Booking using djnago model form

Models.py


```python
#django forms
class patient(models.Model):
    pname=models.CharField(max_length=255)
    page=models.CharField(max_length=255)
    pdetails=models.TextField()

class Booking2(models.Model):
    p_name=models.CharField(max_length=255)
    p_phone=models.CharField(max_length=10)
    p_email=models.EmailField()
    doc_name=models.ForeignKey(Doctors,on_delete=models.CASCADE)
    booking_date=models.DateField()

class Account(models.Model):
    accountno=models.CharField(max_length=12,unique=True)
    name=models.CharField(max_length=20)
    status=models.CharField(max_length=10,default='Active')
```

Form.py


```python
        page1 = forms.CharField(label="PATIENT AGE", max_length=100)
        pdetails1 = forms.CharField(label="PATIENT RECORD")


class dateinput(forms.DateInput):
    input_type='date'
class BookingForm(forms.ModelForm):
    class Meta:
        model=Booking2
        fields='__all__'
        labels = {
            'p_name': 'patient Name:',
            'p_phone': 'patient Phone:',
            'p_email': 'Email',
            'doc_name': 'Doctor name',
            'booking_date': 'Date'
        }
        widgets = {
            'booking_date': dateinput()
        }
```

Views.py

```python
# booking using django model form
def booking2(request):
    if request.method == 'POST':
        form = BookingForm(request.POST)
        if form.is_valid():
            form.save()
            return render(request, template_name: 'index.html')

    form=BookingForm()
    return render(request, template_name: 'booking2.html', context: {'formdata': form})
```

Import form and model in views.py

```python
from django.shortcuts import render
from django.http import HttpResponse
from doctorapp.models import docreg,document,Department,registration,Doctors,Booking,patient,Booking2,Account
from django.core.files.storage import FileSystemStorage
from doctorapp.form import enquiryform,pedetails,BookingForm
from django.core.mail import send_mail
from doctors.settings import EMAIL_HOST_USER
# 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')
```

Booking2.html

```html
{% extends 'base.html' %}
{% load static %}
{% block hai %}
<h1 class="text-center">Make an appointment</h1>
<hr>
<div class=" container text-center mb-3 text-primary w-50 p-4 my-5">
<form action="/booking2/" method="POST">
    {% csrf_token %}
    {{formdata.as_p}}

    <button type="submit" class="btn btn-primary">Submit</button>
</form>
</div>
{% endblock %}
```

Full code

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

```html
<h1 class="text-center">Make an appointment</h1>
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<div class=" container text-center mb-3 text-primary w-50 p-4 my-5">
<form action="/booking2/" method="POST">
    {% csrf_token %}
    {{formdata.as_p}}

    <button type="submit" class="btn btn-primary">Submit</button>
</form>
</div>
{% endblock %}
```

Urls.py

```python
    path('mail/',views.mailsend),
    path('updatemail/', views.updatemail),
    path('booking2/',views.booking2),
    path('signin/',views.signin1),
    path('signout/',views.logout),
    path('signout/',views.logout),
    path('add/',views.addaccount),
    path('searchacc/',views.accountview),
```