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**DATE:01/10/2025**

**Completed the project name as**

**Phase 5**

**NAME : Blogging Platform**

**SUBMITTED BY**

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# Final Demo Walkthrough

## Step-by-Step Flow

1. User registers or logs in
2. Creates and publishes a post
3. Readers view and engage
4. Admin moderates content
5. Analytics dashboard updates metrics

## Objective

To develop a secure, scalable, and user-friendly blogging platform that empowers creators and enhances audience engagement.

## Technologies Used

Frontend: React.js

Backend: Node.js (Express)

Database: HTML, PYTHON

APIs: RESTful

Hosting: Netlify / Vercel

## Architecture Overview

A modular MVC-based architecture integrating:

Client (React)

Server (API via Node/Express)

Database (HTML, PYTHON )

Connected via REST APIs for efficiency and scalability.

## Advantages

- 1.Intuitive user experience
- 2.Secure authentication
- 3.Responsive design
- 4.Scalable and maintainable structure
- 5.Easy third-party integrations

## Real-World Applications

- 1.Personal and professional blogs
- 2.Educational platforms
- 3.News and media portals
- 4.Corporate content hubs
- 5.Community discussion forums

## Source Code

```
<html>
```

```
  <head>
```

```
    <title>Mini Blog</title>
```

```

<style>

    Body {font-family: Arial; background: #101827; color:
#e4e4e7; margin: 40px;}

    A {color: #67e8f9; text-decoration: none;}


    .post {background: #1e293b; padding: 15px;
borderradius: 10px; margin-bottom: 15px;}

    .btn {background: #67e8f9; color: black; padding: 6px
12px; border-radius: 6px;}

</style>

</head>

<body>

    <h1>  Mini Blogging Platform</h1>

    <a href="{{ url_for('create_post') }}" class="btn">New
Post</a>

    <hr>

    {% for post in posts %}

    <div class="post">

        <h2>{{ post['title'] }}</h2>

        <p>{{ post['content'][:200] }}...</p>

        <a href="{{ url_for('view_post', index=loop.index0)
}}">Read More</a>

```

```
</div>

{% else %}

    <p>No posts yet. <a href="{ url_for('create_post')
}">Create one</a>!</p>

{% endfor %}

</body>

</html>
```

```
<html>

<head><title>{{ post['title'] }}</title></head>

<body style="font-family: Arial; background: #0f172a;
color: #f8fafc; margin: 40px;">

    <h1>{{ post['title'] }}</h1>

    <p>{{ post['content'] }}</p>

    <a href="/">← Back</a>

</body>

</html>
```

```
<html>

<head>

  <title>Create Post</title>

  <style>

    Body {font-family: Arial; background: #0f172a; color:
#f8fafc; margin: 40px;}

    Input, textarea {width: 100%; padding: 10px;
margintop: 8px; border-radius: 6px; border: none;}

    Textarea {height: 200px;}

    .btn {background: #67e8f9; color: black; padding: 8px
14px; border-radius: 6px; margin-top: 8px;}

  </style>

</head>

<body>

  <h1>New Post</h1>

  <form method="post">

    <input name="title" placeholder="Post title"
required><br>

    <textarea name="content" placeholder="Write your
content here..." required></textarea><br>
```

```
<button type="submit" class="btn">Publish</button>  
</form>  
<a href="/">← Back</a>  
</body>  
</html>
```

**Screenshot**



Mini Blog



index.html



Mini Blog

No posts yet. [Create one!](#)

{% endfor %}

{{ post['title'] }}

{{ post['content'] }}

[← Back](#)

## New Post

Write your content here...

Publish

[← Back](#)





