How can you create custom login and logout using session of django framework ?

First of install python and django to your system.

Then follow

Given steps:-

Create mypl project folder and inside it create myapp folder as shown following structure:-

D:\>env\Scripts\activate

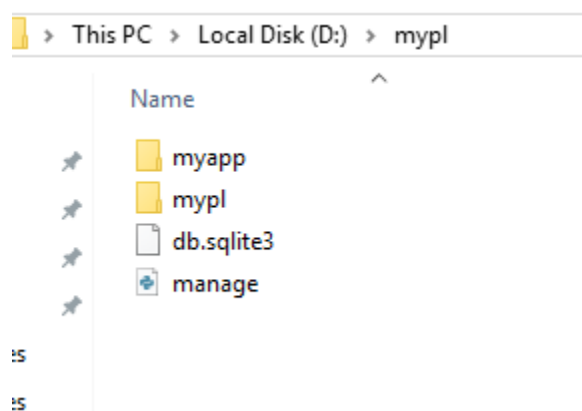run the following command - This will create a `mypl` directory in your D: drive

D:\>django-admin startproject mypl

Then go to mypl folder path type following command :-

D:\>cd mypl

To create your app, make sure you're in the your project directory & type this command:

D:\mypl\>python manage.py startapp myapp

> This PC > Local Disk (D:) > mypl

Name

- myapp
- mypl
- db.sqlite3
- manage

Custom login and logout code example :-

Step 1:-   models.py file code :-

```python
from django.db import models

# Create your models here.
class Members(models.Model):
 firstname = models.CharField(max_length=255)
 lastname = models.CharField(max_length=255)
```

Step 2:- urls.py file code of project folder (mypl):-

```python
from django.contrib import admin
from django.urls import path,include

urlpatterns = [
    path('admin/', admin.site.urls),
    path('myapp/', include('myapp.urls')),

]
```

Step 3:-urls.py file code of app folder (myapp):-

```python
from django.urls import path
from . import views

urlpatterns = [
    path('', views.index, name='index'),

    path('about/', views.about, name='about'),

    path('add/', views.add, name='add'),
    path('login/', views.login, name='login'),
    path('logout/', views.logout, name='logout'),
path('add/addrecord/', views.addrecord, name='addrecord'),
path('login/trainerlogin/', views.trainerlogin, name='trainerlogin'),
path('login/trainerlogin/dashboard/',views.dashboard,name='dashboard')
]
```

Step 4:- write code for views.py file of app folder (myapp):-

```python
from django.shortcuts import render,redirect
from .models import Members

# Create your views here.
def about(request):
    return render(request, 'about.html')


def index(request):
    return render(request, 'index.html')
def add(request):
 return render(request,'add.html')
def login(request):
 return render(request,'login.html')
def dashboard(request):
 return render(request,'dashboard.html')

def addrecord(request):
    x=request.POST['first']
    y=request.POST['last']
    member = Members(firstname=x, lastname=y)
    member.save()
    data="inserted"
    return render(request,'add.html',{'data':data})

def trainerlogin(request):

 msg=""

 if request.method=='POST':
    x=request.POST['first']
    y=request.POST['last']
    trainer=Members.objects.filter(firstname=x,lastname=y).count()
    if trainer> 0 :
        request.session['trainerLogin']=True
        return redirect('dashboard/')
    else:
        msg="Invalid!"

        return render(request,'login.html',{'msg':msg})


def logout(request):
    del request.session['trainerLogin']
    return redirect('login/')
```

now create templates folder inside your app folder (myapp) and create html files:-

add.html file :-

```html
<h1>Add member</h1>
<form action="addrecord/" method="post">
{% csrf_token %}
First Name:<br>
<input name="first">
<br><br>
Last Name:<br>
<input name="last">
<br><br>
<input type="submit" value="Submit">
</form>
{{data}}
```

Login.html file :-

```html
<h1>login form</h1>
<form action="trainerlogin/" method="post">
{% csrf_token %}
First Name:<br>
<input name="first">
<br><br>
Last Name:<br>
<input name="last">
<br><br>
<input type="submit" value="login">
</form>
{{msg}}
```

Index.html file:-

```html
<h1> this is hom page</h1>
```

about.html file:-

```html
<h1> this is about page</h1>
```

dashboard.html file :-

```
<ul class="navbar-nav mr-auto">

    {% if request.session.trainerLogin %}


    <li class="nav-item">

      <a class="nav-link" href="{% url 'logout' %}">Logout</a>

    </li>

    <li class="nav-item">

      <a class="nav-link" href="#">Welcome,login sucessful</a>

    </li>


    {% else %}


    <li class="nav-item">

      <a class="nav-link" href="{% url 'login' %}">Login</a>

    </li>


    {% endif %}
  </ul>
```

Output :-

Add member

First Name:

Last Name:

Submit

After it   make login url

login form

First Name:

Last Name:

login

After login you will see output:-

- Logout
- Welcome,login sucessful