

Group Four Presents

Project Curio

Minimal Distraction-Free Blogging Webapp to Share
Your Story, Thought and Adventure Log.

CSE 356
Software Engineering & System Analysis Lab



Presented By:



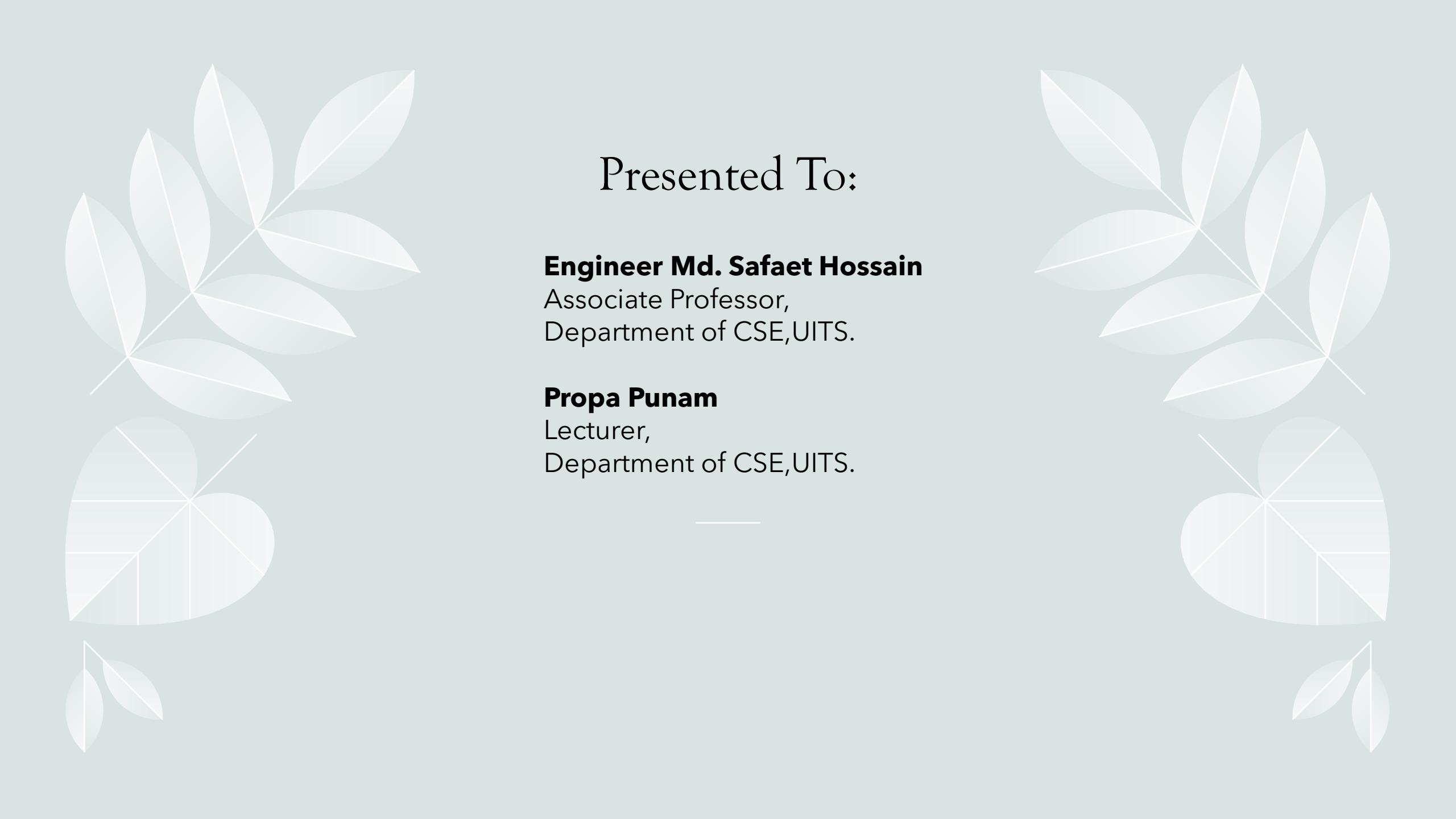
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Agenda

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The screenshot shows the homepage of the Curio website. At the top right is a dark circular logo with the word "CURIO" in white, surrounded by decorative flourishes and the text "Archive Of Curious Quests". The main header features a large, bold "C" and the word "Curio". Below the header, a welcome message reads: "Hi there! Welcome to Curio. A Minimal & Comfy site to share your story, thoughts & adventure logs. ❤️". On the right side, there's a section titled "Posts" with a blue link "My Adventure to Another Universe!". Below it, a post summary for December 10, 2024, includes the category "Adventure" and a snippet of text about a mysterious forest.

Hi there! Welcome to
Curio
A Minimal & Comfy site to share your
story, thoughts & adventure logs. ❤️

Posts

My Adventure to Another Universe!

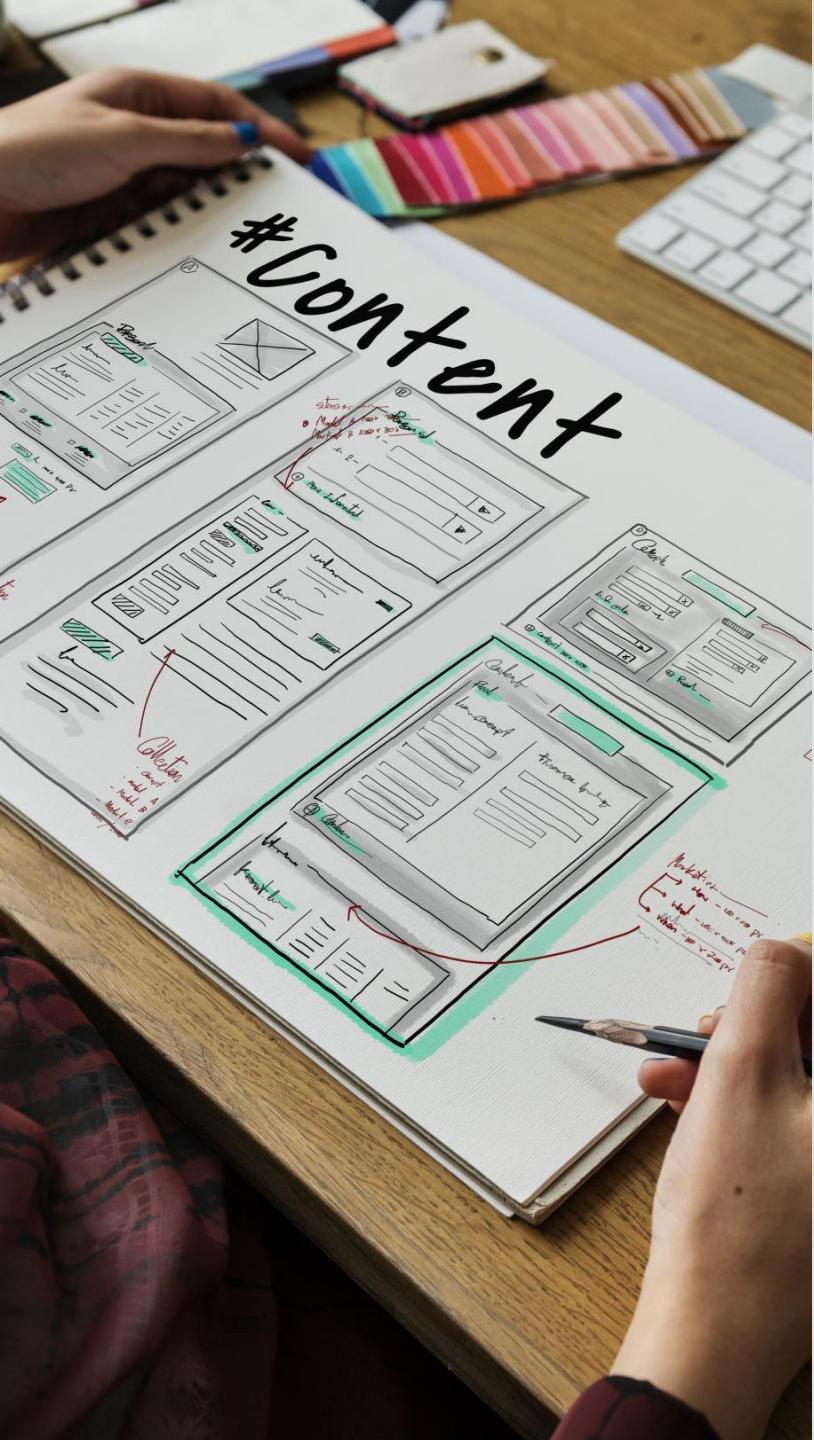
Dec. 10, 2024 | Categories:
Adventure

It was a chilly autumn evening when I stumbled upon the forgotten path hidden deep in the forest behind my house. Leaves crunched underfoot, and the scent of moss and damp earth filled the air. The setting sun cast long, wavering shadows, and a strange energy pulsed around me, as if the forest itself was holding its breath. I had always known that forest to be mysterious, but tonight, it whispered... [More →](#)

Introduction

Blogging platforms today often overwhelm users with complex interfaces and features that aren't necessary for readers and writers. These distractions can hinder creativity and productivity. This project addresses this problem by offering a clean, distraction-free blogging experience. Built using Django, it focuses on content creation and reading while minimizing external interruptions like pop-ups, and unnecessary notifications.

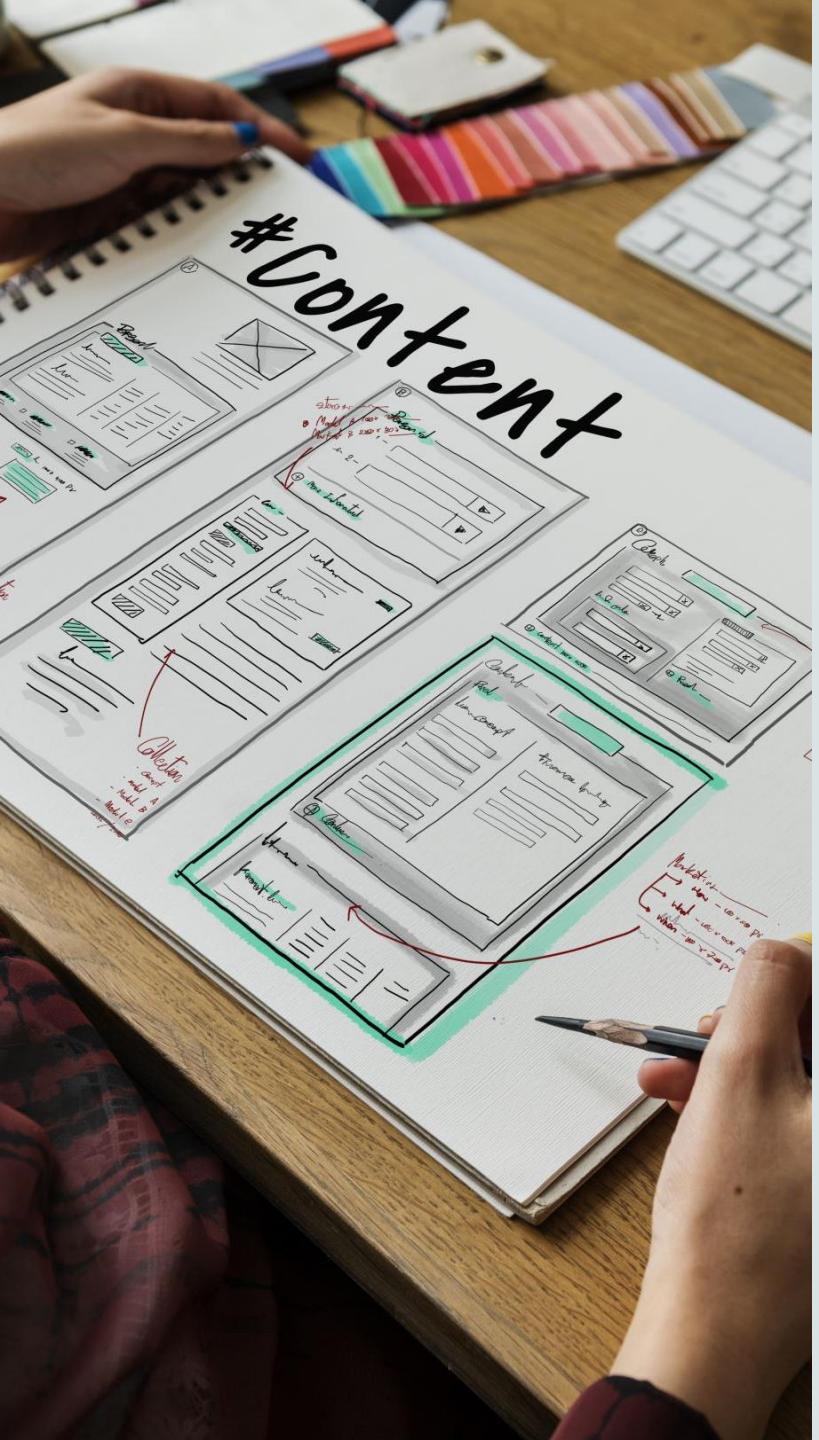
Software Requirements Specification (Key Features)



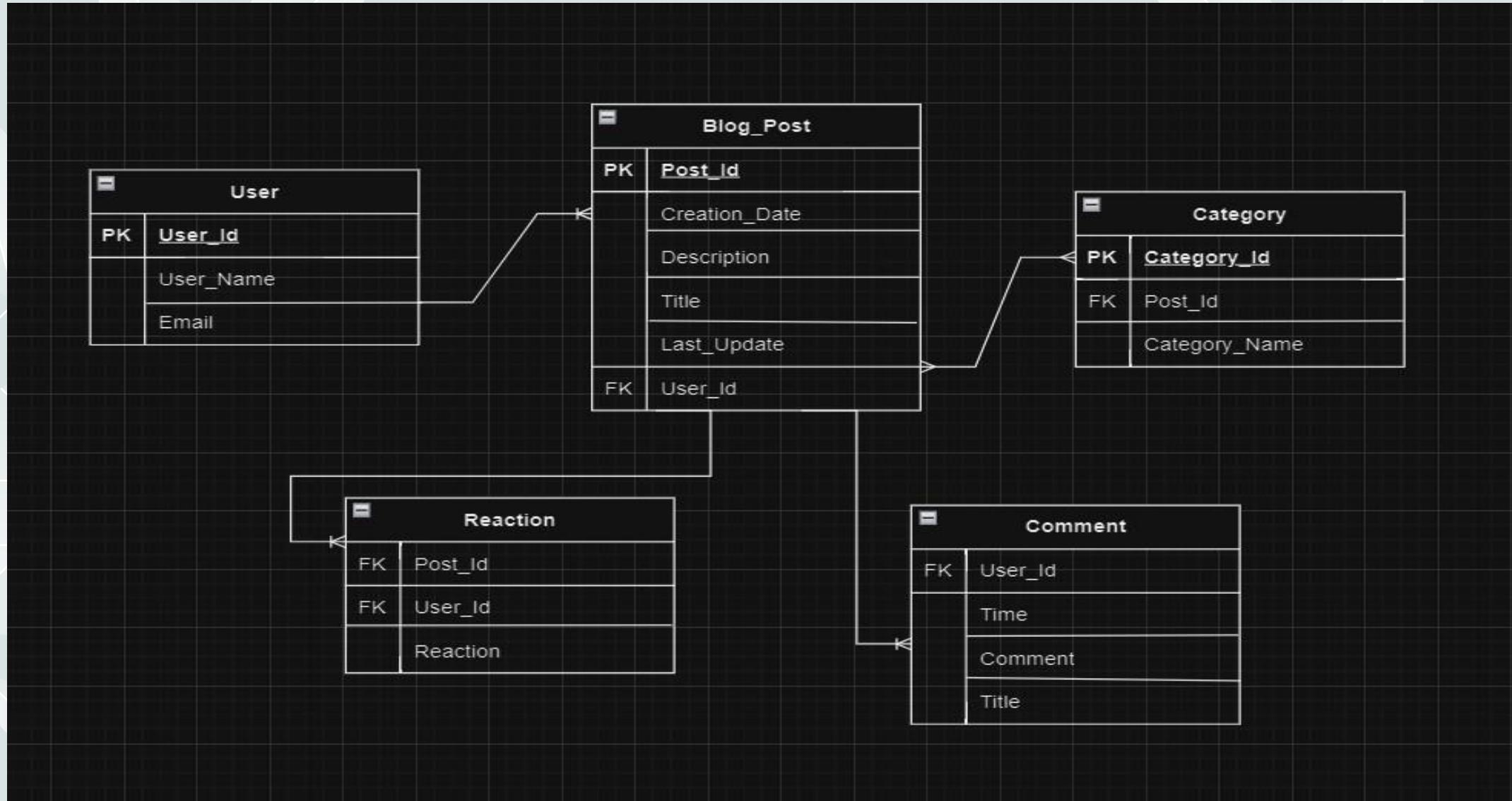
What We Wanted To Achieve

- Minimal and Distraction-Free
- Simple but Gorgeous
- User Friendly but Secure
- Productive but Fun too
- All the Feature you Need
- Power and Stability of Django
- Bridges the gap between Simplicity and Functionality
- Aims Towards who desires awesome blogging experience with all above

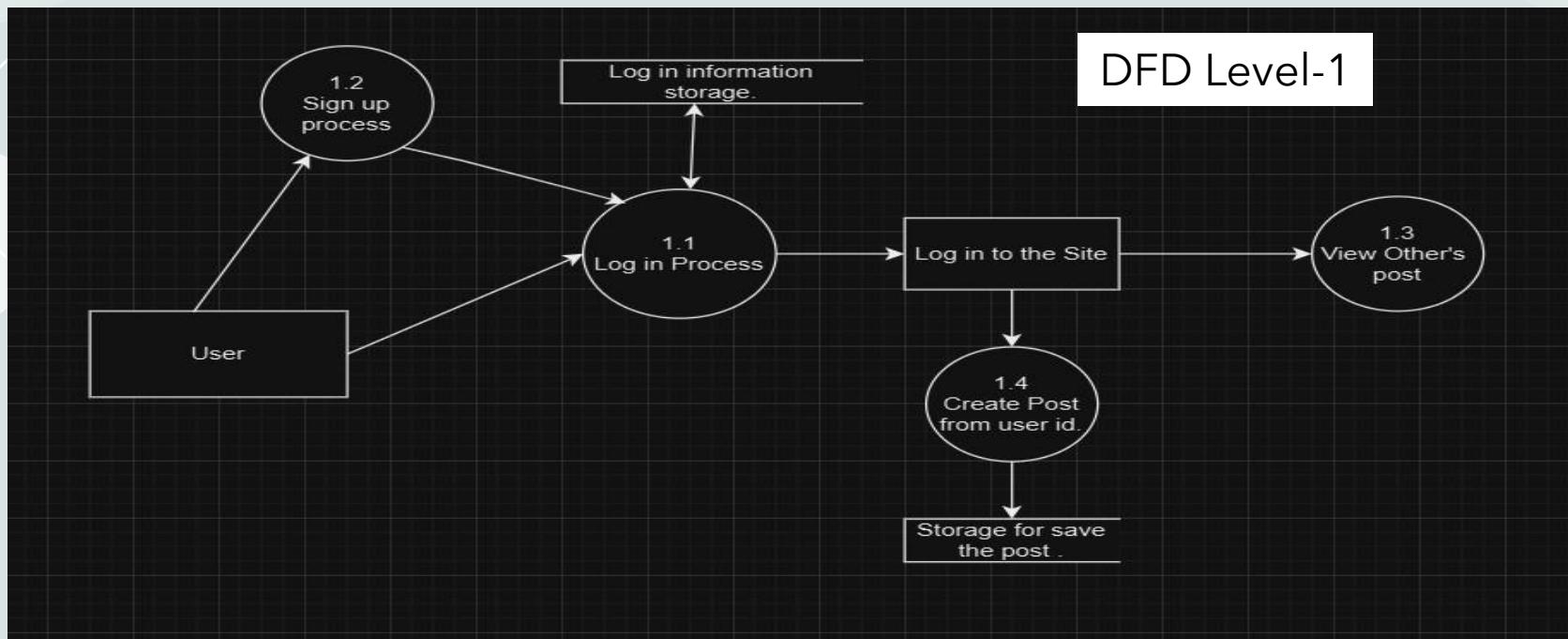
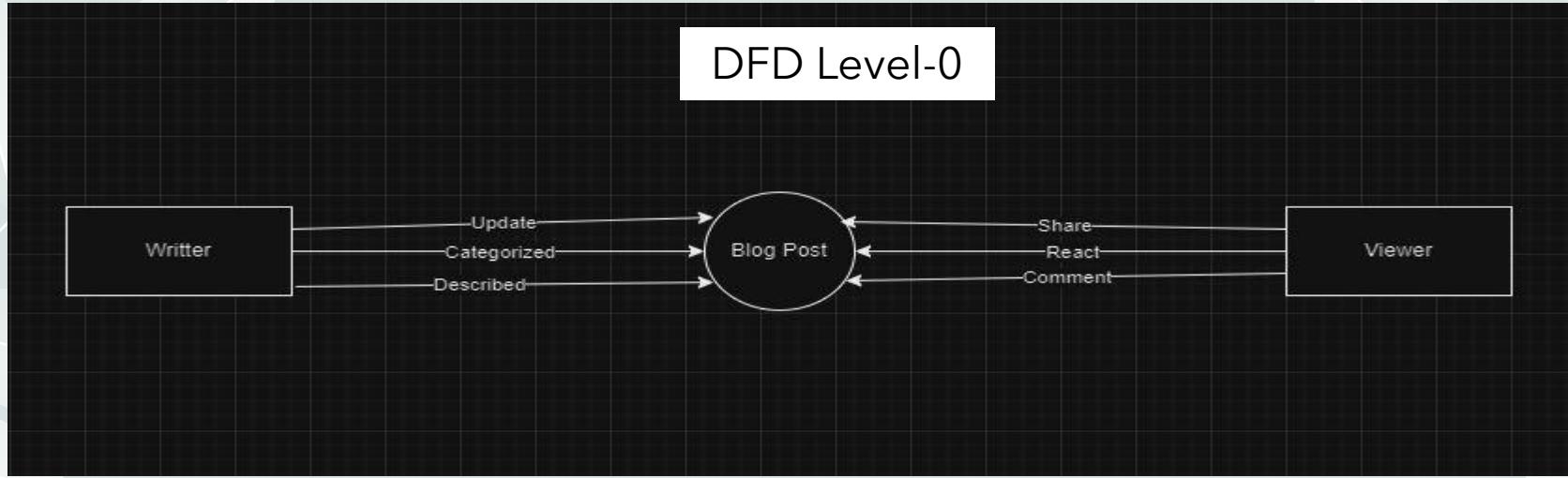
System Analysis & Modeling



ER Diagram

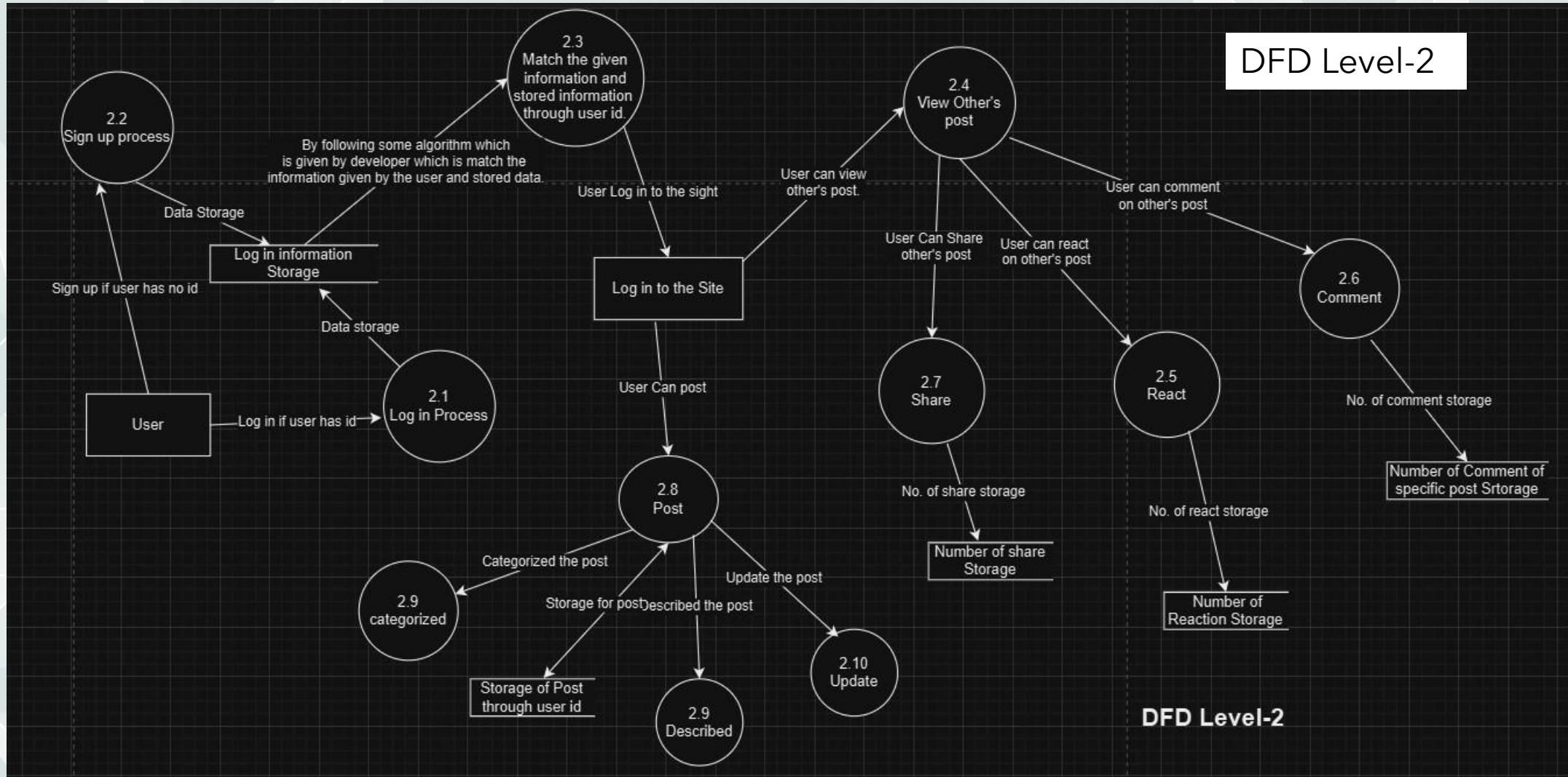


Data Flow Diagrams

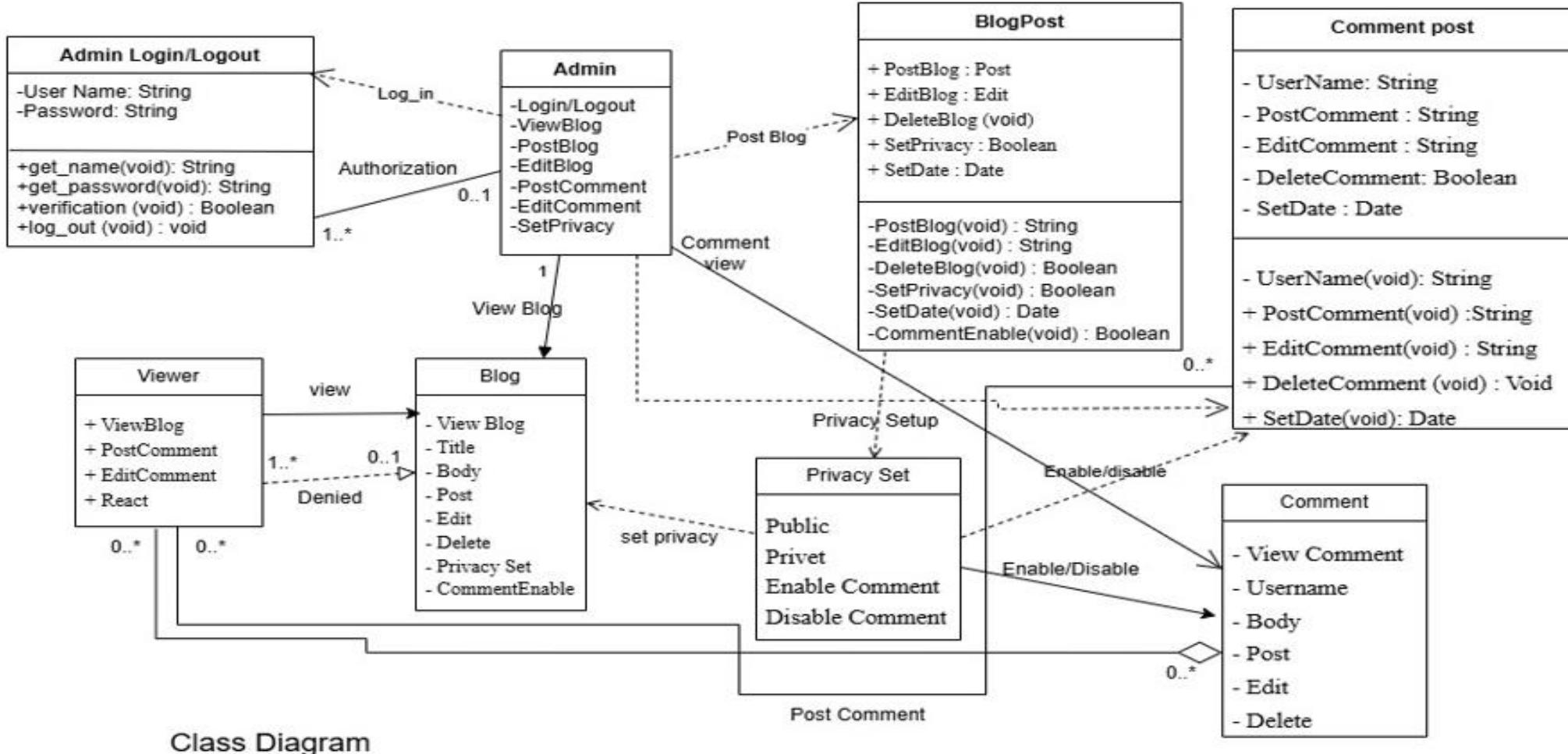


Data Flow Diagrams

7



Class Diagram



Activity Diagrams

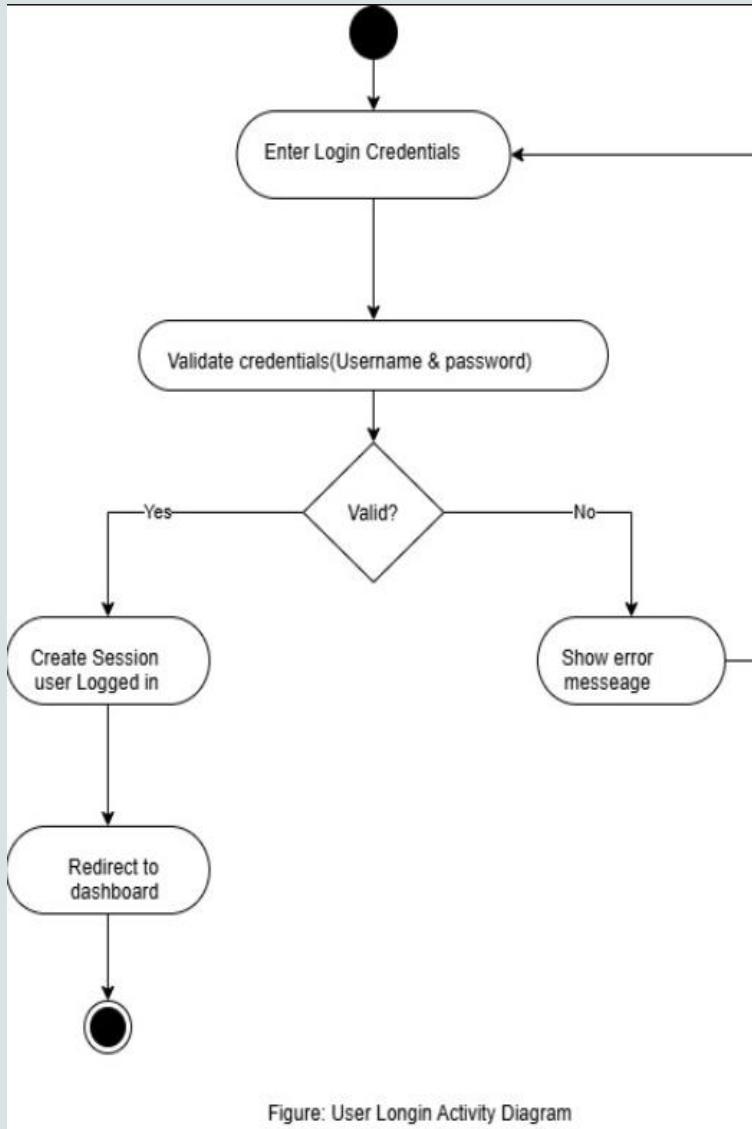


Figure: User Longin Activity Diagram

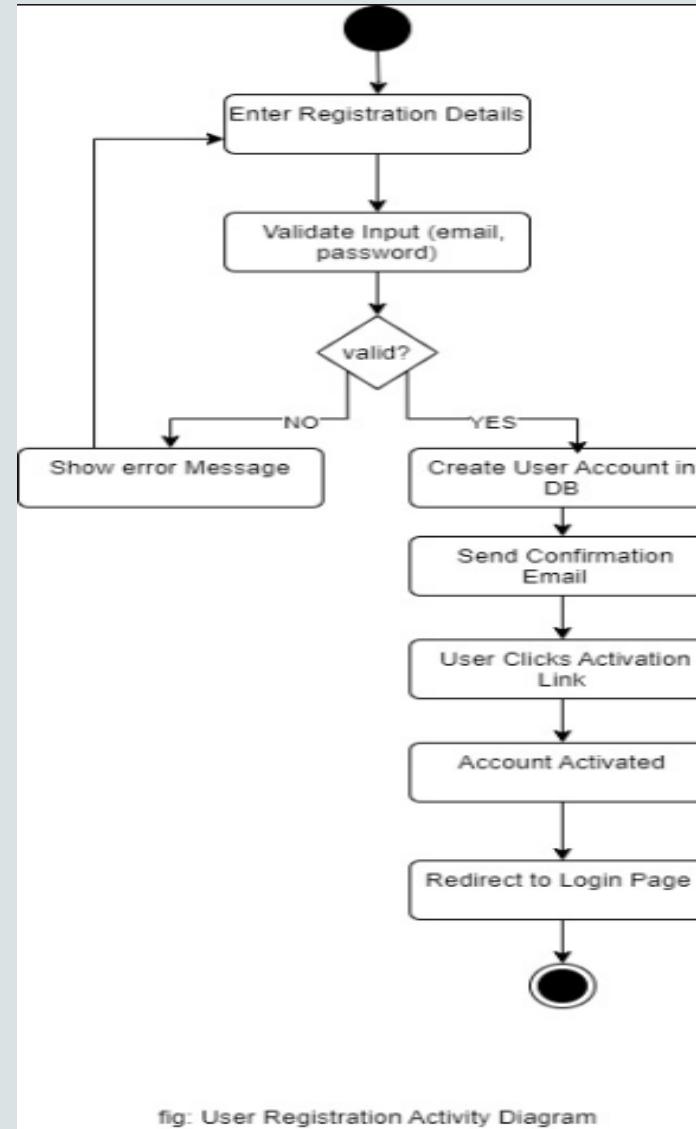
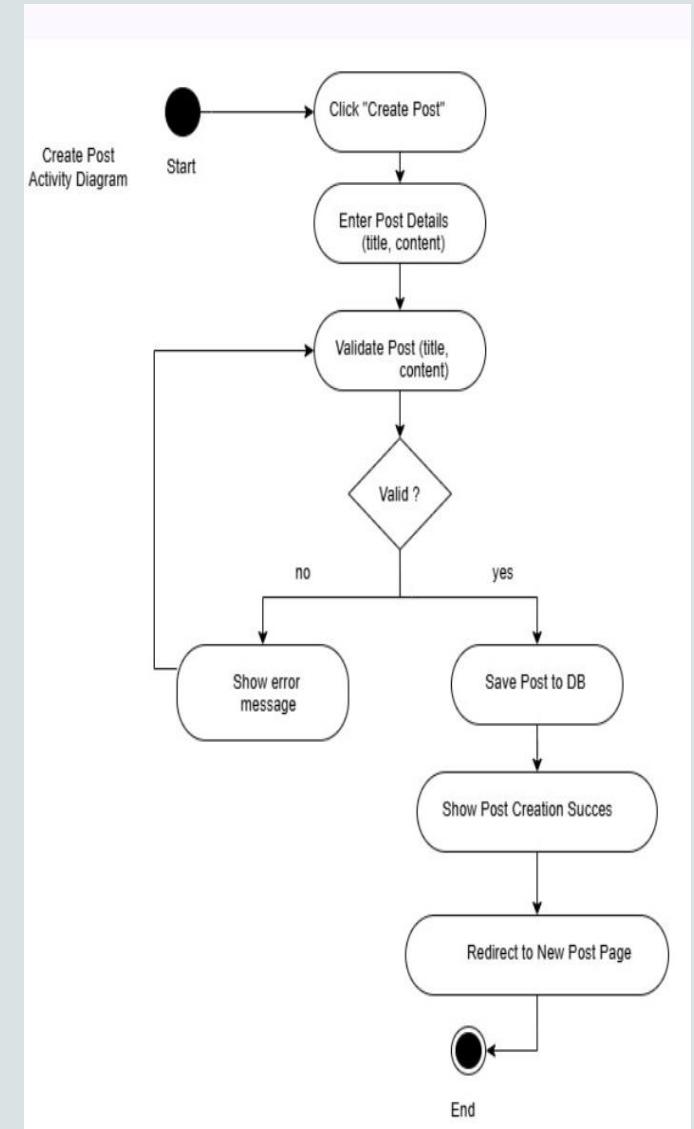
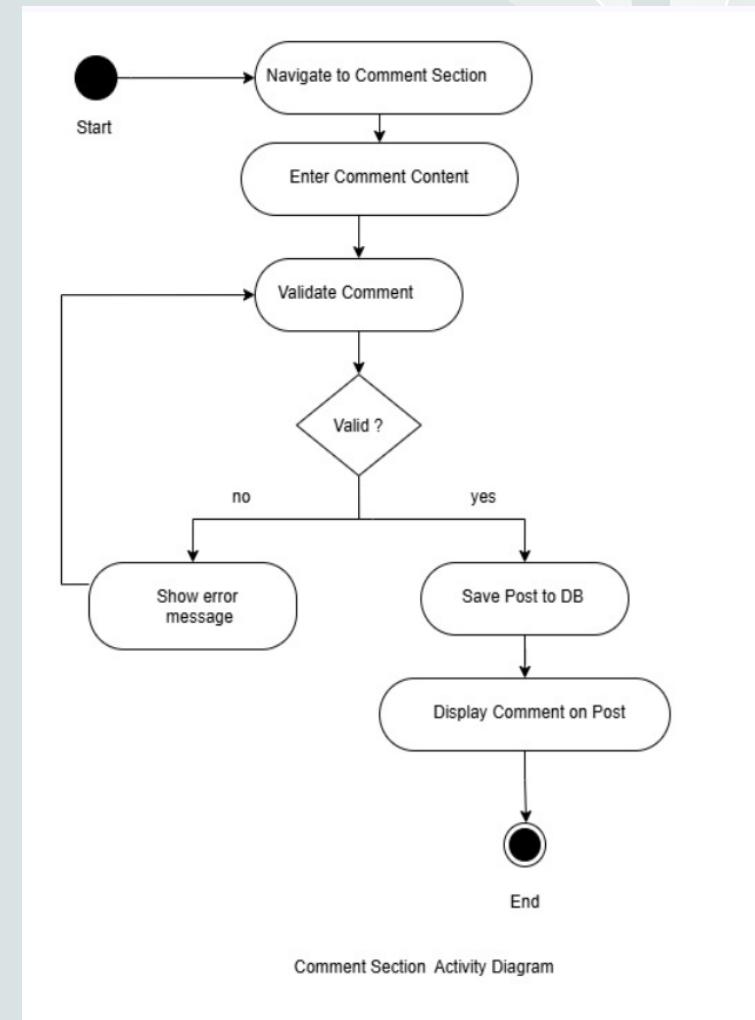
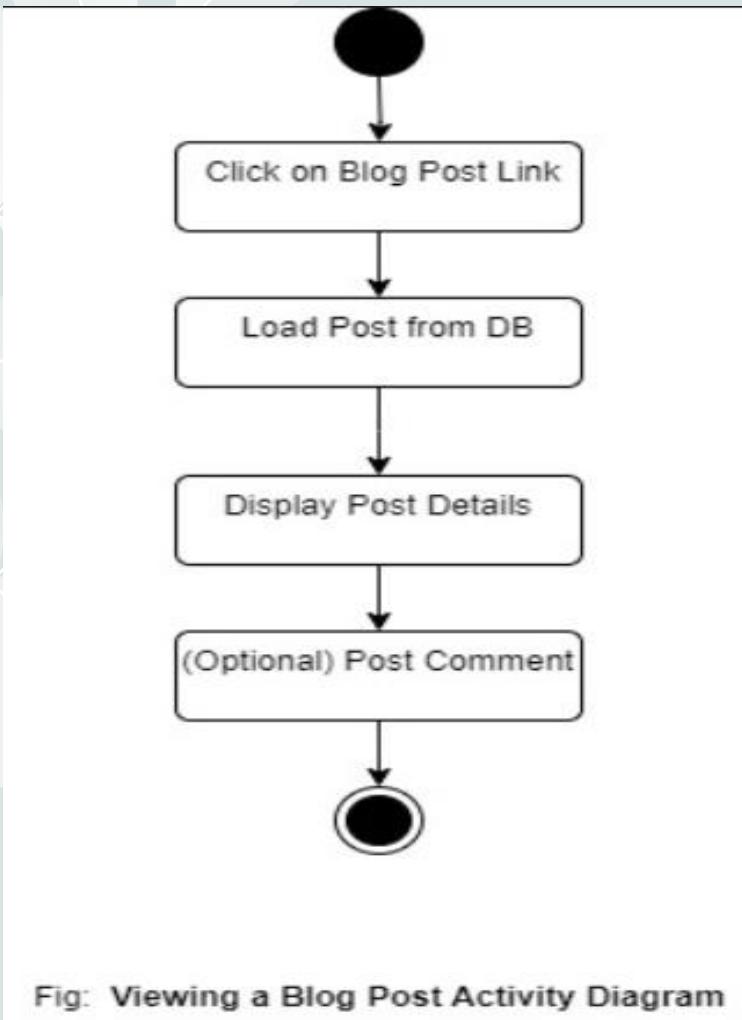


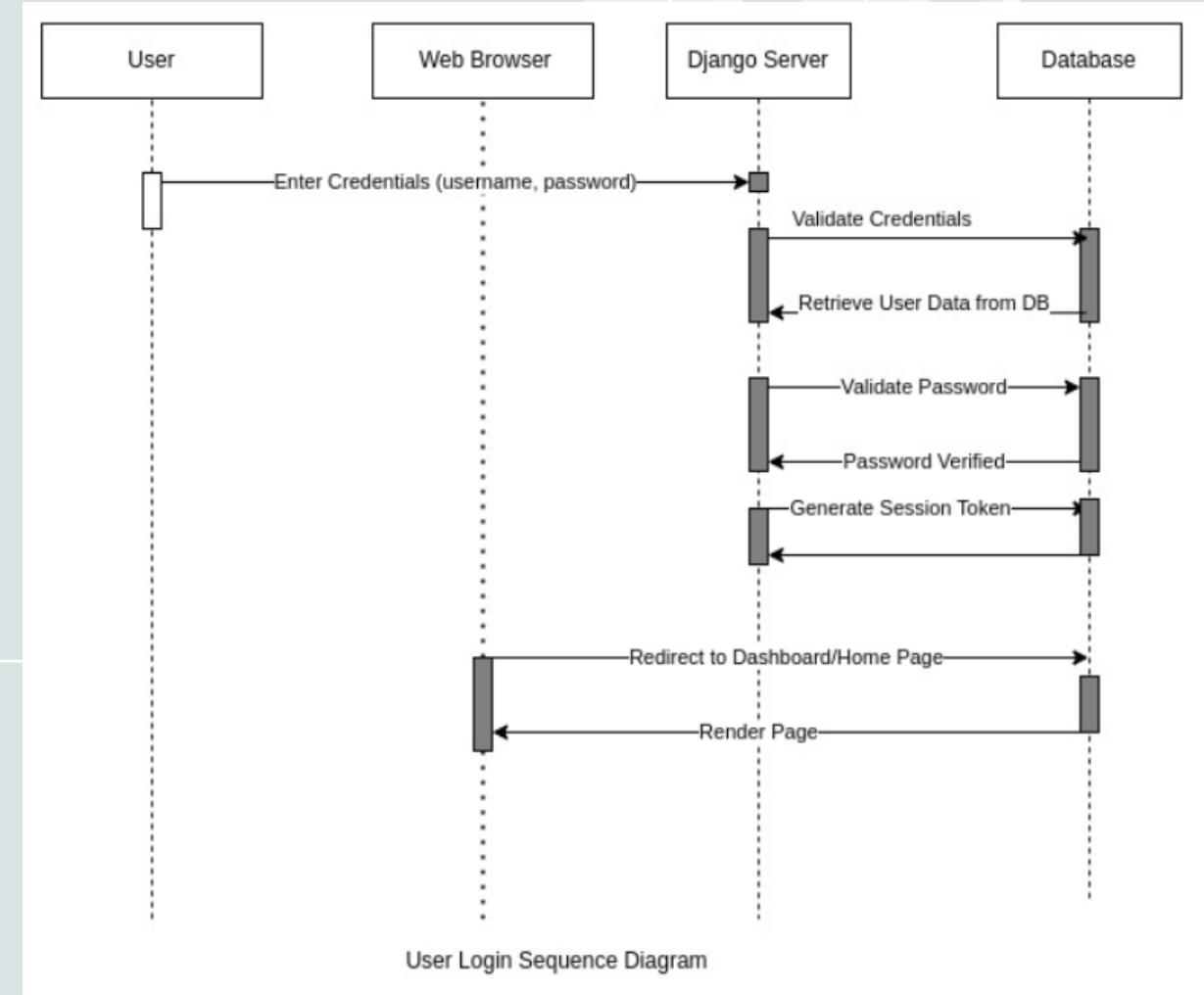
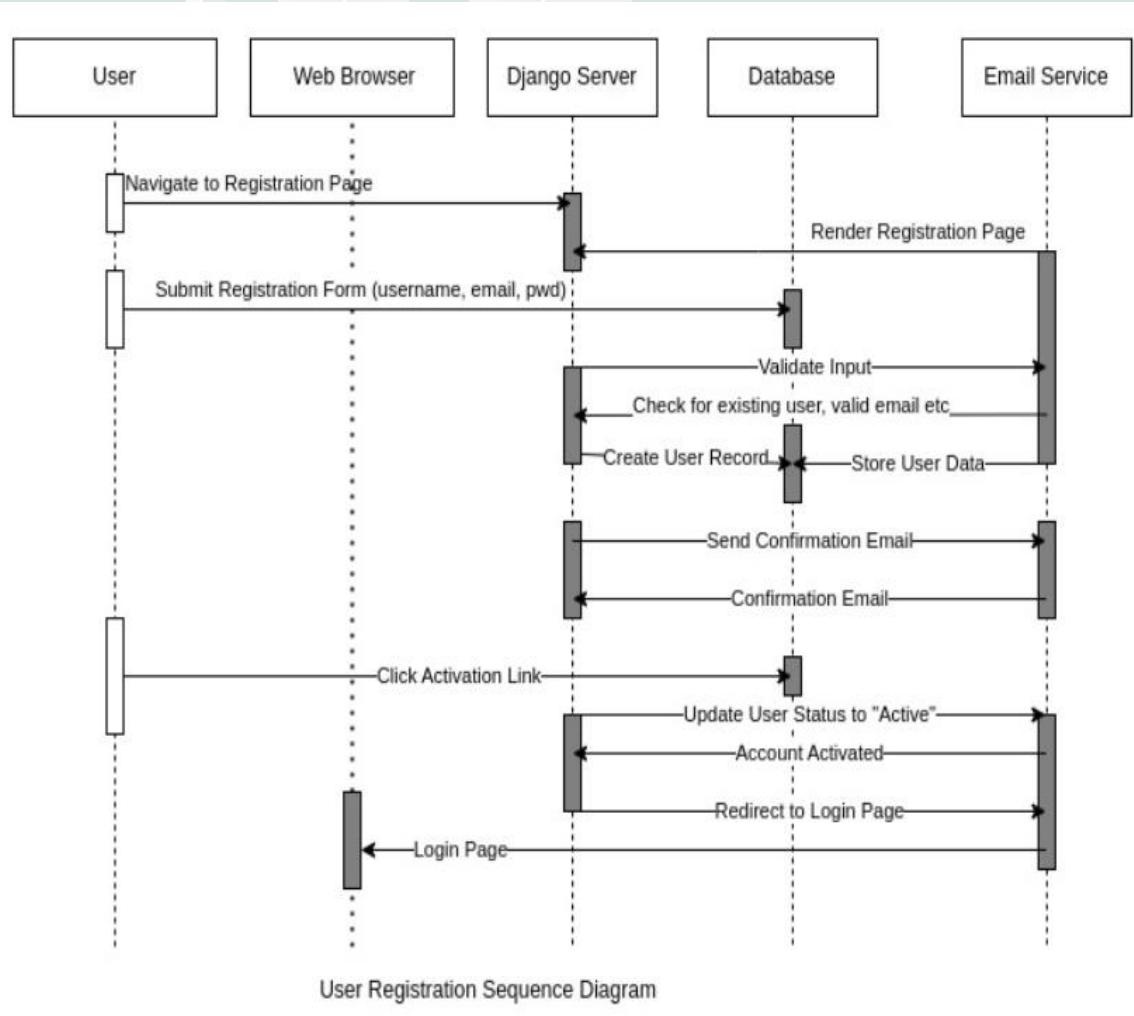
fig: User Registration Activity Diagram



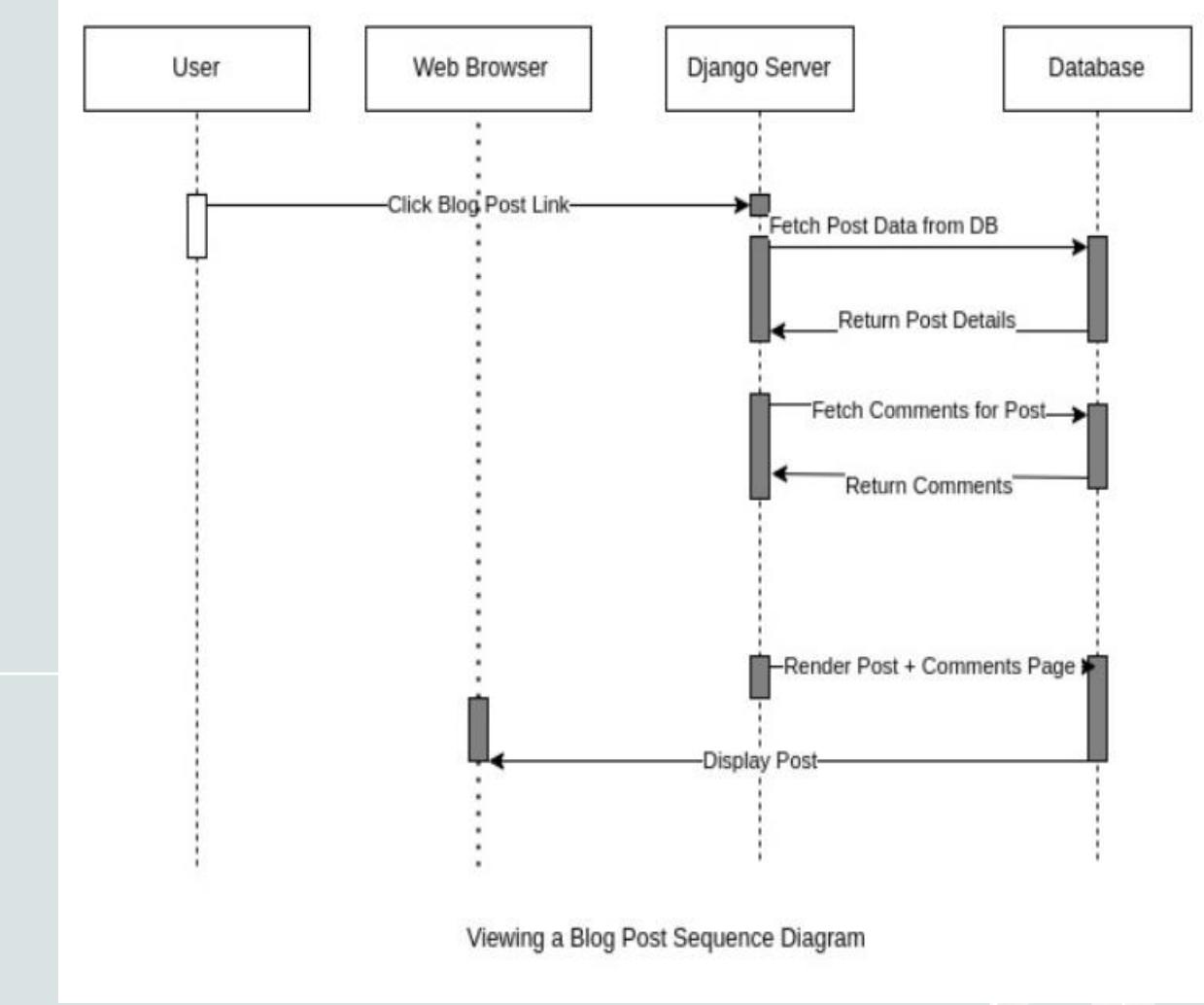
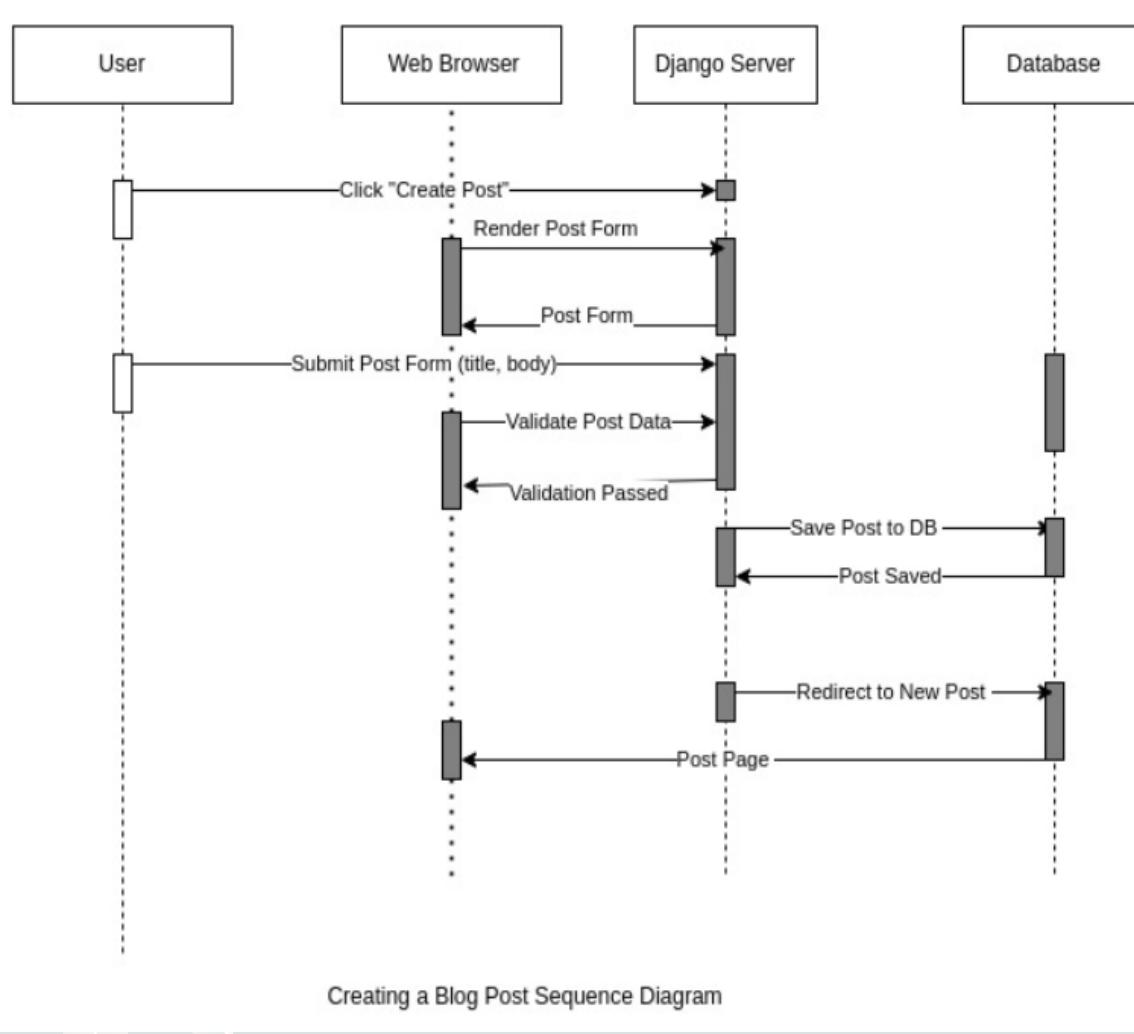
Activity Diagrams



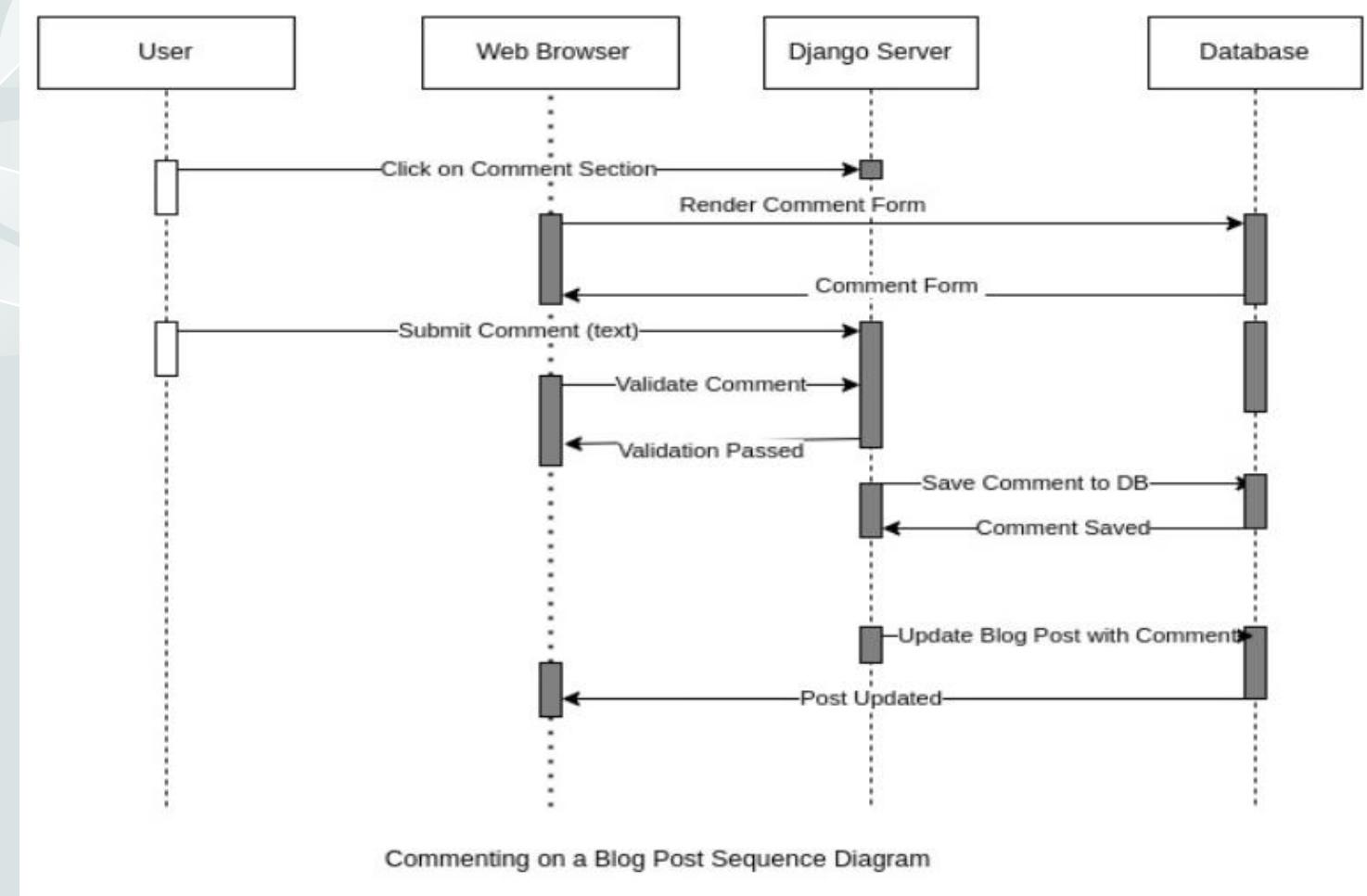
Sequence Diagrams



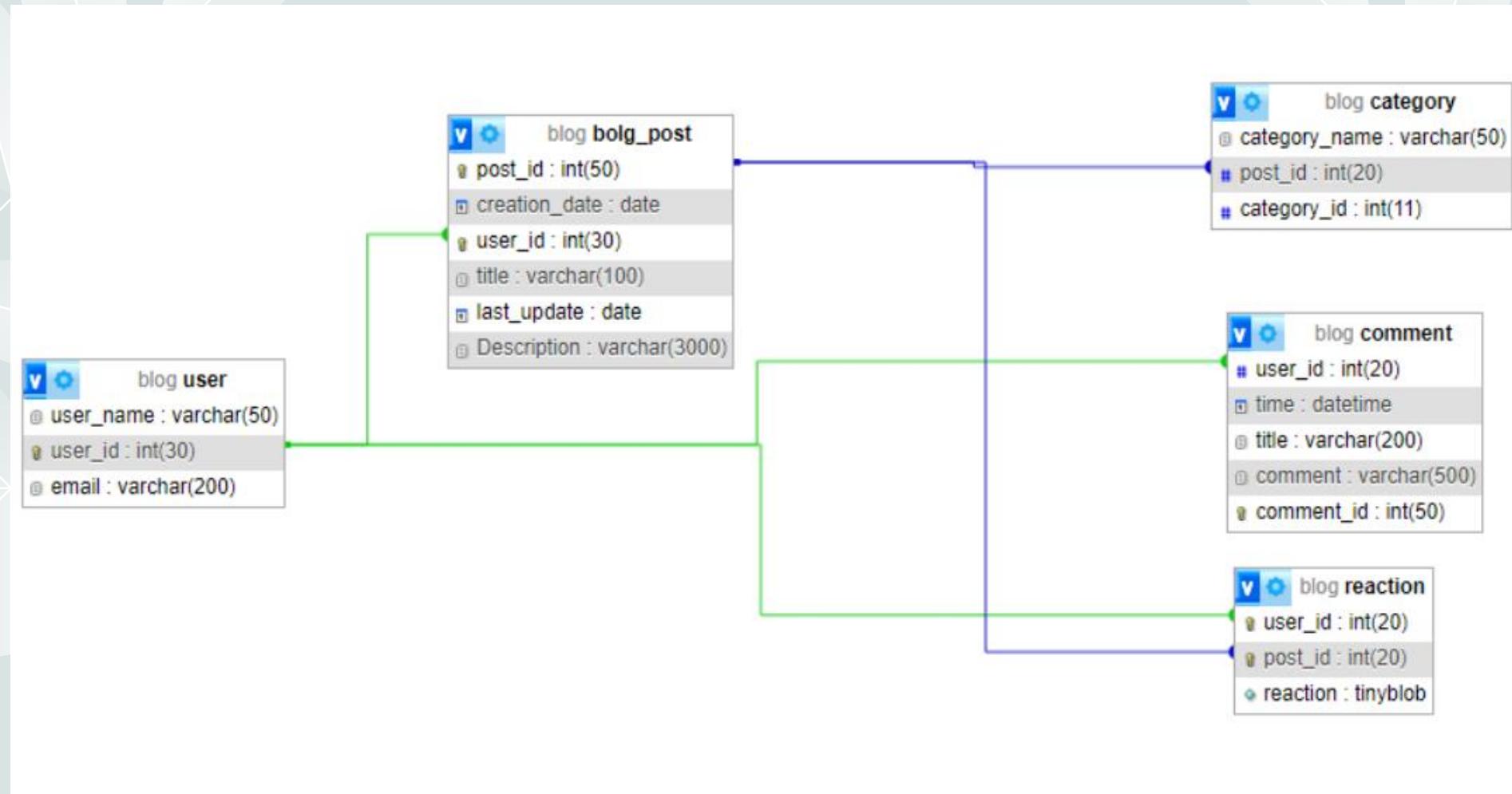
Sequence Diagrams

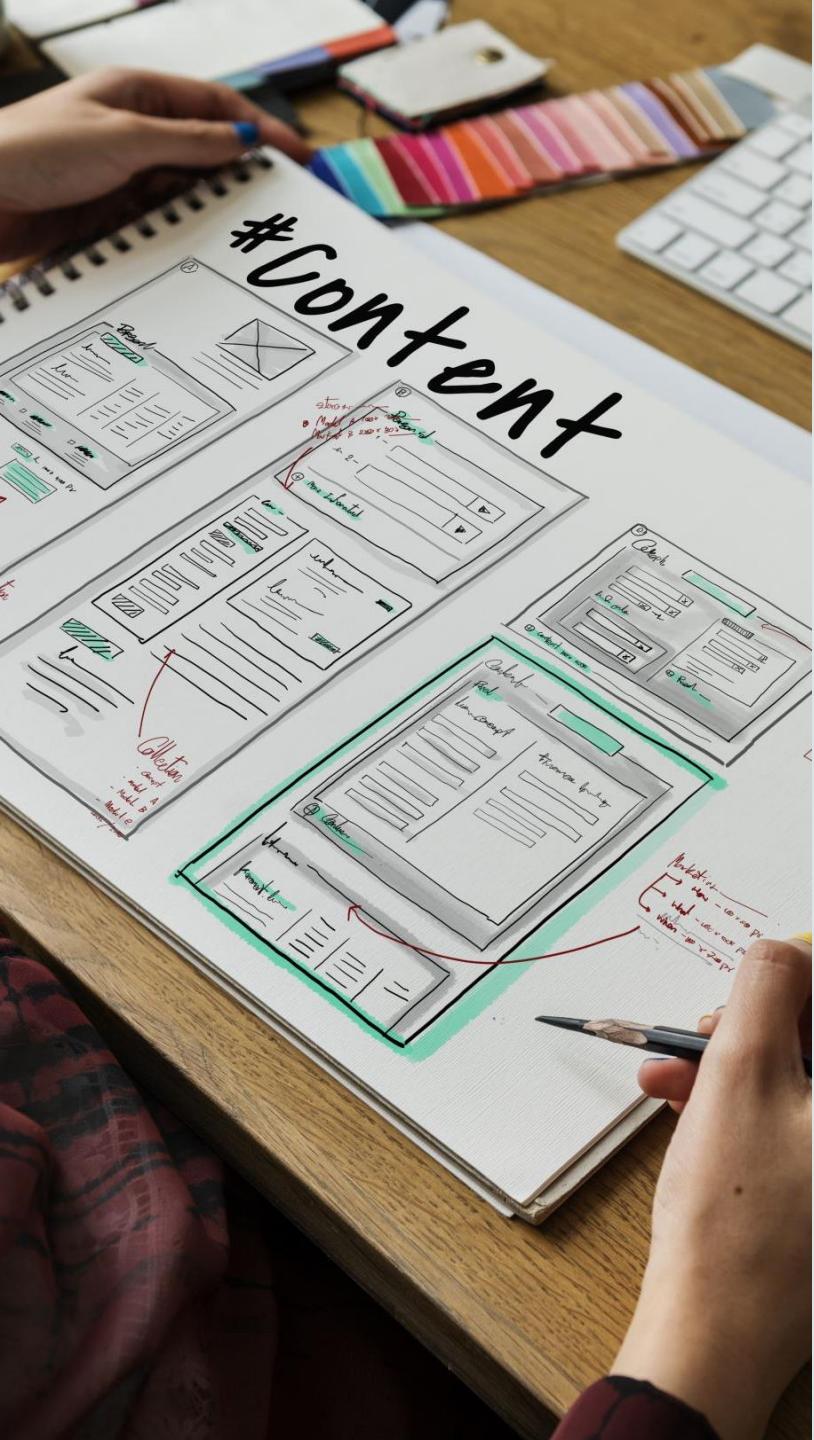


Sequence Diagrams



Database Relationship

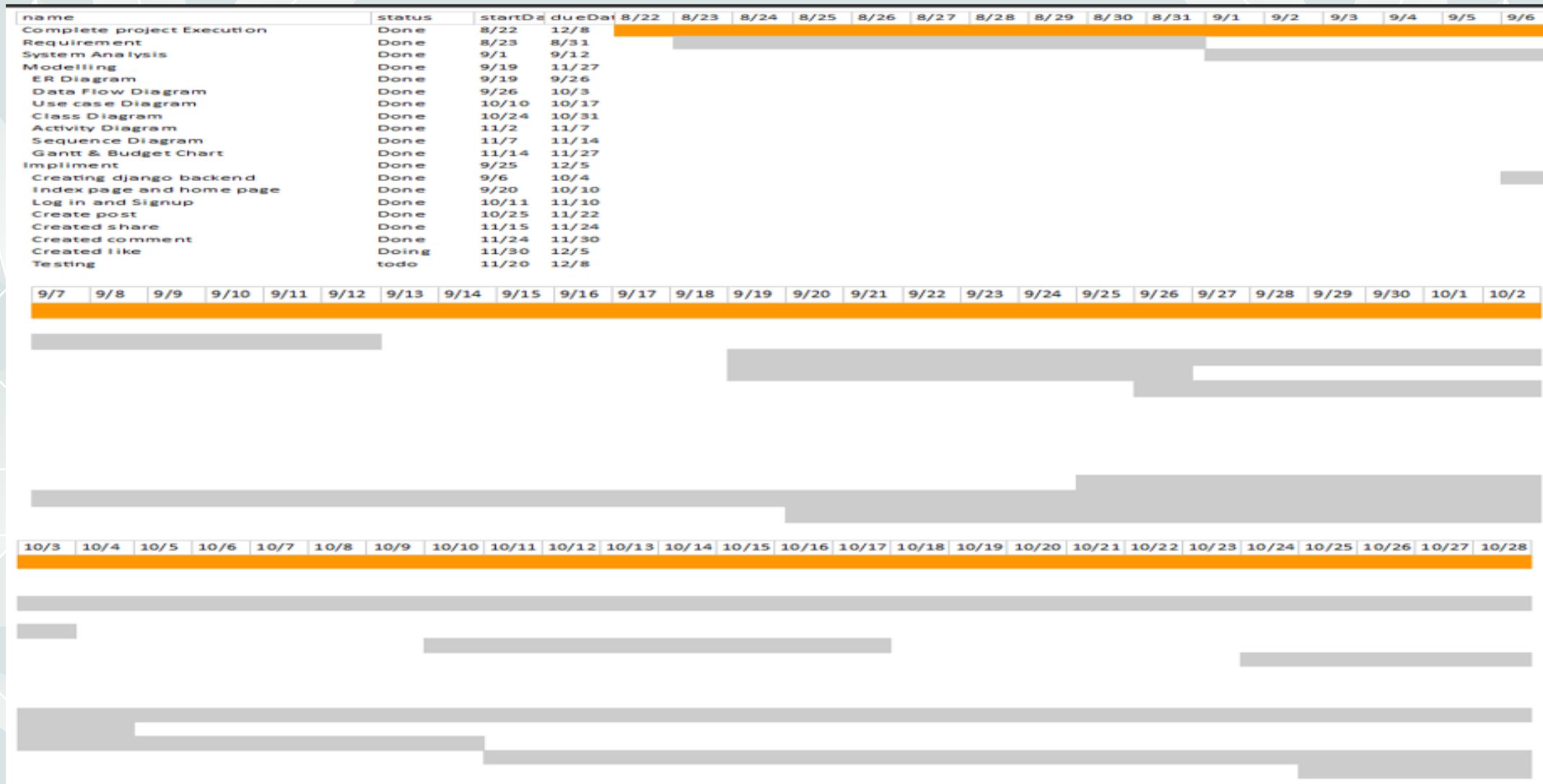




- Gantt Chart
- Budget Sheet



Gantt Chart



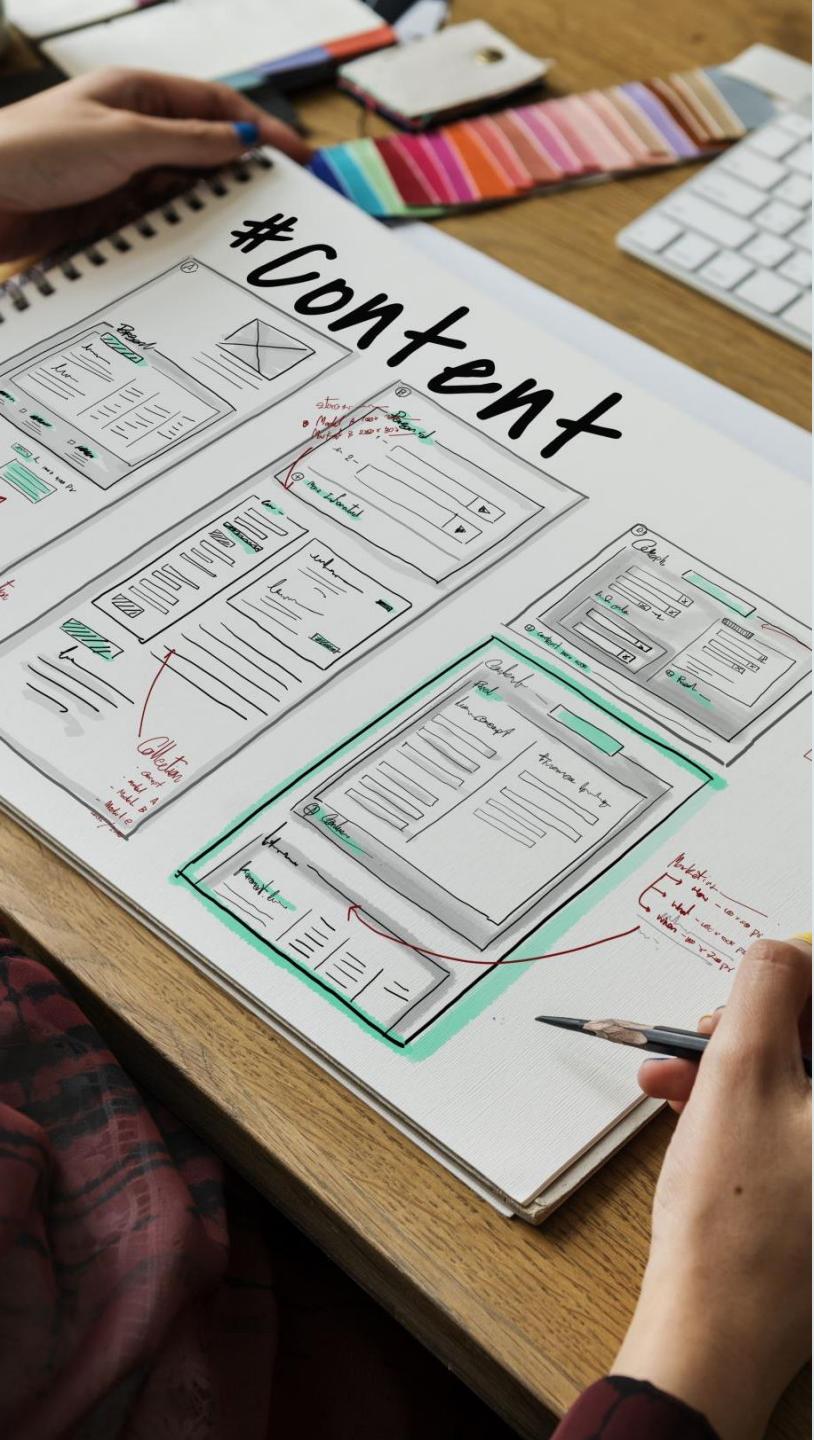
Gantt Chart



Budget Sheet

Estimated Budget for Django Based Online Blogging Website.

| Category | Description | Estimated Cost | Notes |
|--------------------------------|--|----------------|--|
| 1. Development Tools | Tools and software for coding (IDEs, text editors) | \$100 | Budget for paid tools if needed. |
| 2. Web Hosting | Cost of hosting the blog (AWS, Heroku, DigitalOcean) | \$200 | Monthly cost of hosting. |
| 3. Domain Name | Purchase of the domain name (e.g., example.com) | \$20 | Annual cost of the domain. |
| 4. Design & UI/UX Tools | Subscription to design tools (Canva Pro) | \$50 | If using premium design tools. |
| 5. Third-party APIs/Services | Subscription to third-party APIs (Google Maps, Mailchimp) | \$60 | For blog features like email subscription. |
| 6. Development Team Labor | Developer salaries or hourly wages (if outsourced) | \$3,500 | Hourly rate or fixed cost of developers. |
| 7. Testing and QA | Cost of testing services or tools (paid testing software) | \$100 | If using professional testers or tools. |
| 8. Marketing and Promotion | Budget for digital marketing (ads, SEO tools) | \$150 | For online advertising. |
| 9. Miscellaneous | Any unforeseen expenses (additional resources, extra licenses) | \$50 | Unplanned costs. |
| 10. Contingency Fund | Set aside for unforeseen issues and emergencies | \$200 | Reserve funds for project issues. |
| Total Estimated Budget: | | \$4,430 | |



Project Overview(Screenshots)



Project Screenshot

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The screenshot shows a minimalist website for 'Curio'. At the top left is a teal sidebar with a white 'C' icon. At the top center are navigation links: 'Posts' (with a document icon) and 'Categories' (with a tag icon). On the far right are a pencil icon and a user profile icon. The main content area has a teal background. On the left, there's a welcome message: 'Hi there! Welcome to **Curio**', followed by a description: 'A Minimal & Comfotable site to share your story, thoughts & adventure logs.' with a small purple heart icon. In the center is a large, ornate circular logo with a black border. Inside the circle, the word 'CURIO' is written in large, bold, white serif letters, flanked by decorative scrollwork. Above 'CURIO' is the text 'Archive of' and below it is 'Curious Quests'. At the bottom left is a large, bold 'Posts' button with a document icon. At the bottom right is a watermark: 'Activate Windows Go to Settings to activate Windows.'

Hi there! Welcome to
Curio

A Minimal & Comfotable site to share your story, thoughts & adventure logs.♥

Archive of
CURIO
Curious Quests

Posts

Activate Windows
Go to Settings to activate Windows.

Project Screenshot

21

The screenshot displays a user interface for a web application. At the top, there is a navigation bar with a teal header. On the left of the header is a black square icon containing a white letter 'C'. To the right of the icon are two links: 'Posts' and 'Categories', each accompanied by a small icon. On the far right of the header are two more icons: a pencil and a person. Below the header, the main content area has a teal gradient background. The word 'Sign Up' is prominently displayed in a large, bold, dark font. Below this, there is a white rectangular form containing three input fields: 'Username', 'Password', and 'Confirm Password', each with its own input box. At the bottom of the form is a green button labeled 'Sign Up'. The overall design is clean and modern.

C

Posts Categories

Sign Up

Username

Password

Confirm Password

Sign Up

Activate Windows
Go to Settings to activate Windows.

Project Screenshot

The screenshot shows a web-based application interface. At the top left is a dark blue sidebar with a white 'C' icon. To its right are two navigation links: 'Posts' with a document icon and 'Categories' with a tag icon. On the far right of the top bar are a pencil icon and a user profile icon. The main content area has a teal header with the word 'Login' in large, bold, black font. Below the header is a white rectangular form containing two input fields: 'Username' and 'Password', each with a corresponding empty text input box. A green 'Login' button is centered below these fields. In the teal footer, there is a link 'New Here?' and a blue button labeled 'Create an Account'. The bottom right corner of the footer contains a watermark: 'Activate Windows' and 'Go to Settings to activate Windows.'

C

Posts Categories

Login

Username

Password

New Here?

Create an Account

Activate Windows
Go to Settings to activate Windows.

Project Screenshot

The screenshot shows a user interface for creating a new post or story. At the top, there is a navigation bar with a 'C' icon, 'Posts', 'Categories', and edit/account icons. The main title 'Write Your Story' is displayed prominently in a large, bold, dark font. Below the title, there are several input fields and sections:

- Title:** A text input field containing the placeholder 'Give a Cool Title!'.
Input field: Give a Cool Title!
- Categories:** A dropdown menu showing 'Technology' and 'Life'.
Dropdown menu: Technology ▾
Options: Technology, Life
- Upload an Image:** A file upload section with a 'Choose File' button and a message 'No file chosen'.
Input field: Choose File No file chosen
- Content:** A text area with the placeholder 'Tell us your Awesome Story!'.
Text area: Tell us your Awesome Story!

In the bottom right corner of the main content area, there is a watermark-like message: 'Activate Windows Go to Settings to activate Windows.'

Project Screenshot

The screenshot shows a website interface with a header bar containing a profile icon, navigation links for 'Posts' and 'Categories', and user icons for edit and profile.

Posts

My Adventure to Another Universe!

Dec. 10, 2024 | Categories:

Adventure

It was a chilly autumn evening when I stumbled upon the forgotten path hidden deep in the forest behind my house. Leaves crunched underfoot, and the scent of moss and damp earth filled the air. The setting sun cast long, wavering shadows, and a strange energy pulsed around me, as if the forest itself was holding its breath. I had always known that forest to be mysterious, but tonight, it whispered... [More](#)

What is CTF?

Dec. 10, 2024 | Categories:

Cyber Security

CTF stands for Capture The Flag. It is a type of competition designed to challenge participants' skills in various aspects of cybersecurity and ethical hacking. CTFs are popular among cybersecurity enthusiasts, professionals, and students as a way to learn and test their skills in a practical, competitive environment. Key Points About CTFs: Competition Format: CTFs are

Project Screenshot

The screenshot shows a website interface with a light blue header bar. On the left is a dark blue sidebar with a white 'C' icon. In the top right corner of the header are icons for a pencil and a user profile. Below the header, the word 'Categories' is displayed in a large, bold, dark blue font. Underneath it, there is a horizontal row of six teal-colored buttons, each containing a category name: Adventure, Cyber Security, Life, Nature, Science, and Technology. To the right of these buttons is a large, semi-transparent gray overlay. Inside this overlay, the word 'Adventure' is written in a large, bold, dark blue font. Below it is a post card with the title 'My Adventure to Another Universe!' in blue. Underneath the title is the date 'Dec. 10, 2024 | Categories:' followed by a dark blue button labeled 'Adventure'. The main body of the post describes a scene in a forest, mentioning fallen leaves, moss, and a setting sun. A blue 'More' button with a white arrow is at the bottom right of the card. At the very bottom of the page, there is a dark blue footer bar with the text 'Cyber Security' on the left and two small, faint white links on the right: 'Activate Windows' and 'Go to Settings to activate Windows.'

C Posts Categories

Categories

Adventure Cyber Security Life Nature Science Technology Travel

Adventure

My Adventure to Another Universe!

Dec. 10, 2024 | Categories:

Adventure

It was a chilly autumn evening when I stumbled upon the forgotten path hidden deep in the forest behind my house. Leaves crunched underfoot, and the scent of moss and damp earth filled the air. The setting sun cast long, wavering shadows, and a strange energy pulsed around me, as if the forest itself was holding its breath. I had always known that forest to be mysterious, but tonight, it whispered... [More](#)

Cyber Security

Activate Windows
Go to Settings to activate Windows.

Project Screenshot

The screenshot shows a blog interface. At the top, there's a navigation bar with a profile icon, 'Posts' (with a count of 1), 'Categories' (with a count of 1), and edit/account icons. Below the bar is a prominent pink header with the title 'My Adventure to Another Universe!' in bold black font. The main content area has a teal background. It displays the date 'Dec. 10, 2024' and the category 'Categories: Adventure'. The main text begins with a descriptive paragraph about stumbling upon a forgotten path in a mysterious forest. Below it, another paragraph continues the narrative, mentioning a narrow, winding trail veiled by ivy and glowing mushrooms.

Dec. 10, 2024 | Categories:

Adventure

It was a chilly autumn evening when I stumbled upon the forgotten path hidden deep in the forest behind my house. Leaves crunched underfoot, and the scent of moss and damp earth filled the air. The setting sun cast long, wavering shadows, and a strange energy pulsed around me, as if the forest itself was holding its breath. I had always known that forest to be mysterious, but tonight, it whispered secrets I had never heard before.

The path seemed to appear from nowhere, a narrow, winding trail veiled by ivy and glistening mushrooms that glowed faintly in the dim light. Compelled by curiosity, I pushed forward, my heart pounding with an unfamiliar mixture of excitement and trepidation. The further I went, the more the world around me seemed to shift. The trees, once towering and rooted, began to stretch and twist, their branches weaving together to form an archway.

Project Screenshot

The screenshot shows a web application interface. At the top, there's a navigation bar with a 'C' icon, 'Posts', 'Categories', and user icons. Below the navigation, a teal header features a red heart icon and the number '1'. A large, bold 'Leave a comment:' heading is centered. Below it is a form with a 'Your Name' input field containing 'GreenPotatoGuy' and a text area with placeholder text 'Leave a cool comment!'. A teal 'Submit' button is at the bottom of the form. Below the form, a purple rounded rectangle contains the word 'Comments:' in white. To the right of 'Comments:', there's a small 'Activate Windows' watermark. At the very bottom, a teal footer bar displays a profile icon and the text 'On Dec. 10, 2024 GreenPotatoGuy wrote:'.

1

Leave a comment:

Your Name
GreenPotatoGuy

Leave a cool comment!

Submit

Comments:

Activate Windows

On Dec. 10, 2024 GreenPotatoGuy wrote:

Project Screenshot

The screenshot shows a user profile interface. At the top, there's a navigation bar with a 'C' icon, 'Posts', 'Categories', and edit/account icons. The main title 'Your Profile' is centered above a 'User Information' section. This section displays the username 'zen', email 'zen@zen.zen', and a message stating 'You have not set up your profile yet.' Below this, a teal sidebar features a walking icon and the text 'Wanna head out for a walk?'. A blue 'logout' button is located in the center of the sidebar. At the bottom right, there's a watermark for 'Activate Windows'.

C Posts Categories

Your Profile

User Information

Username: zen

Email: zen@zen.zen

You have not set up your profile yet.

Wanna head out for a walk?

logout

Activate Windows
Go to Settings to activate Windows.



Questions?





Thank you

