

BlearringClub Contents

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Sign up / registration (by user)

Pip install Django

```
django-admin startproject project
```

inside the project folder(cmd path):

```
django-admin startapp app
```

```
python manage.py migrate
```

```
python manage.py createsuperuser
```

superuser : admin

password : admin

Open or close the server:

python manage.py runserver

ctrl+c to close the server

you have created the app now you have to install it -

edit settings.py :

```
INSTALLED_APPS = [  
    'app',  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
]
```

This is urls.py inside project folder and create a urls.py inside app folder

Edit project > urls.py

```
from django.contrib import admin  
from django.urls import path,include  
  
urlpatterns = [  
    path('admin/', admin.site.urls),  
    path('', include('app.urls')),  
]
```

Edit views.py

```
from django.shortcuts import render
```

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

create “templates” folder inside app folder:

create home.html

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>authentication system</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-
beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tjfHxaWutUpFmBp4vmVor"
crossorigin="anonymous">
  </head>
  <body>
    <nav class="navbar bg-dark navbar-dark p-2">
      <div class="container-fluid">
        <span class="navbar-brand mb-0 h1">blearningclub</span>
      </div>
    </nav>
    <h1 class="text-center text-success">welcome to blearningclub</h1>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-
beta1/dist/js/bootstrap.bundle.min.js" integrity="sha384-
pprn3073KE6tl6bjs2QrFaJGz5/SUsLqktiwsUTF55Jfv3qYSDhgCecCxMW52nD2"
crossorigin="anonymous"></script>
  </body>
</html>
```

You already have created urls.py in app folder if not create it

Edit app > urls.py :

```
from django.urls import path
from django.contrib.auth import views as auth_views
from .views import home,register,login_user,logout_user
urlpatterns = [
    path('', home,name="home"),
```

```

# path('login/', auth_views.LoginView.as_view(), name='login'),
path("register", register, name="register"),
path("login_user", login_user, name="login_user"),
path("logout_user", logout_user, name="logout_user"),
]

```

Edit app> views.py:

```

from django.shortcuts import render, redirect
from django.contrib import messages
from django.contrib.auth.models import User, auth

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

def register(request):

    if request.method == 'POST':
        first_name = request.POST['first_name']
        last_name = request.POST['last_name']
        username = request.POST['username']
        email = request.POST['email']
        password = request.POST['password']
        confirm_password = request.POST['confirm_password']
        if password == confirm_password:
            if User.objects.filter(username=username).exists():
                messages.info(request, 'Email is exist ')
                return redirect(register)
            else:
                user = User.objects.create_user(username=username,
password=password, email=email, first_name=first_name, last_name=last_name)
                user.set_password(password)
                user.save()
                print("success")
                return redirect('login_user')

        else:
            messages.info(request, 'Both passwords are not matching')
            return redirect(register)

    else:

```

```
print("no post method")
return render(request, 'register.html')
```

Edit register.html(create it in gtemplates):

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>authbyuser</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-
beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tjfhXaWutUpFmBp4vmVor"
crossorigin="anonymous">
  </head>
  <body>
    <!-- As a heading -->
<nav class="navbar bg-dark navbar-dark">
  <div class="container-fluid">
    <span class="navbar-brand mb-0 h1">Navbar</span>
  </div>
</nav>
<h1 class="text-center text-success">BlearningClub</h1>
<div class="container-fluid">
  <form action="{% url 'register' %}" method="POST" class="row g-3">
    {% csrf_token %}
    <div class="col-md-6">
      <label for="inputEmail4" class="form-label">First Name</label>
      <input name="first_name" type="text" class="form-control" id="">
    </div>
    <div class="col-md-6">
      <label for="inputEmail4" class="form-label">Last Name</label>
      <input name="last_name" type="text" class="form-control" id="">
    </div>
    <div class="col-md-6">
      <label for="inputEmail4" class="form-label">Email</label>
      <input name="email" type="email" class="form-control"
id="inputEmail4">
    </div>
    <div class="col-md-6">
      <label for="inputEmail4" class="form-label">user name</label>
```

```

        <input name="username" type="text" class="form-control" id="">
    </div>
    <div class="col-md-6">
        <label for="inputPassword4" class="form-label">Password</label>
        <input name="password" type="password" class="form-control"
id="inputPassword4">
    </div>
    <div class="col-md-6">
        <label for="inputPassword4" class="form-label">Confirm
Password</label>
        <input name="confirm_password" type="password" class="form-
control" id="inputPassword4">
    </div>

    <div class="col-12">
        <button type="submit" class="btn btn-success btn-
lg">REGISTER</button>
    </div>
</form>

<div class="form-group">
    {% for message in messages %}
    <div class="alert alert-danger" role="alert">
        {{message}}
    </div>
    {% endfor %}
</div>

</div>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-
beta1/dist/js/bootstrap.bundle.min.js" integrity="sha384-
pprn3073KE6t16bjs2QrFaJGz5/SUsLqktiwsUTF55Jfv3qYSDhgCecCxMW52nD2"
crossorigin="anonymous"></script>
</body>
</html>

```

login by user

edit app>views.py:

```
def login_user(request):
    if request.method == 'POST':
        username = request.POST['username']
        password = request.POST['password']

        user = auth.authenticate(username=username, password=password)

        if user is not None:
            auth.login(request, user)
            return redirect('home')
        else:
            messages.info(request, 'Invalid Username or Password')
            return redirect('login_user')

    else:
        return render(request, 'login.html')
```

edit login.html:

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>authentication system</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tjfHxaWutUpFmBp4vmVor" crossorigin="anonymous">
  </head>
  <body>
    <nav class="navbar bg-dark navbar-dark p-2">
      <div class="container-fluid">
        <span class="navbar-brand mb-0 h1">blearningclub</span>
      </div>
    </nav>
```

```

<h1 class="text-center text-success">welcome to blearningclub</h1>
<div class="container-fluid">
    {% if request.user.is_authenticated %}
        <p class="text-success">You are Logged In</p>
        <p class="text-success">Username : {{ request.user.username
    }}</p>

    {% else %}
        <p class="text-danger">User is not logged in </p>

    {% endif %}

    <form action="{% url 'login_user' %}" method="post" class="row g-
3">

        {% csrf_token%}
        <div class="col-md-6">
            <label for="inputEmail4" class="form-
label">username</label>
            <input name="username" type="" class="form-control" id="">
        </div>
        <div class="col-md-6">
            <label for="inputPassword4" class="form-
label">Password</label>
            <input type="password" name="password" class="form-control"
id="inputPassword4">
        </div>
        <div class="col-12">
            <button type="submit" class="btn btn-primary">LOG
IN</button>
        </div>
    </form>
    <div class="form-group">
        {% for message in messages %}
            <div class="alert alert-danger" role="alert">
                {{message}}
            </div>
        {% endfor %}
    </div>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-
beta1/dist/js/bootstrap.bundle.min.js" integrity="sha384-
pprn3073KE6tl6bjs2QrFaJGz5/SUsLqktiwsUTF55Jfv3qYSDhgCecCxMW52nD2"
crossorigin="anonymous"></script>
</body>
</html>

```


edit home.html:

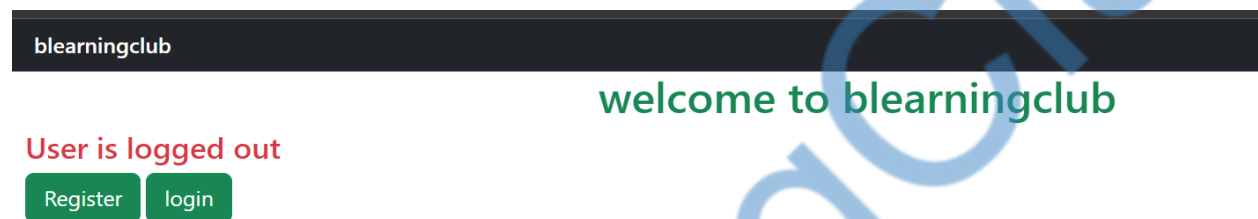
```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>authentication system</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tjfhXaWutUpFmBp4vmVor" crossorigin="anonymous">
  </head>
  <body>
    <nav class="navbar bg-dark navbar-dark p-2">
      <div class="container-fluid">
        <span class="navbar-brand mb-0 h1">blearningclub</span>
      </div>
    </nav>
    <h1 class="text-center text-success">welcome to blearningclub</h1>
    <div class="container-fluid">
      {% if request.user.is_authenticated %}
        <p class="text-success">You are Logged In</p>
        <p class="text-success">Username : {{ request.user.username }}</p>
        <p class="text-success">first_name: {{ request.user.first_name }}</p>
        <p class="text-success">last_name: {{ request.user.last_name }}</p>
        <a href={% url 'logout_user' %} type="button" class="btn btn-success btn-lg">logout user</a>
      {% else %}
        <p class="h3 text-danger">User is logged out</p>
        <a href={% url 'register' %} type="button" class="btn btn-success btn-lg">Register</a>
        <a href={% url 'login_user' %} type="button" class="btn btn-success btn-lg">login</a>
      {% endif %}
    </div>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/js/bootstrap.bundle.min.js" integrity="sha384-pprn3073KE6tl6bjsjQ2rFaJGz5/SUsLqktiwsUTF55Jfv3qYSDhgCecCxMW52nD2" crossorigin="anonymous"></script>
```

```
</body>  
</html>
```

Edit views.py:

```
def logout_user(request):  
    auth.logout(request)  
    return redirect('home')
```

Now run the server and go to <http://127.0.0.1:8000/>



You now see this , now click on register and filled all details .

Then log in

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