BLOG APP DOCUMENTATION

HOW TO CREATE   BUILDING A BLOG APP

COLLEGE NAME : SRI VENKATESWRA INSTITUTE OF TECHNOLOGY

TEAM ID : LTVIP2023TMID08360

TEAM LEADER : SOWMYA YEDDULA

TEAM MEMBER : TEJASWI VASAM

TEAM MEMBER : Y. MARYKEERTHANA

TEAM MEMBER : YERRAGUNTA CHENNAKESAVA REDDY

INTRODUCTION

The Blog App is a web application built using Python and Flask, designed to allow users to create and read blog posts. The application follows the client-server architecture and is intended for personal blogging purposes. Users can access the app through their web browsers and interact with the user interface to view existing blog posts, read individual posts, and create new blog entries.

FEATURES

The Blog App offers the following features:

- Home Page: The home page displays a list of existing blog posts in chronological order. Each blog post is represented by its title, and users can click on a title to view the full content of the post.
- Individual Post Page: Clicking on a blog post's title takes the user to a dedicated page displaying the full content of the selected post. Users can easily navigate back to the home page from this view.
- Create Post: Users can create new blog posts by clicking on the "Create Post" link in the navigation bar. The creation page includes fields for entering the post title and content. Upon submission, the new post is added to the list of existing posts and becomes visible on the home page.
- User-Friendly Interface: The app's user interface is designed to be simpintuitive, and responsive for a seamless user experience across various devices.

BLOG APP DOCUMENTATION

INSTALLATION AND SETUP

To run the Blog App locally, follow these steps:

Install Python: Ensure you have Python installed on your system. You can download Python from the official website (https://www.python.org/) and follow the installation instructions.

Install Flask: Open a terminal (or command prompt) and run the following command to install Flask:

Clone the Repository: Clone or download the Blog App project repository from the GitHub page (if available) or set up the project structure as described in the previous sections.

Run the App: Navigate to the project directory containing **app.py**. In the terminal, run the following command:

The Flask development server will start, and you can access the app by visiting **http://localhost:5000** in your web browser.

PROJECT STRUCTURE

The Blog App project has the following structure:

app.py: The main Flask application file containing the app's routes and logic.

templates/: Directory holding HTML templates for rendering pages.

static/: Directory for static files, such as CSS stylesheets and images.

CONCLUSION

The Blog App is a straightforward web application built with Flask, providing users with a platform to create and read blog posts. Its simplicity makes it an excellent starting point for learning web development with Flask and can be extended to add more features like user authentication, comments, and search functionality. Remember to follow best practices for production deployment and security when making the app publicly accessible.