

MicroBlog Application Features

1. Introduction

The MicroBlog application is a simple blogging platform that allows users to register, log in, create posts, like posts, and view their profile with a list of their posts. This document outlines the features that are fully operational and those that are still under development, providing a brief explanation of each feature's functionality and status.

2. Fully Operational Features

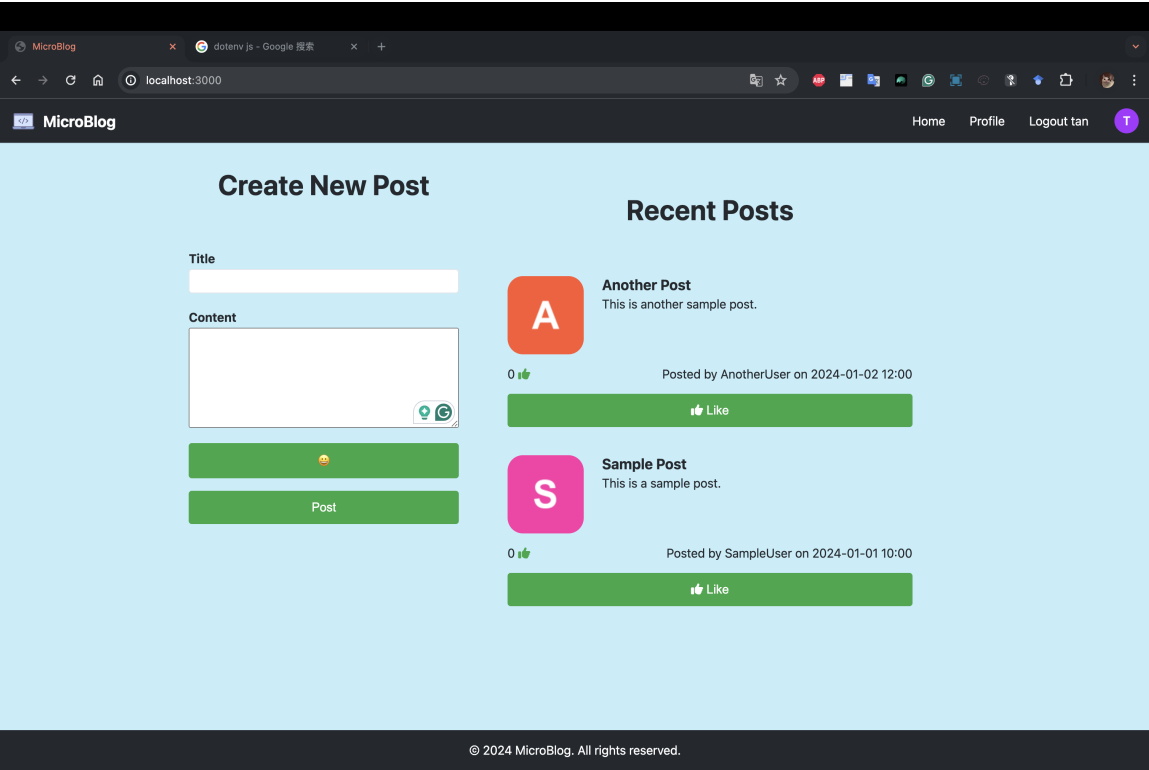
- User Registration: Users can register for an account by providing a unique username. Registration checks if the username already exists and provides feedback if it does. Successful registration logs the user in and redirects them to the homepage.
- User Login: Users can log in with their registered username. Login checks if the username exists and provides feedback if it does not. Successful login redirects the user to the homepage.
- Post Creation: Logged-in users can create new posts by providing a title and content. Posts are added to the list of recent posts and displayed on the homepage.
- Like Posts: Users can like posts by clicking the like button. The number of likes is updated and displayed in real-time.
- Profile Page: Logged-in users can view their profile, which displays their username, avatar, membership date, and a list of their posts. Users can see their own posts and interact with them (like or delete).
- Avatar Generation: Dynamic avatar generation based on the first letter of the username. Avatars are displayed next to the user's posts and on the profile page.
- Session Management: User sessions are managed to keep users logged in across different pages. Users can log out, which ends the session and redirects them to the login page.

3. Features Under Development

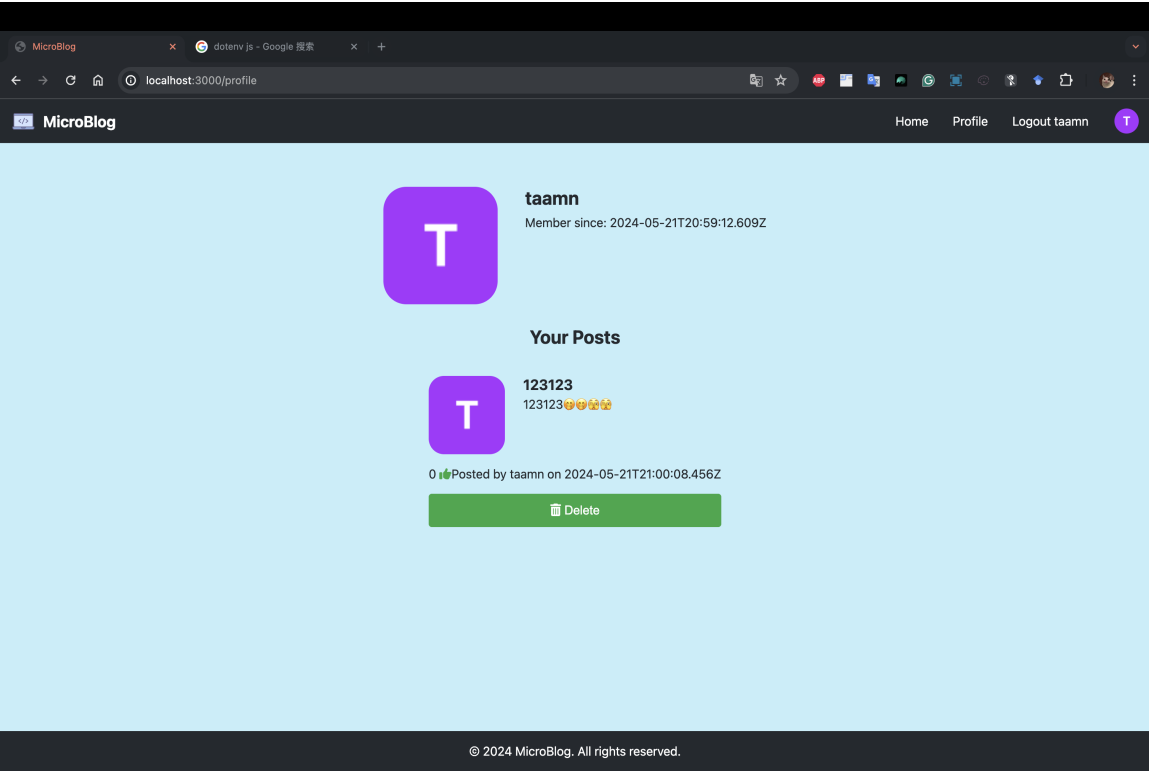
- Improving the CSS: UI still need more style.Lack of morden design for now.
- Detailed Post View: Provide a detailed view of each post when clicked. The route and template for detailed post views need to be implemented.

4. Screenshots

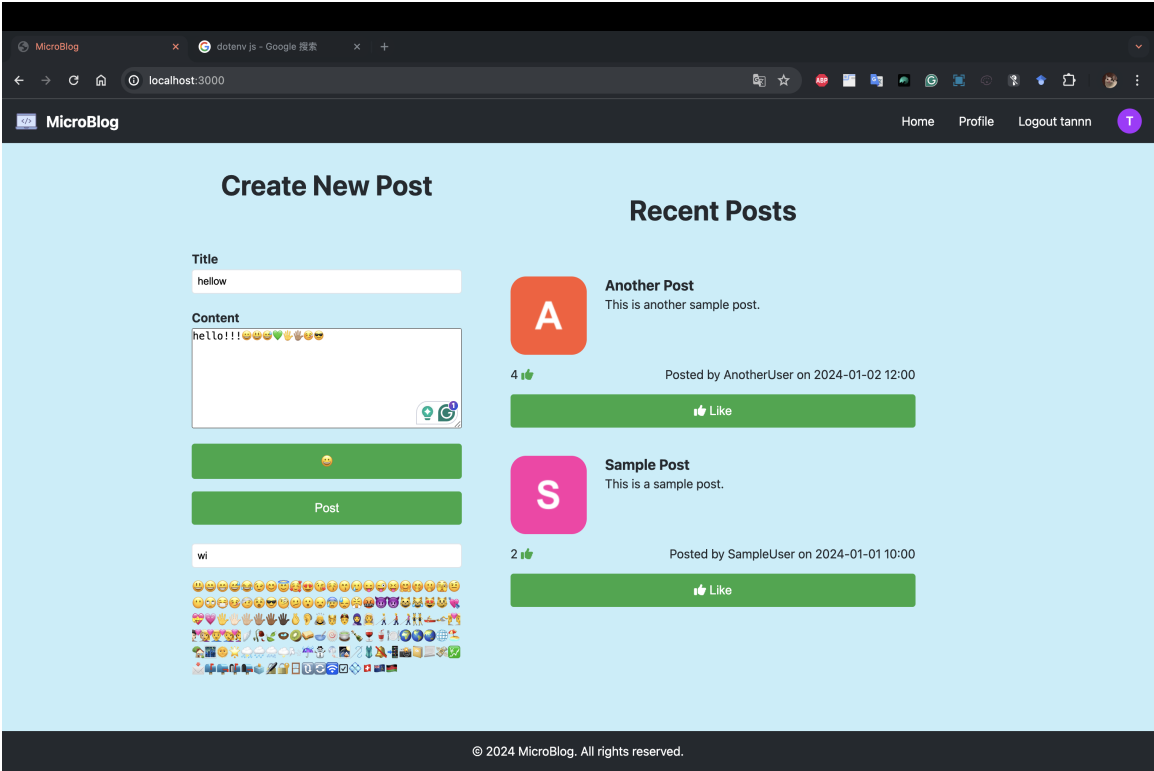
Homepage



User Profile



Create Post



Login/Register

