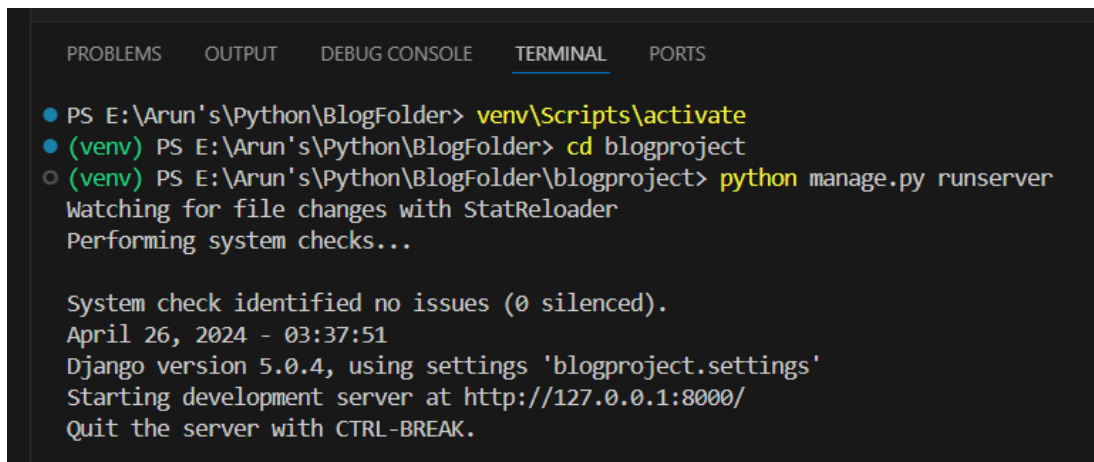


SIMPLE BLOG APP BY USING DJANGO AND PYTHON – INSTRUCTIONS

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

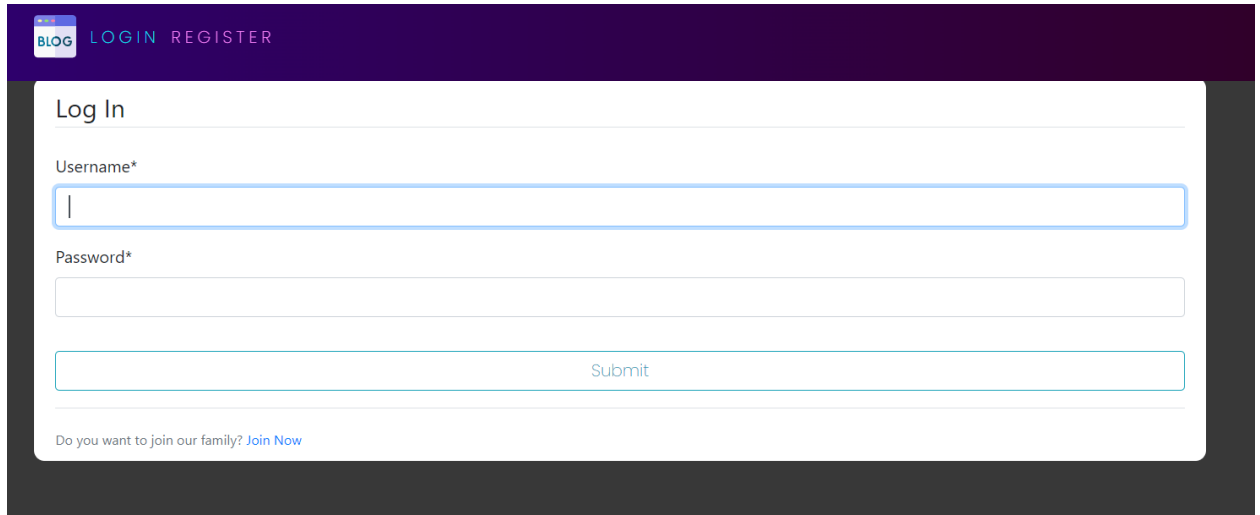
● PS E:\Arun's\Python\BlogFolder> venv\Scripts\activate
● (venv) PS E:\Arun's\Python\BlogFolder> cd blogproject
○ (venv) PS E:\Arun's\Python\BlogFolder\blogproject> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

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

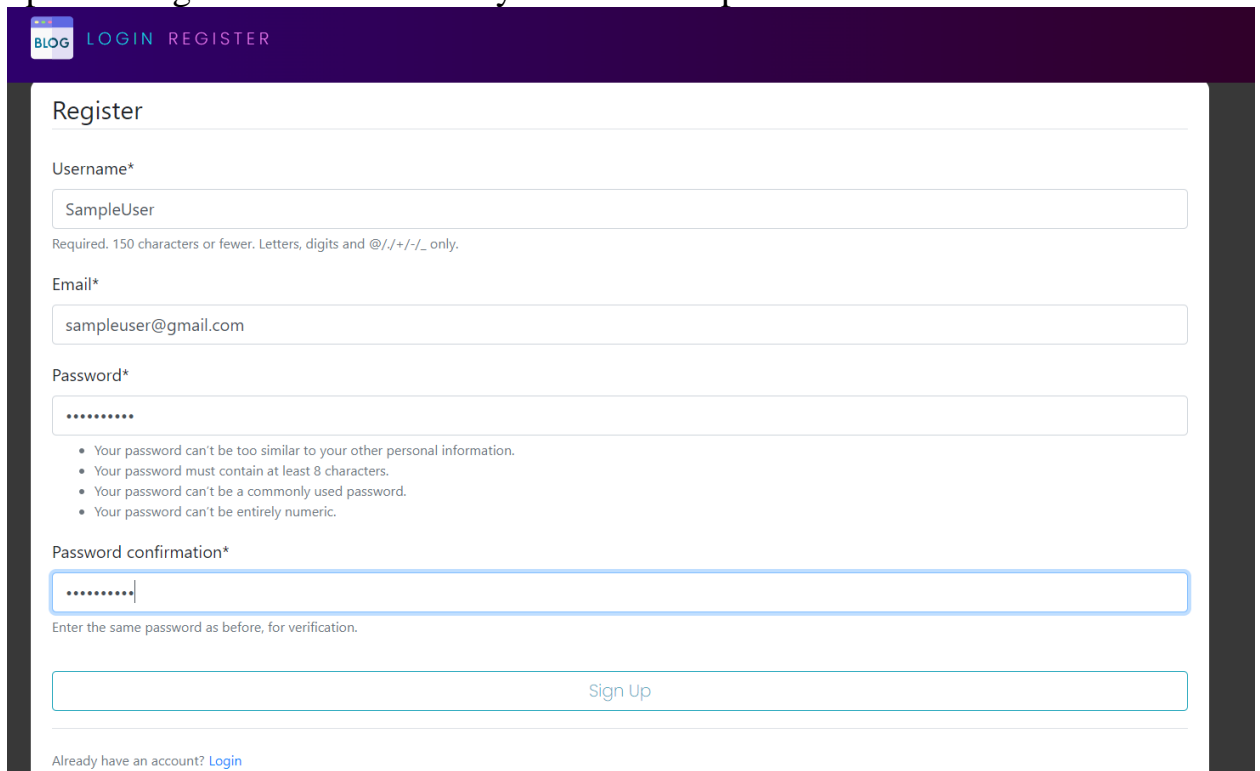
BLOG APP EXPLANATION

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



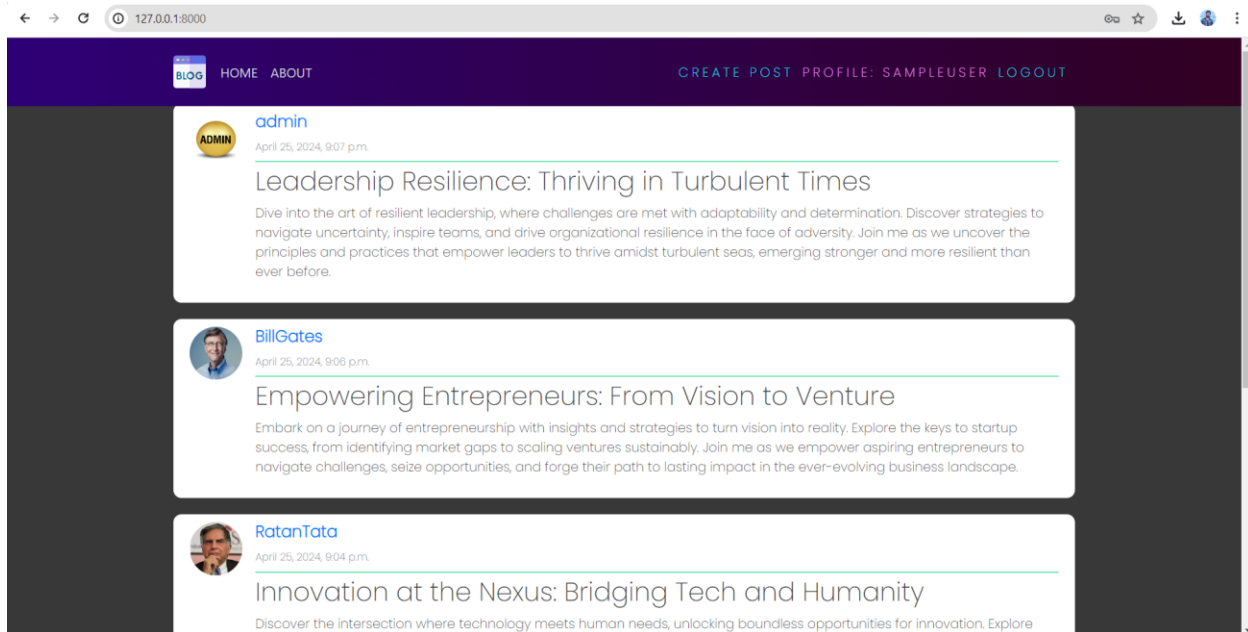
The screenshot shows a web application interface with a dark purple header. On the left of the header is a 'BLOG' logo, and on the right are the links 'LOGIN' and 'REGISTER'. The main content area is white and titled 'Log In'. It contains two input fields: 'Username*' and 'Password*'. Below these fields is a 'Submit' button. At the bottom of the form, there is a link that says 'Do you want to join our family? [Join Now](#)'.

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.

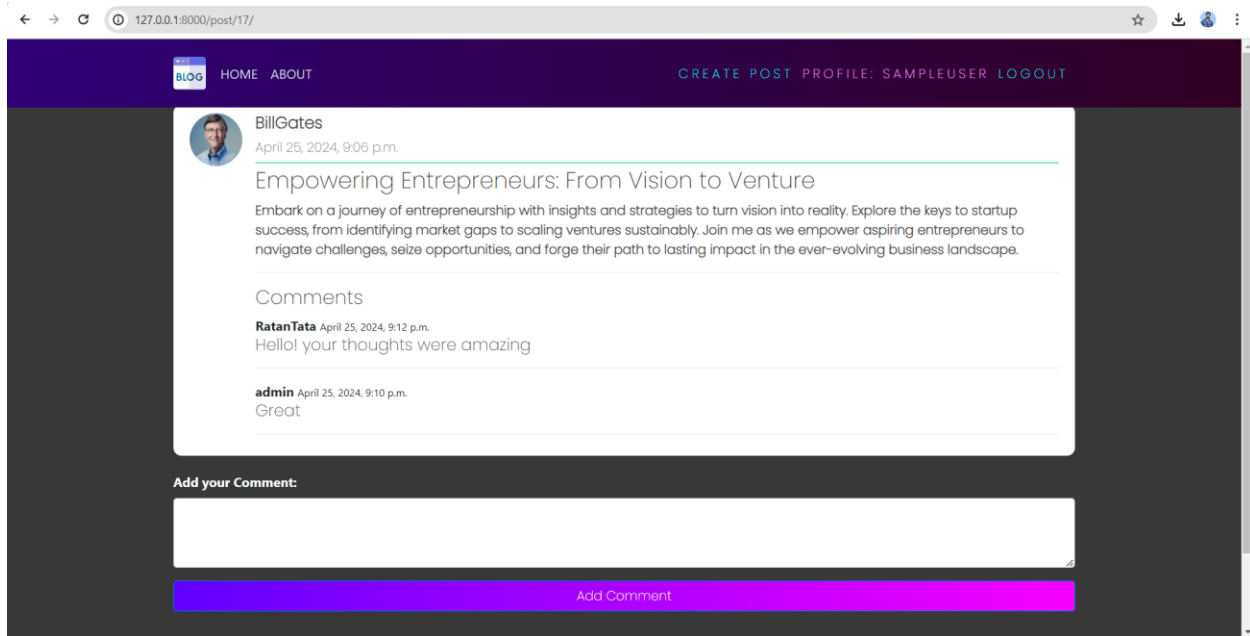


The screenshot shows the 'Register' form in the same web application. The header is identical. The form is titled 'Register' and contains four input fields: 'Username*', 'Email*', 'Password*', and 'Password confirmation*'. The 'Username*' field has the text 'SampleUser' and a note below it: 'Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.' The 'Email*' field has the text 'sampleuser@gmail.com'. The 'Password*' field has a series of dots and a list of password requirements: 'Your password can't be too similar to your other personal information.', 'Your password must contain at least 8 characters.', 'Your password can't be a commonly used password.', and 'Your password can't be entirely numeric.' The 'Password confirmation*' field has a series of dots and a note below it: 'Enter the same password as before, for verification.' At the bottom of the form is a 'Sign Up' button. At the very bottom, there is a link that says 'Already have an account? [Login](#)'.

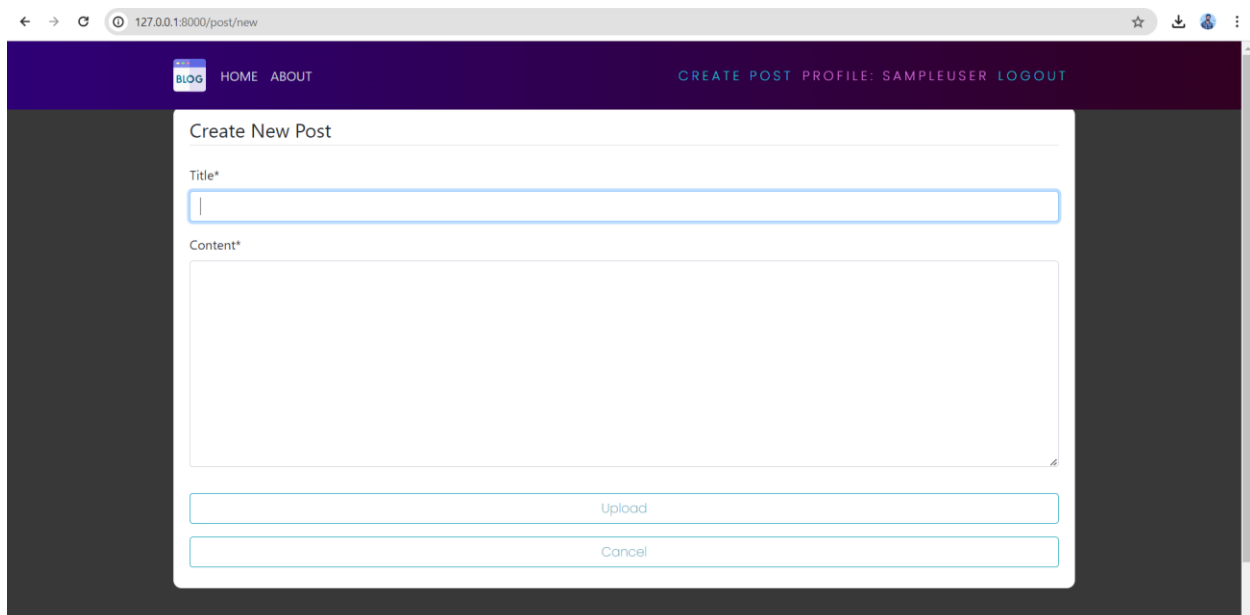
3. Then it will redirect to login page, we need to login with our credentials.
4. **POSTS:** After login successfully it will open the 'home page', it contains all the blog post which was posted by any user with the author name and posted time.



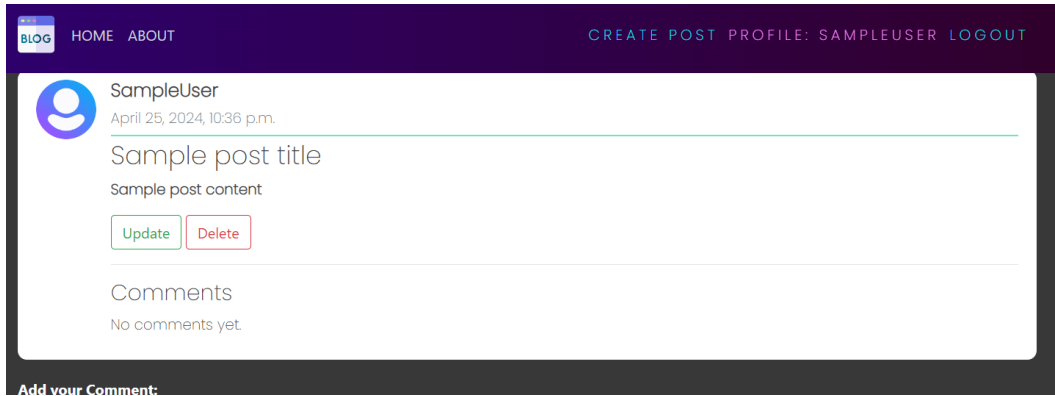
5. **COMMENT SECTION:** If we click on any **Post's Title**, That post will open with the 'comment section'



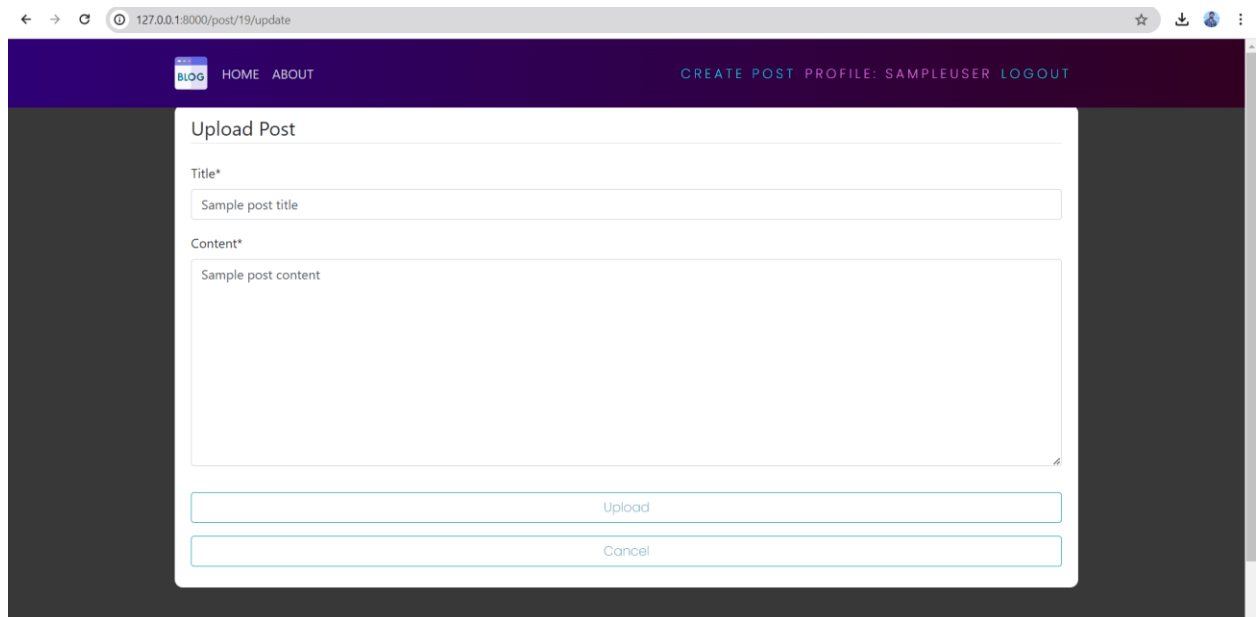
6. In this page we can add our comment, it will be added to the comment section with commenter name and comment posted time. It was arranged by the most recent criteria. We can go back by clicking Home button
7. **CREATE POST:** As a user if we want to create a new post, we can click the "CREATE POST" button on top-right corner. It will open a post creation page.



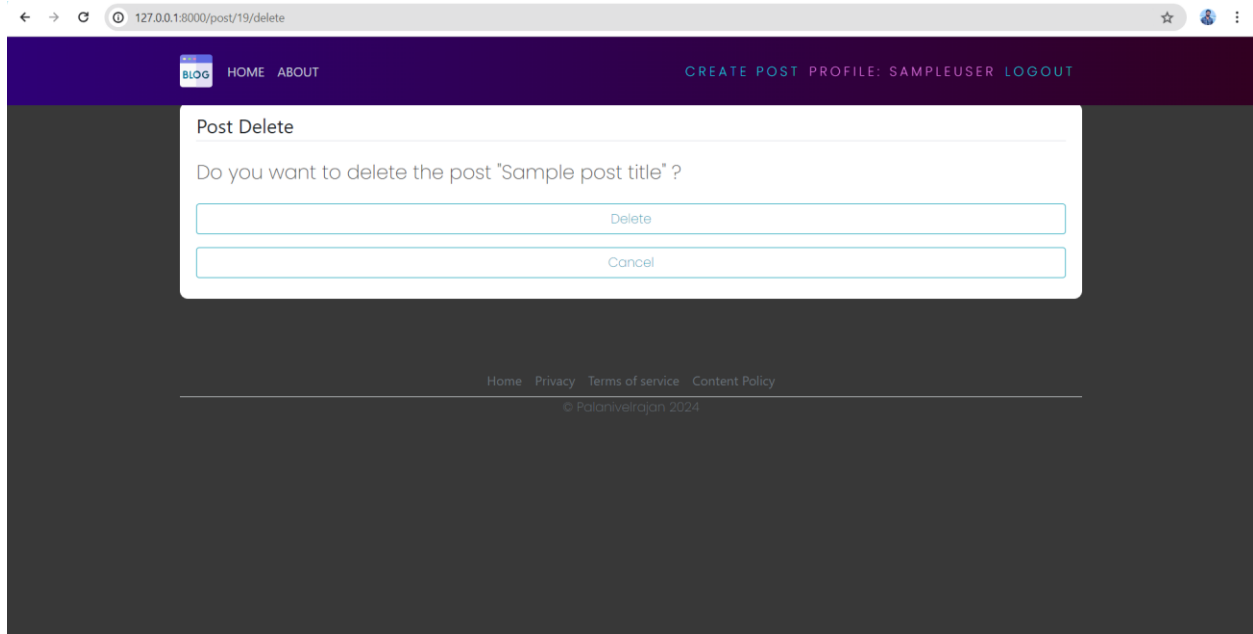
8. After fill out the field Click “UPLOAD” .
9. We can comment any user’s post.
- 10.If we open our own post, it has a “UPDATE” and “DELETE’ button.
- 11.**DELETE POST:** We can delete and edit our own post only; we can’t do it for other’s post.



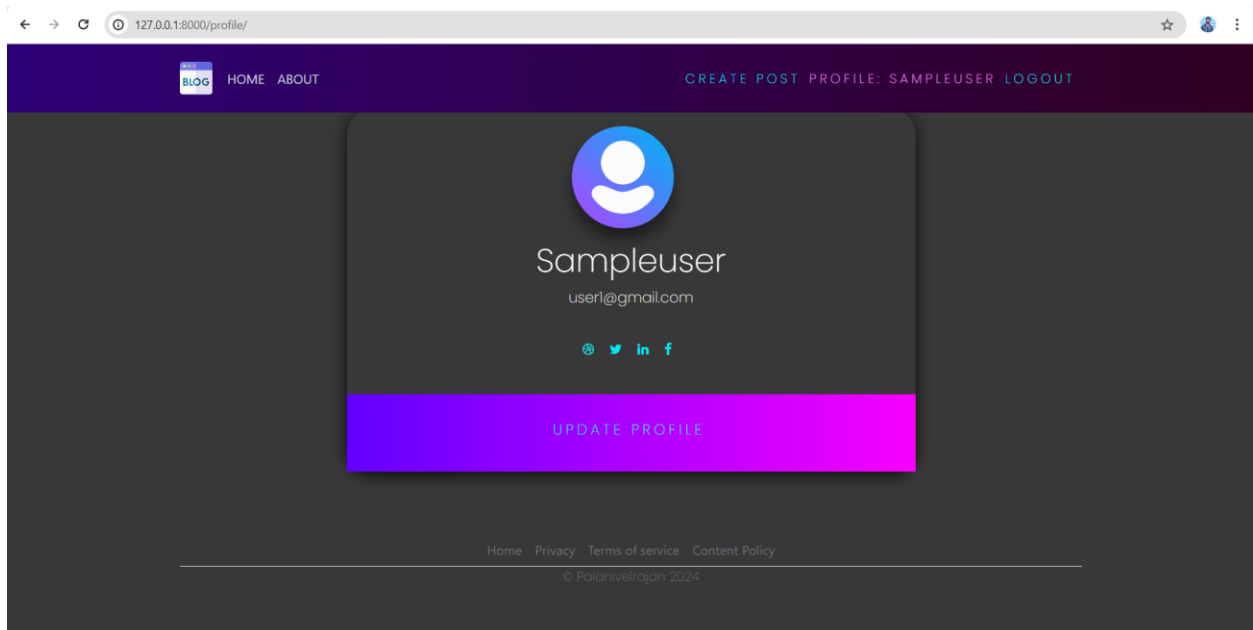
- 12.**EDIT POST:** If we click “UPDATE” it will open the post update window, we can edit our posts.



- 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')

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

Start typing to filter...

AUTHENTICATION AND AUTHORIZATION

Groups [+ Add](#)

Users [+ Add](#)

BLOGAPP

Comments [+ Add](#)

Posts [+ Add](#)

USERS

Profiles [+ Add](#)

Select user to change

Search

Action:

Go

 0 of 4 selected

<input type="checkbox"/>	USERNAME	EMAIL ADDRESS	FIRST NAME	LAST NAME	STAFF STATUS
<input type="checkbox"/>	BillGates				<div>✖</div>
<input type="checkbox"/>	RatanTata				<div>✖</div>
<input type="checkbox"/>	SampleUser	user1@gmail.com			<div>✖</div>
<input type="checkbox"/>	admin	admin@gmail.com			<div>✔</div>

4 users

ADD USER +

FILTER

Show counts

↓ By staff status

All

Yes

No

↓ By superuser status

All

Yes

No

↓ By active

All

Yes

No

127.0.0.1:8000/admin/blogapp/post/

Django administration

WELCOME: ADMIN VIEW SITE / CHANGE PASSWORD / LOG OUT

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

127.0.0.1:8000/admin/blogapp/comment/

Django administration

WELCOME: ADMIN VIEW SITE / CHANGE PASSWORD / LOG OUT

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

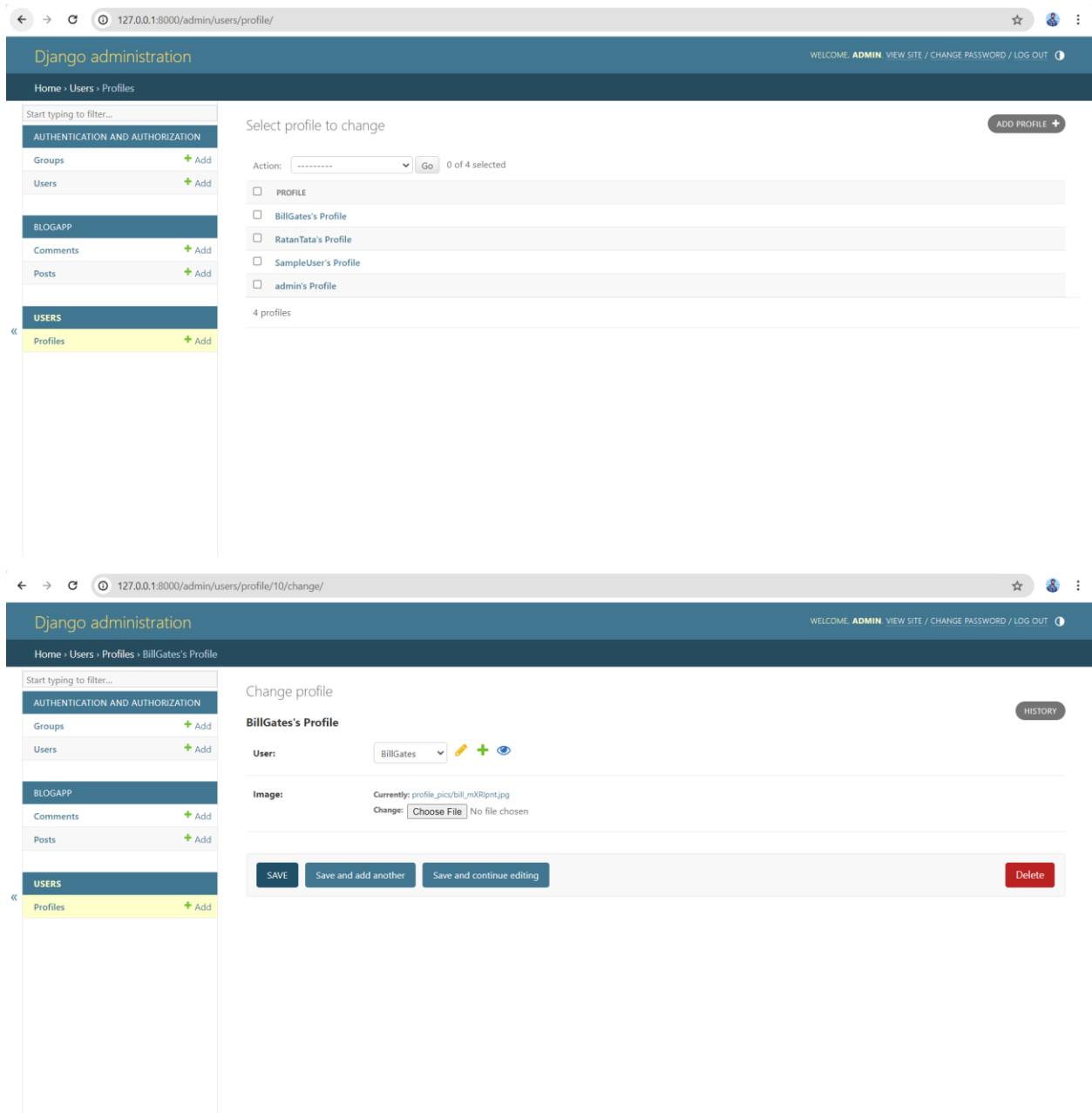
☐ Comment by admin on Sustainable Leadership: Nurturing Growth with Purpose

☐ 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