**Example 1(set, get, delete session):**

**views.py of app**

def set\_session(request):

    request.session['username'] = 'john\_doe'

    request.session['email'] = 'john@example.com'

    return render(request, 'set\_session.html')

def get\_session(request):

    username = request.session.get('username', 'Guest')

    email = request.session.get('email', 'guest@example.com')

    return render(request, 'get\_session.html', {'username': username, 'email': email})

def delete\_session(request):

    request.session.flush()

    return render(request, 'deleted\_session.html')

**urls.py of app**

    path('set-session/', views.set\_session, name='set\_session'),

    path('get-session/', views.get\_session, name='get\_session'),

    path('delete-session/', views.delete\_session, name='delete\_session'),

**get\_session.html**

<!DOCTYPE html>

<html>

<head>

    <title>Get Session</title>

</head>

<body>

    <h1>Welcome {{ username }}</h1>

    <p>Your email: {{ email }}</p>

</body>

</html>

**set\_session.html**

<!DOCTYPE html>

<html>

<head>

    <title>Set Session</title>

</head>

<body>

    <h1>Session Set Successfully!</h1>

</body>

</html>

**delete\_session.html**

<!DOCTYPE html>

<html>

<head>

    <title>Delete Session</title>

</head>

<body>

    <h1>Session deleted Successfully!</h1>

</body>

</html>

**settings.py**

SESSION\_COOKIE\_AGE = 15

**Example 2(login logout):**

**forms.py of app**

class LoginForm(forms.Form):

    username = forms.CharField(max\_length=100)

    password = forms.CharField(widget=forms.PasswordInput)

**views.py of app**

from django.shortcuts import render, redirect

from django.contrib.auth import authenticate, login, logout

from .forms import LoginForm

def user\_login(request):

    if request.method == 'POST':

        form = LoginForm(request.POST)

        if form.is\_valid():

            username = form.cleaned\_data['username']

            password = form.cleaned\_data['password']

            user = authenticate(request, username=username, password=password)

            if user is not None:

                login(request, user)

                return redirect('homee')

    else:

        form = LoginForm()

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

from django.shortcuts import render, redirect

from django.contrib.auth.decorators import login\_required

@login\_required(login\_url='/login/')

def homee(request):

    return render(request, 'homee.html', {'user': request.user})

def user\_logout(request):

    logout(request)

    return redirect('login')

**homee.html**

<!DOCTYPE html>

<html>

<head>

    <title>Home</title>

</head>

<body>

    <h2>Welcome {{ user.username }}</h2>

    <form action="{% url 'logout' %}" method="post">

        {% csrf\_token %}

        <button type="submit">Logout</button>

    </form>

</body>

</html>

**login.html**

<!DOCTYPE html>

<html>

<head>

    <title>Login</title>

</head>

<body>

    <h2>Login</h2>

    <form method="post">

        {% csrf\_token %}

        {{ form.as\_p }}

        <button type="submit">Login</button>

    </form>

</body>

</html>

**urls.py of app**

path('login/', views.user\_login, name='login'),

path('logout/', views.user\_logout, name='logout'),

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