py makemigrations

> python manage.py migrate

> python manage.py runserver