2CSDE86 Application Development Frameworks

Lab-4 Task

Submitted by: Labdhi Sheth 18BCE101

Aim:

Perform CRUD operation and connect database with your social media website. Store all the data and retrieve the data according to the user Assignment

Methodology:

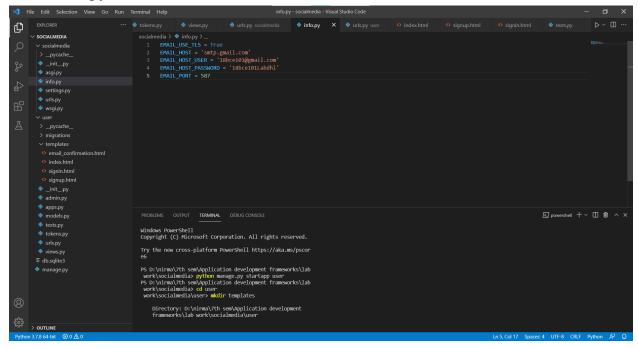
- 1. Open the anaconda terminal and write the command django-admin.py startproject socialmedia
- 2. Open the project in vscode and open new terminal. In the terminal write the commands to start a new app: python manage.py startapp user

After making the apps make the templates folder as: cd user mkdir templates

3. settings.py
Register the app under the installed apps as:

```
| File Edit Selection View Go Run Terminal Help | Settingspy | Setting
```

4. info.py

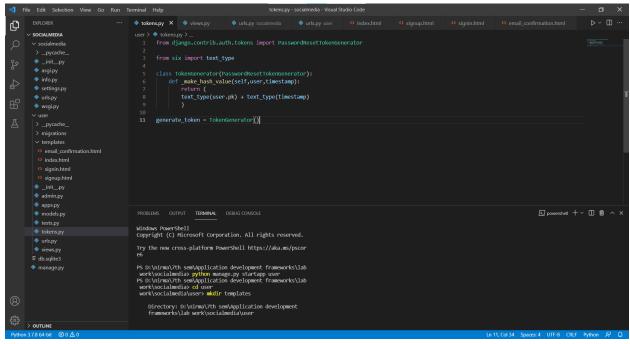


Add the email configurations to the settings.py file:

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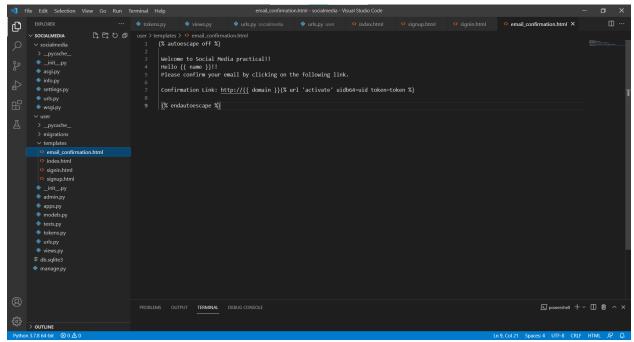
5. User app:

- a. admin.py, apps.py, models.py, tests.py files are left untouched.
- b. Create a new file called tokens.py



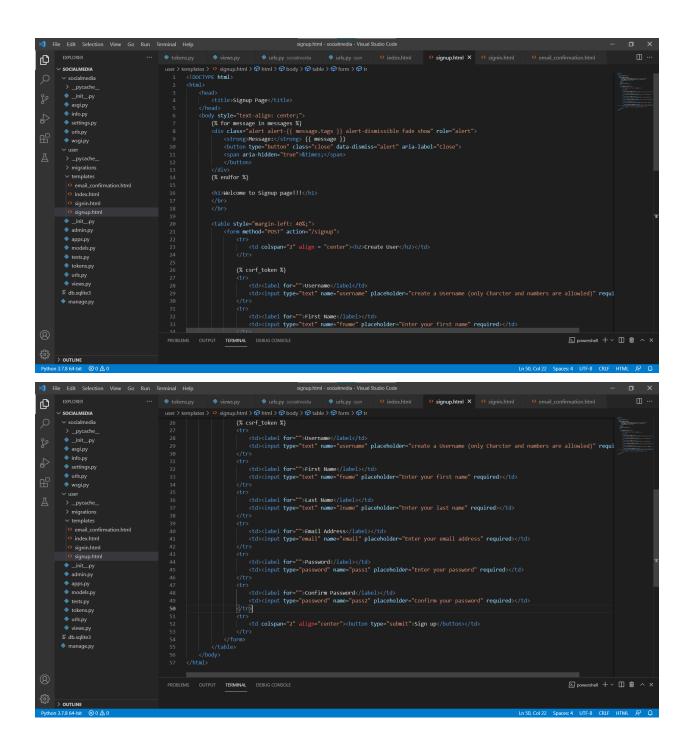
c. templates folder:

I. email_confirmation.html



Ii. index.html

Iii. signup.html



Iv. signin.html

```
signin.html - socialmedia - Visual Studio Code
 🜖 File Edit Selection View Go Run Terminal Help

    ♦ views.py
    urls.py socialmedia
    urls.py user
    index.html
    signup.html
    signup.html
    demail_confirmation.html

Ф
    ∨ SOCIALMEDIA

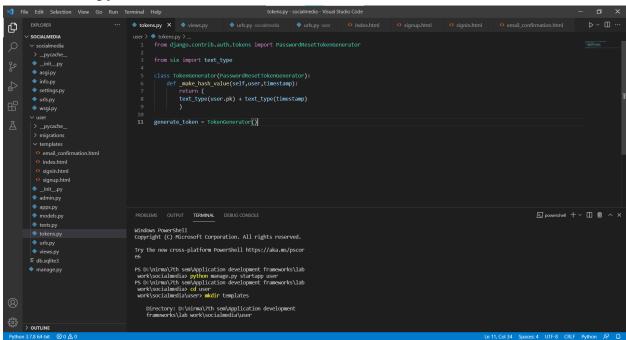
✓ socialmedia

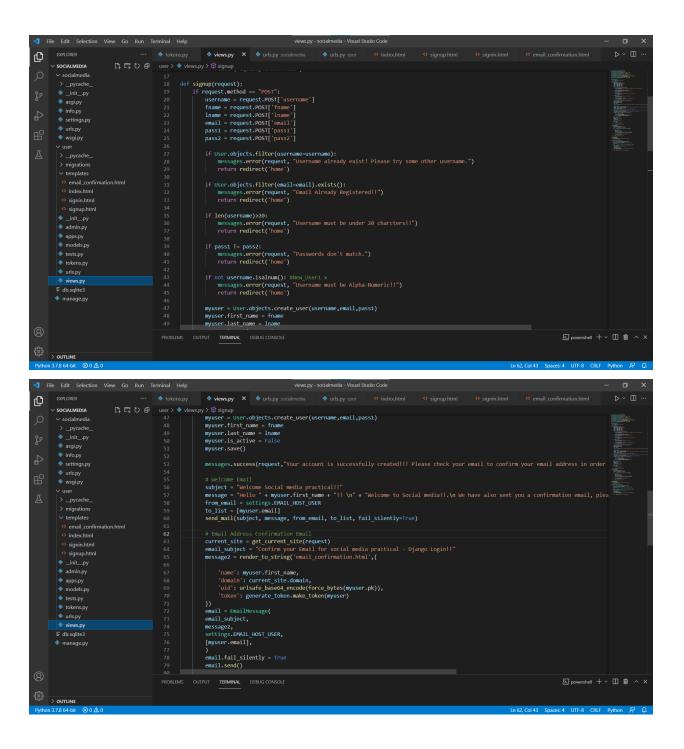
     > _pycache_
     asgi.py
     urls.pywsgi.py
                                         </div>
{% endfor %}
      > migrations
> templates

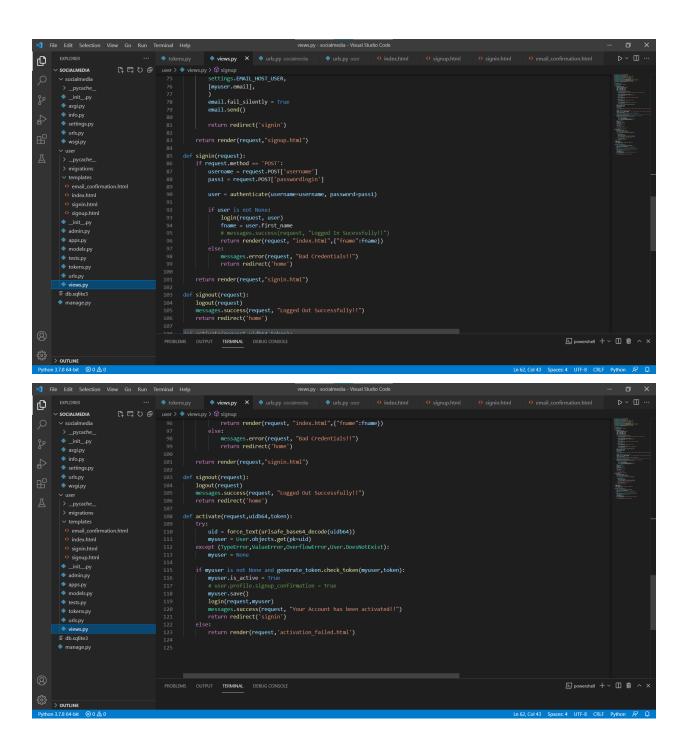
    email_confirmation.html
    index.html

      ⇔ signin.html
⇔ signup.html
                                               apps.py
models.py
     views.pydb.sqlite3
                                                                                                                    In 20, Col 93 Spaces: 4 UTE-8 CRIE HTML № Д
```

d. views.py file:







e. urls.py file and created and:

6. urls.py (project level)

Output:

In the terminal run the following commands: python manage.py makemigrations

python manage.py migrate python manage.py runserver

Click on 127.0.0.1:8000

1. Welcome page:



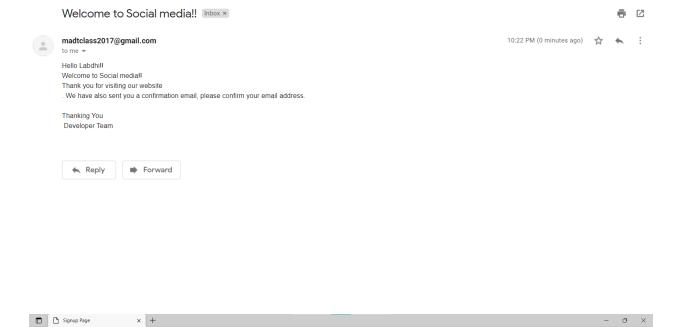
2. Clicking on sign up:



Welcome to Signup page!!!



3. Filling in the details:



Welcome to Signup page!!!

← → C 🖟 🛈 127.0.0.1:8000/signup

Create User

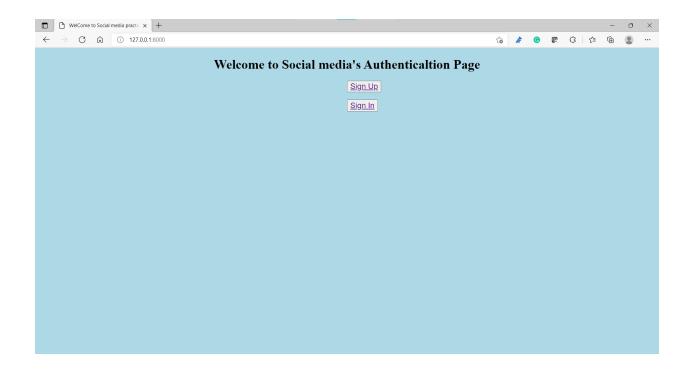




4. Sign-in page:



Successful sign in.



Conclusion:

We learned how to send emails through the Django app and make sign-up and sign-in pages.