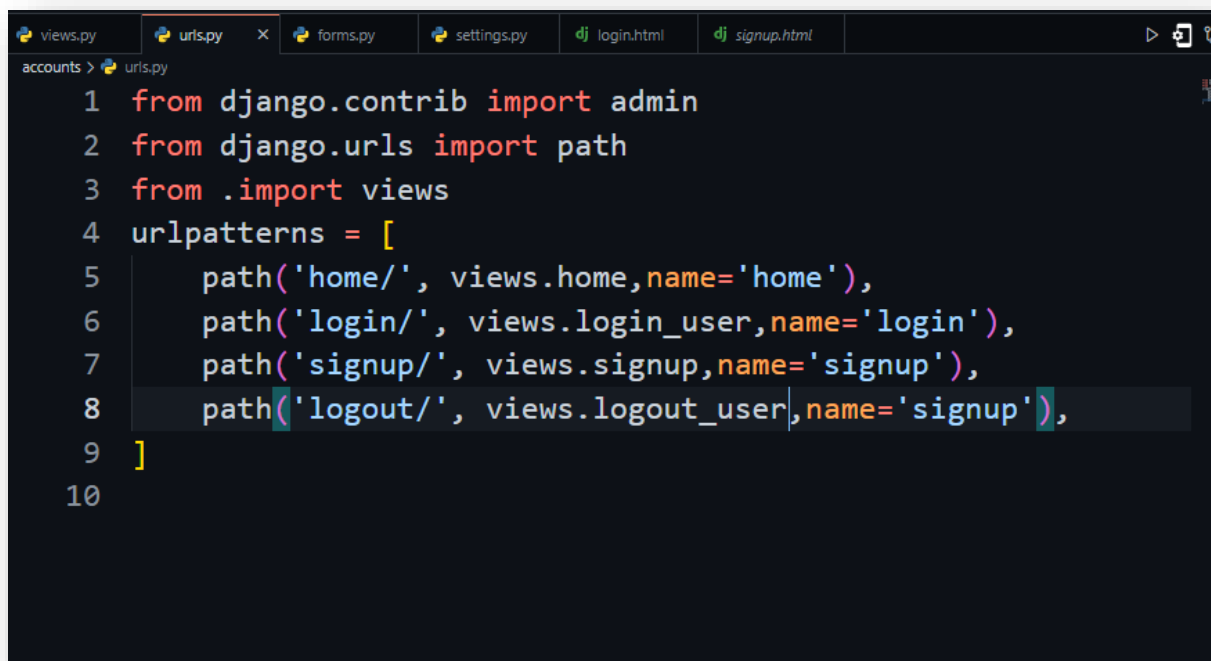# Python

Om Ghanshyam Bhamare

Dib: A Roll No:3

Exp 8

Accounts/urls.py

```python
from django.contrib import admin
from django.urls import path
from .import views
urlpatterns = [
    path('home/', views.home,name='home'),
    path('login/', views.login_user,name='login'),
    path('signup/', views.signup,name='signup'),
    path('logout/', views.logout_user,name='signup'),
]
```

Accounts/views.py

```python
1  from django.shortcuts import render,redirect
2  from .models import UsersAccounts
3  from .forms import CreateUserLogForm
4  from django.contrib.auth.models import User
5  from django.contrib.auth import authenticate,login,logout
6  # Create your views here.
7  def home(request):
8      return render(request,'home.html')
9      pass
10
11 def login_user(request):
12
13     if request.method == 'POST':
14         username = request.POST.get('username')
15         password = request.POST.get('password')
16         user = authenticate(username=username, password=password)
17         print(username,password)
18         print(user)
19         if user is not None:
20             login(request, user)
21             print("User Found")
22             return redirect('home')
23         else:
24             print("User Not Found")
25             return redirect('login')
26             pass
27
28     return render(request,'login.html')
29     pass
30
```

```python
30
31 def signup(request):
32
33     if request.method=="POST":
34         form=CreateUserLogForm(request.POST)
35         if form.is_valid():
36             form.save()
37             return redirect('login')
38     else:
39         form=CreateUserLogForm()
40
41     return render(request,'signup.html')
42     pass
43
44 def logout_user(request):
45     logout(request)
46     return redirect('login')
```

Accounts/forms.py

```python
from django.forms import ModelForm
from .models import UsersAccounts

class CreateUserLogForm(ModelForm):
    class Meta:
        model=UsersAccounts
        fields=['username','email','password']
```

Accounts/model.py

```python
from django.db import models

# Create your models here.
class UsersAccounts(models.Model):
    username=models.CharField(max_length=50)
    email=models.CharField(max_length=50)
    password=models.CharField(max_length=50)

    def __str__(self):
        return str(self.email)
```

http://127.0.0.1:8000/accounts/login/

http://127.0.0.1:8000/accounts/signup/

http://127.0.0.1:8000/admin/

http://127.0.0.1:8000/admin/accounts/usersaccounts/
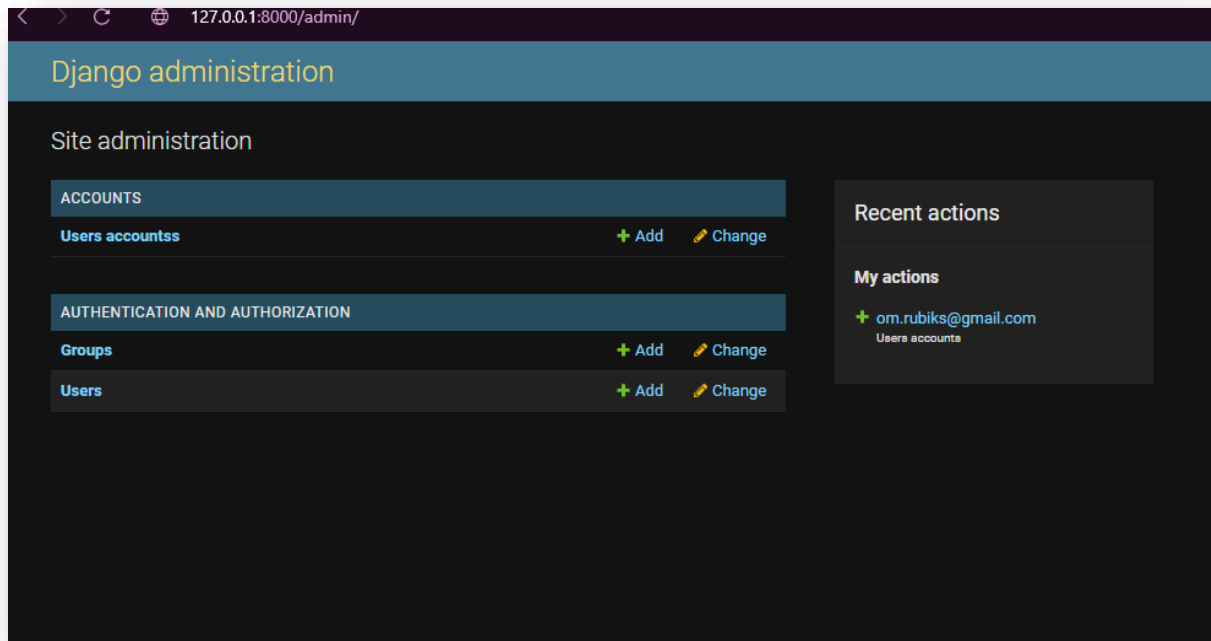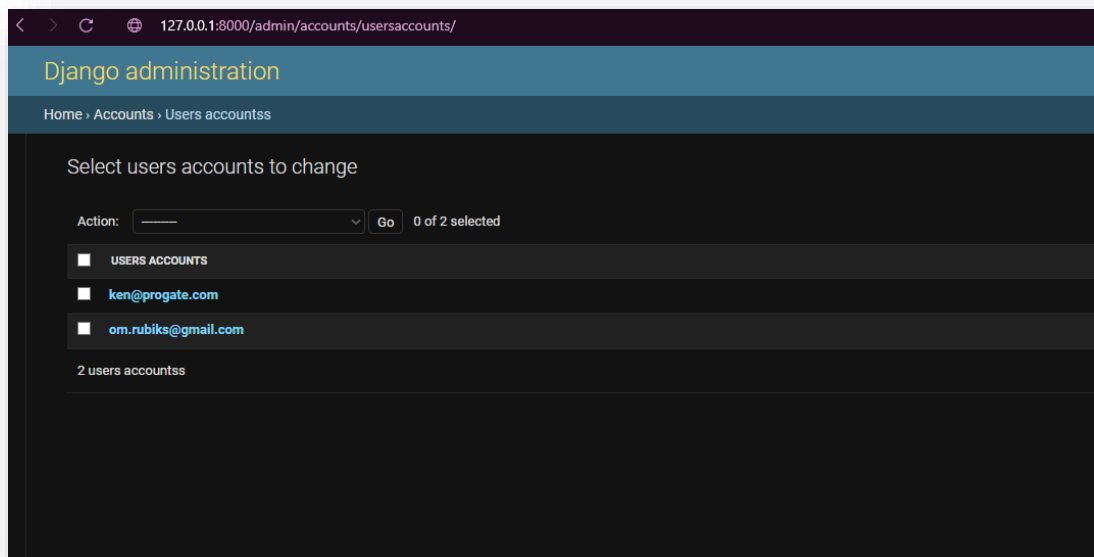
Github:

https://github.com/ombhamare4/03_Exp8.git