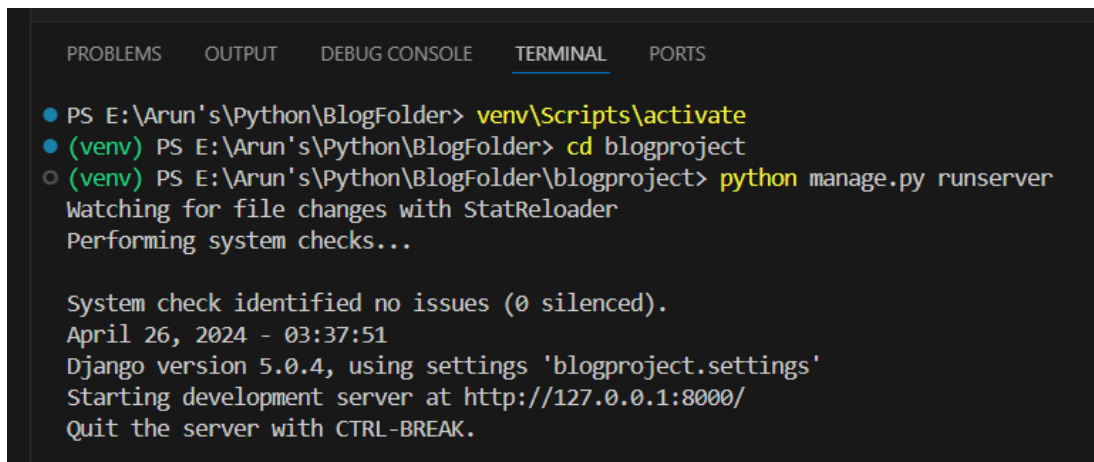# SIMPLE BLOG APP BY USING DJANGO AND PYTHON – INSTRUCTIONS

1. Create a Virtual environment
2. Install the necessary packages – Mentioned in "requirements.txt"
3. Copy the Blogapp folder and paste to venv location
4. Open terminal
   a. Activate the Virtual environment
   b. Move to the project path
   c. Run the server by " python manage.py runserver"

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

● PS E:\Arun's\Python\BlogFolder> venv\Scripts\activate
● (venv) PS E:\Arun's\Python\BlogFolder> cd blogproject
○ (venv) PS E:\Arun's\Python\BlogFolder\blogproject> python manage.py runserver
  Watching for file changes with StatReloader
  Performing system checks...

  System check identified no issues (0 silenced).
  April 26, 2024 - 03:37:51
  Django version 5.0.4, using settings 'blogproject.settings'
  Starting development server at http://127.0.0.1:8000/
  Quit the server with CTRL-BREAK.
```
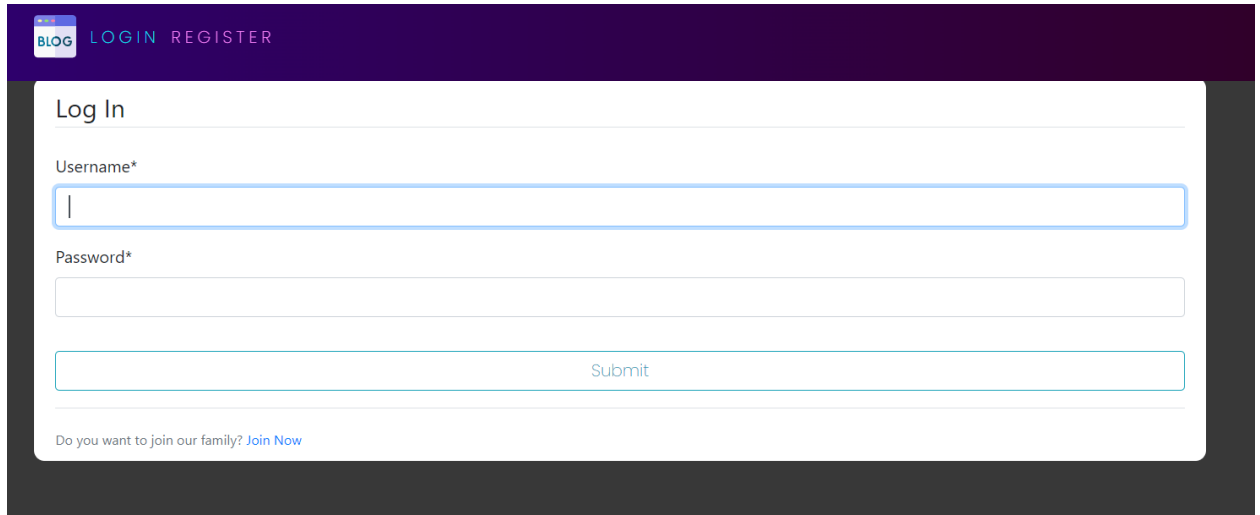
5. Click the http link with ctrl key
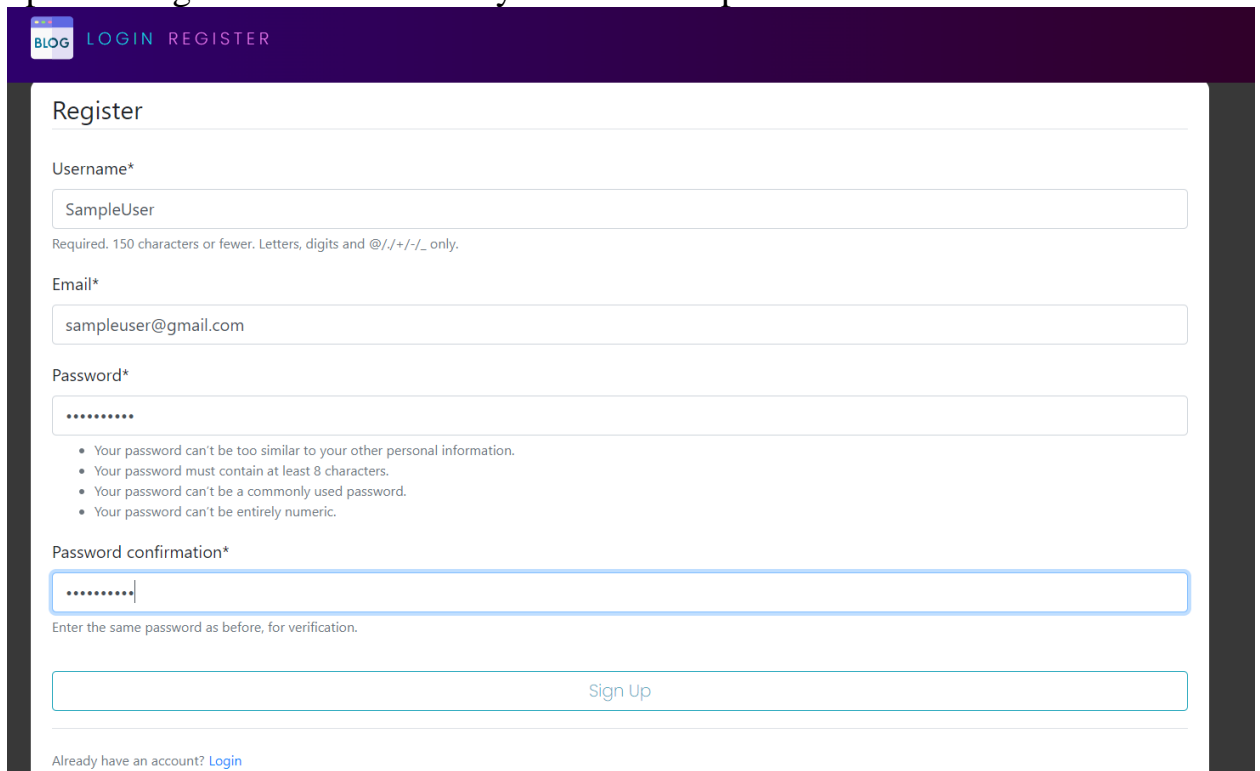6. It will open the Blog web page

BLOG APP EXPLANATION

1. **LOGIN:** It starts with 'user's home page' If any user already logged in. otherwise It will started with login page.
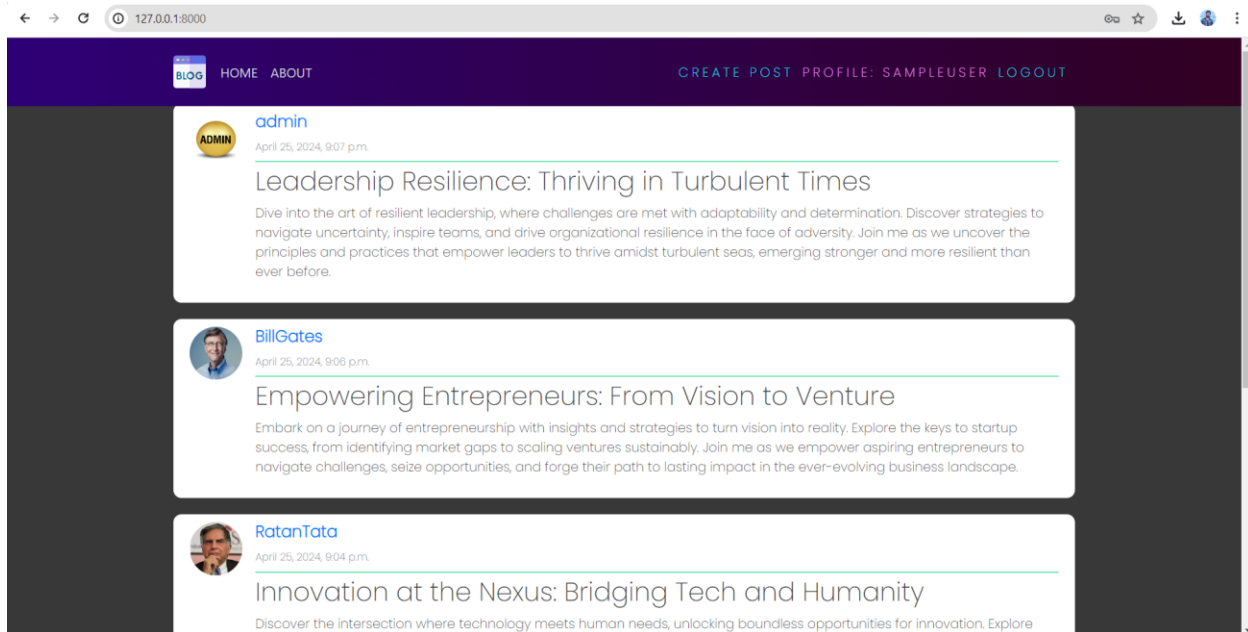

2. **REGISTER:** If you are a new user click the "REGISTER" button. It will open the registration form. Give your details as per the instructions.
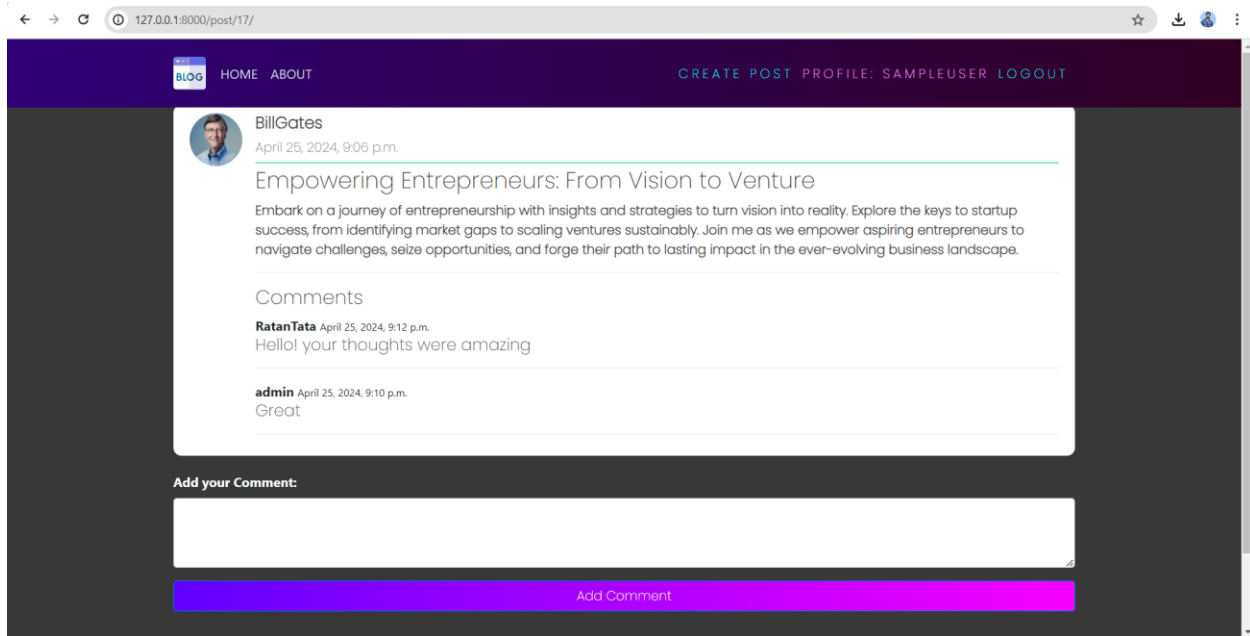
3. Then it will redirect to login page, we need to login with our credentials.
4. **POSTS:** After login successfully it will open the 'home page', it contains all the blog post which was posted by any user with the author name and posted time.

5. **COMMENT SECTION:** If we click on any **Post's Title,** That post will open with the 'comment section'

6. In this page we can add our comment, it will be added to the comment section with commenter name and comment posted time. It was arranged by the most recent criteria. We can go back by clicking Home button

7. **CREATE POST:** As a user if we want to create a new post, we can click the "CREATE POST" button on top-right corner. It will open a post creation page.
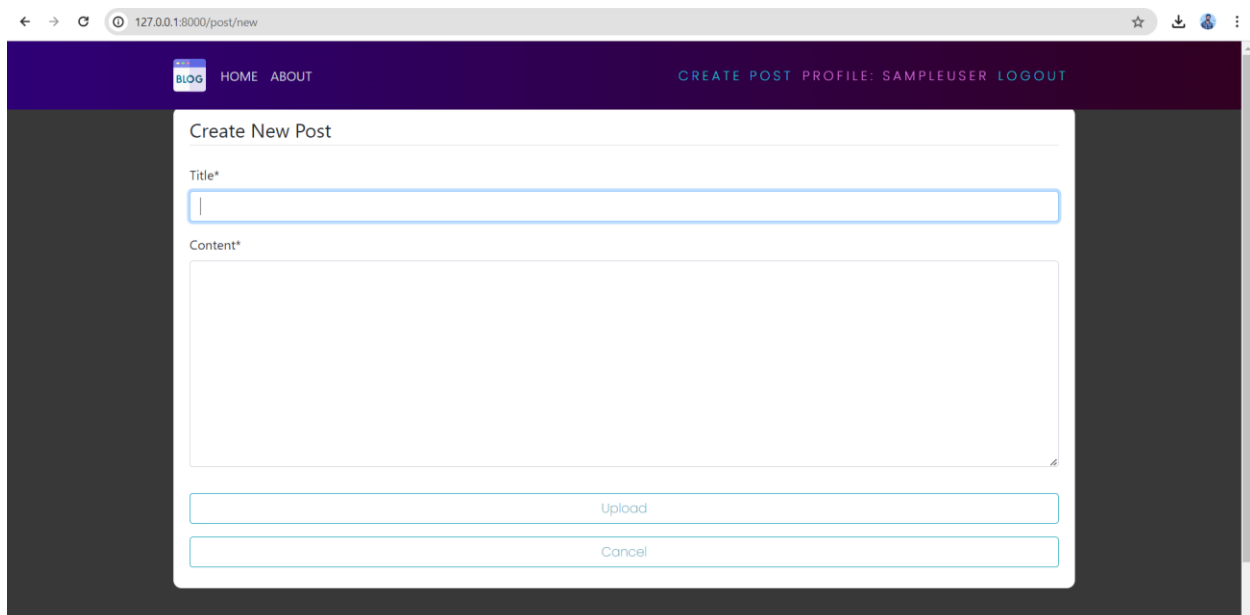
8. After fill out the field Click "UPLOAD" .

9. We can comment any user's post.

10. If we open our own post, it has a "UPDATE" and "DELETE' button.

11. **DELETE POST:** We can delete and edit our own post only; we can't do it for other's post.
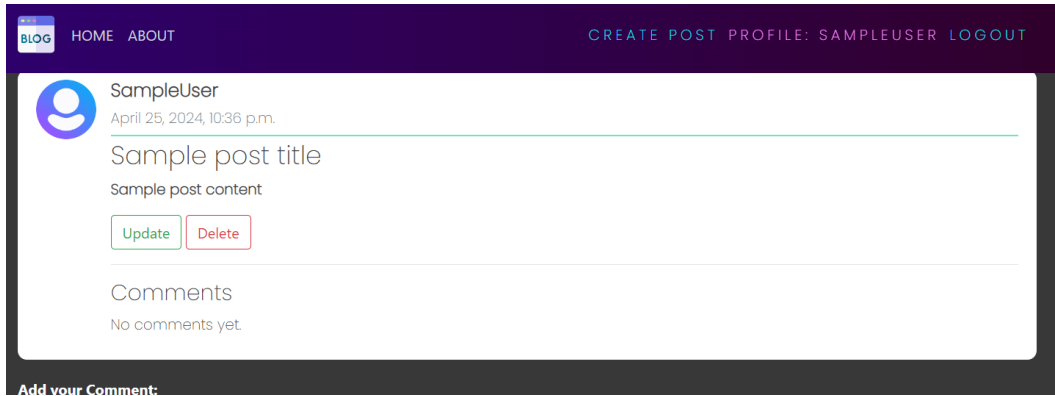
12. **EDIT POST:** If we click "UPDATE" it will open the post update window, we can edit our posts.
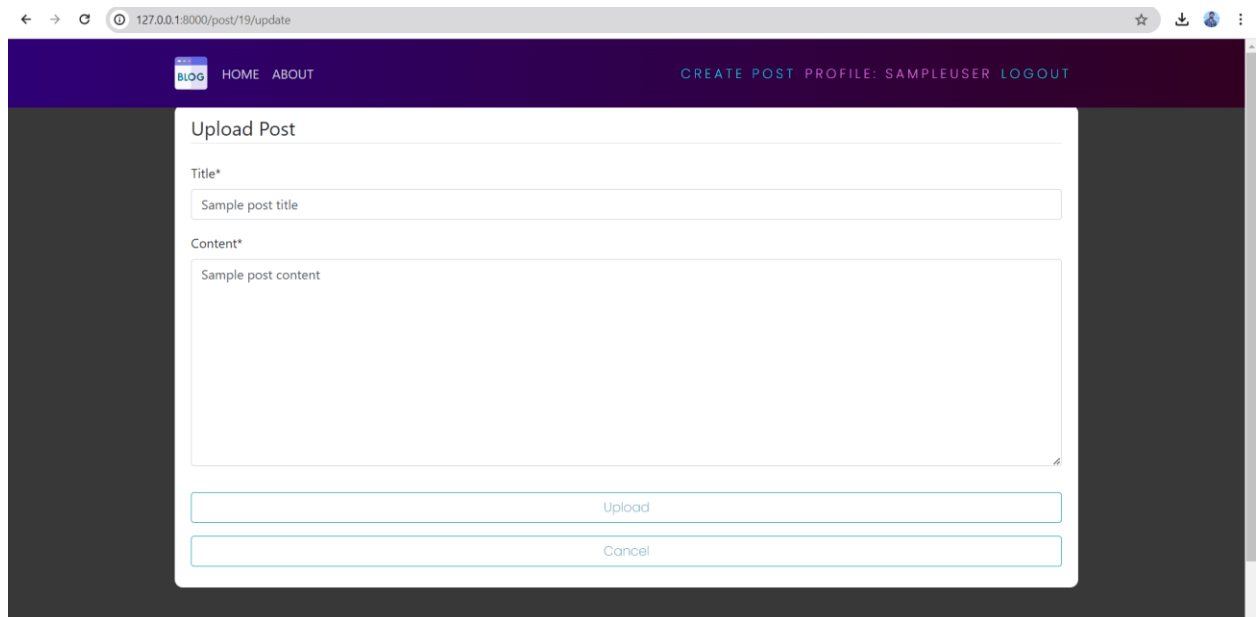
13. If we click "DELETE" it will open the post delete confirmation window.
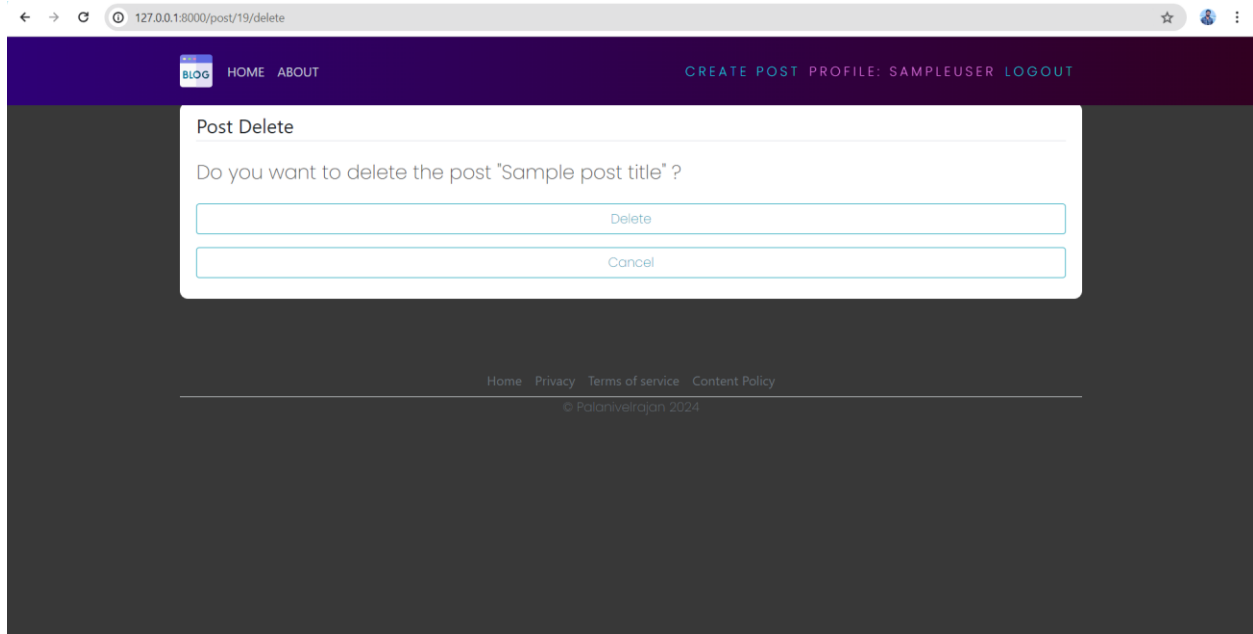
14. If we click the profile button on top-right corner, it just show profile details of current user.
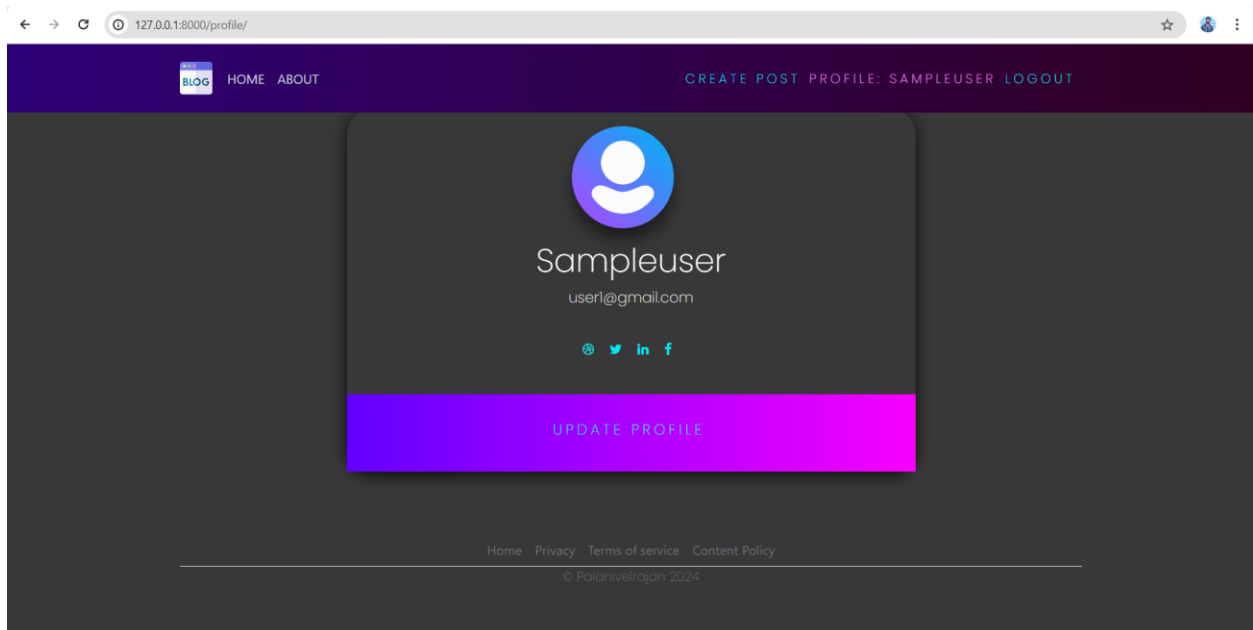
15. As of now, we can upload user's profile picture via admin panel only. Otherwise it will use default image as profile picture.

ADMIN-PANEL

1. Here we enable the admin panel by

   http://localhost/admin/

2. For "Admin" Profile

   Username   : admin

   Password   : admin123

   (Created by shell 'superuser')

Django administration

Site administration

AUTHENTICATION AND AUTHORIZATION		
Groups	+ Add	✏ Change
Users	+ Add	✏ Change

BLOGAPP		
Comments	+ Add	✏ Change
Posts	+ Add	✏ Change

USERS		
Profiles	+ Add	✏ Change

Recent actions

My actions

✏ RatanTata's Profile
Profile

✏ BillGates's Profile
Profile

+ BillGates
User

+ RatanTata
User

✏ admin's Profile
Profile

✏ SampleUser
User

✖ Post 1 from DB
Post

✖ blog post 2
Post

✖ blog post 3
Post

✖ Post 4
Post

Django administration

Home › Authentication and Authorization › Users

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION	
Groups	+ Add
Users	+ Add

BLOGAPP	
Comments	+ Add
Posts	+ Add

USERS	
Profiles	+ Add

Select user to change

ADD USER +

🔍 [ ] Search

Action: [--------- ▾] Go   0 of 4 selected

	USERNAME ▲	EMAIL ADDRESS	FIRST NAME	LAST NAME	STAFF STATUS
☐	**BillGates**				❌
☐	**RatanTata**				❌
☐	**SampleUser**	user1@gmail.com			❌
☐	**admin**	admin@gmail.com			✅

4 users

FILTER

👁 Show counts

↓ By staff status
All
Yes
No

↓ By superuser status
All
Yes
No

↓ By active
All
Yes
No

Django administration

Home › Blogapp › Posts

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups   **+** Add

Users   **+** Add

BLOGAPP

Comments   **+** Add

Posts   **+** Add

USERS

Profiles   **+** Add

Select post to change   ADD POST **+**

Action: [--------- ▾] [Go]   0 of 4 selected

☐ POST

☐ Leadership Resilience: Thriving in Turbulent Times

☐ Empowering Entrepreneurs: From Vision to Venture

☐ Innovation at the Nexus: Bridging Tech and Humanity

☐ Sustainable Leadership: Nurturing Growth with Purpose

4 posts

Django administration

Home › Blogapp › Comments

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups   **+** Add

Users   **+** Add

BLOGAPP

Comments   **+** Add

Posts   **+** Add

USERS

Profiles   **+** Add

Select comment to change   ADD COMMENT **+**

Action: [--------- ▾] [Go]   0 of 7 selected

☐ COMMENT

☐ Comment by RatanTata on Sustainable Leadership: Nurturing Growth with Purpose

☐ Comment by RatanTata on Empowering Entrepreneurs: From Vision to Venture

☐ Comment by RatanTata on Leadership Resilience: Thriving in Turbulent Times
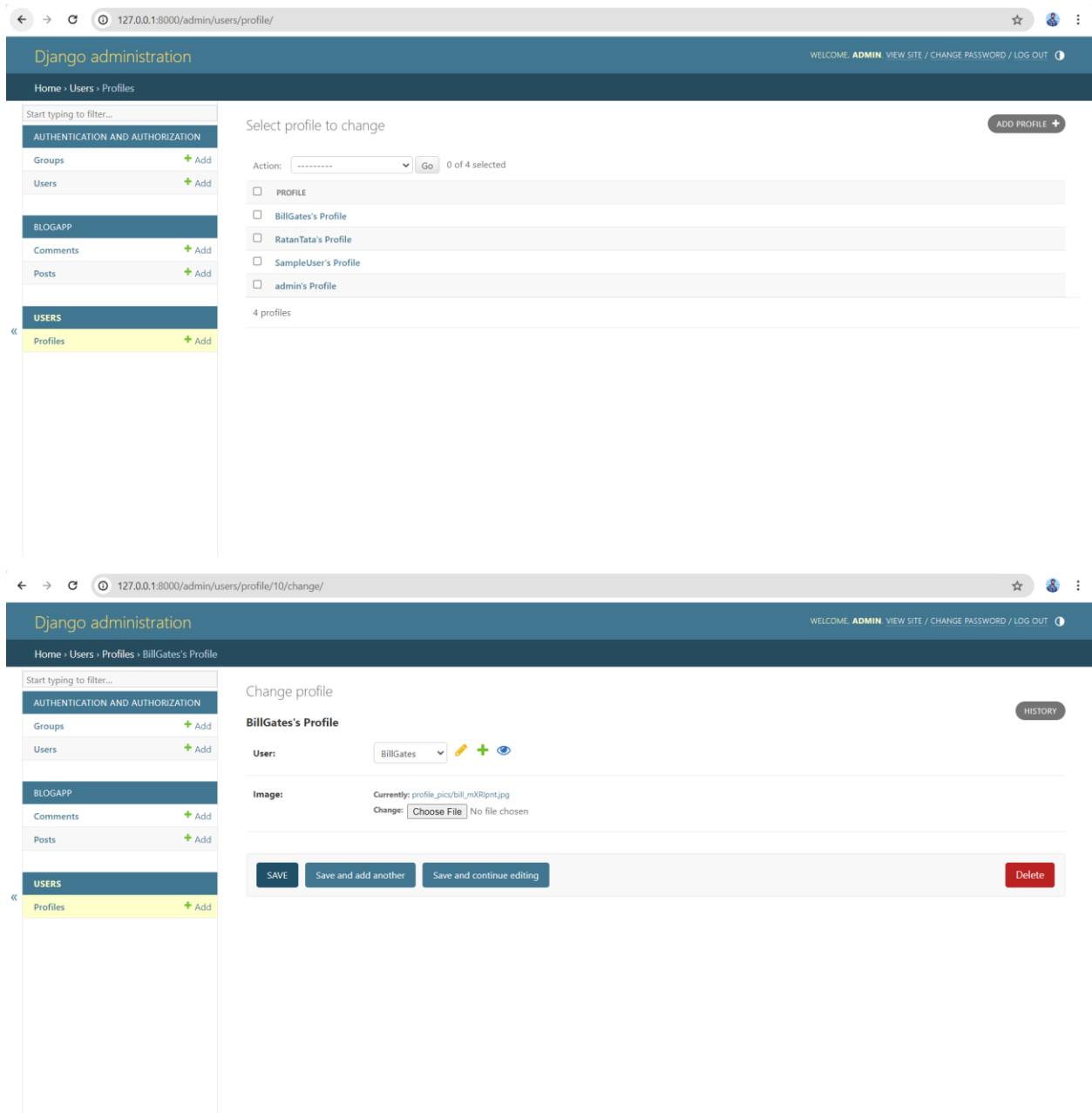
☐ Comment by admin on Sustainable Leadership: Nurturing Growth with Purpose

☐ Comment by admin on Innovation at the Nexus: Bridging Tech and Humanity

☐ Comment by admin on Empowering Entrepreneurs: From Vision to Venture

☐ Comment by admin on Leadership Resilience: Thriving in Turbulent Times

7 comments

For Verification Purpose;

Username	Password
admin	admin123
RatanTata	djangoblogratan
BillGates	djangoblogbill
SampleUser	djangobloguser1