How to run "news" Django project

Step 1: create a new Virtual environment and activate it:

On Windows:

- python -m venv env

On macOS:

- python3 -m venv env

activate virtual environment:

On Windows:

env\Scripts\Activate.ps1

On macOS:

- source env/bin/activate

Step 2: enter "news" project folder (you need to download the project from Microsoft Team first)

Command: cd news

Command: pip install -r requirements.txt (to install all the dependencies)

Command: python manage.py runserver

After the above two steps, you should see below page if you visit: http://127.0.0.1:8000/



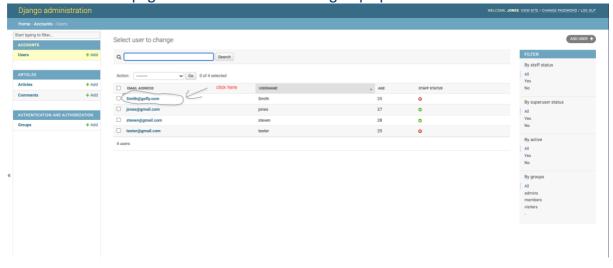
Group permission and assign users to the corresponding group:

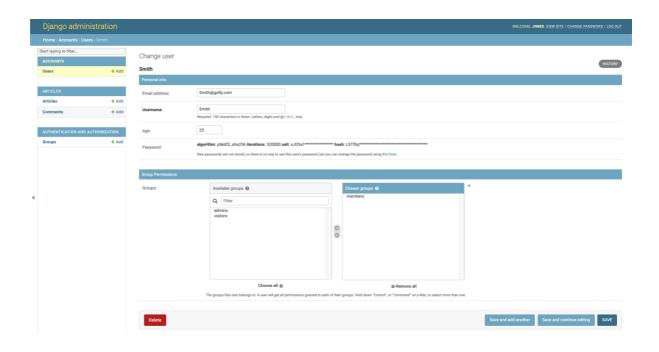
I. related code changes I made as below: In "admin.py" under "accounts" folder:

```
fieldsets = (
    ('Personal info', {
        'fields': ('email', 'username', 'age', 'password',)
    }),
    ('Group Permissions', {
        'classes': ('wide',),
        'fields': ('groups', )
    }),
add_fieldsets = UserAdmin.add_fieldsets + (
    ('Personal info', {
        'fields': ('email', 'age',)
   }),
    ('Group Permissions', {
        'classes': ('wide',),
        'fields': ('groups', )
   }),
```

If you login as "jones" with password: "Jo900919" by visiting: http://127.0.0.1:8000/admin/

You can see admin page now have "add a user to group option" as below:





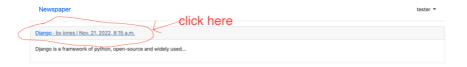
Verify permission:

• related code changes I made as below

In "article_detail.html" under "template" folder:

If you now login as "tester" (belongs to visitor group) with password: "Te900919" by visiting: http://127.0.0.1:8000/

You should see below page (which indicates "tester" only has view permission as defined the group the user belongs to):



Newspaper tester ▼

Django

by jones | Nov. 21, 2022, 8:15 a.m.

Django is a framework of python, open-source and widely used...

Comments

jones · Django is awsome

tester · rrr