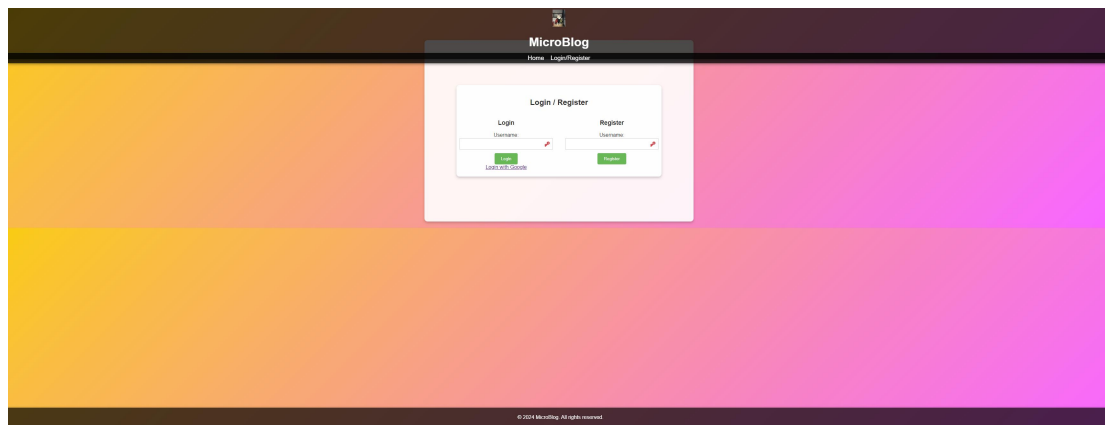


Final Project Report

Navigation Bar: Fixed at the top, improved background and text styling, hover effects on links.

Layout and Background: Gradient background, styled content container with semi-transparent background, rounded corners, and shadow effects.

Buttons: Consistent styling, hover effects for interaction feedback. These enhancements make the application more visually appealing and user-friendly, providing a modern look that aligns with current web design trends.

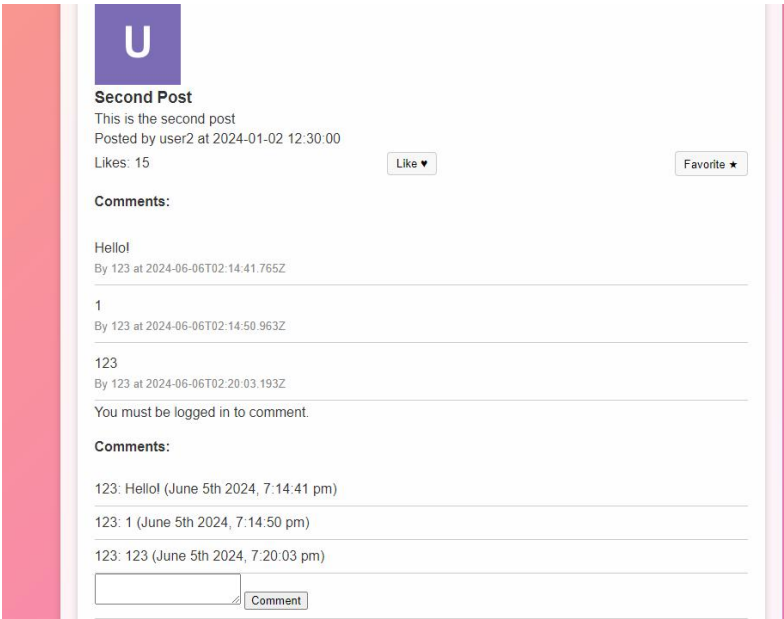


New Features

Added In addition to the CSS enhancements, I implemented several new features to extend the functionality of the microblog application. These features aim to improve user interaction and provide more value to our target audience, which is students engaging in academic discussions. The platform now supports deeper engagement with posts through comments, likes, and favorites.

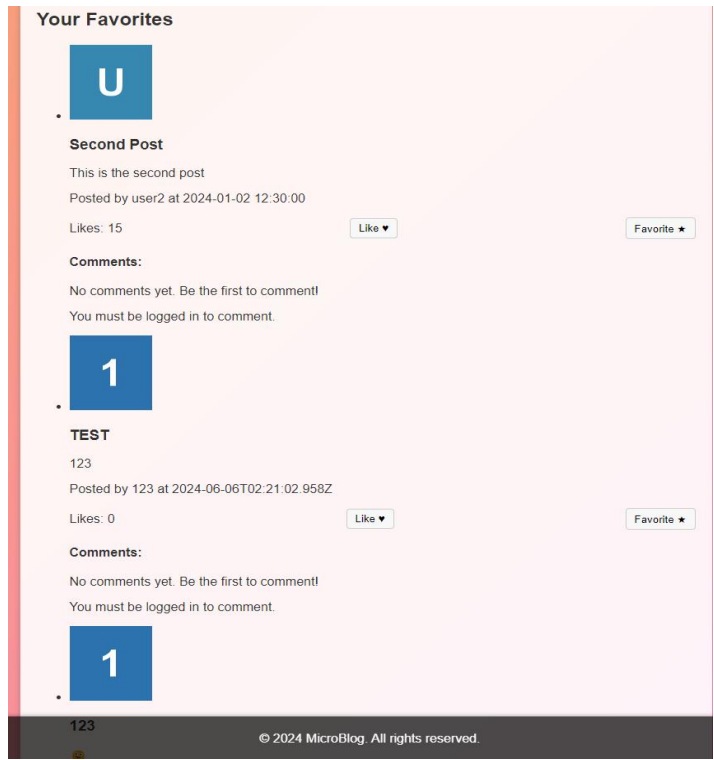
Commenting on Posts

I added a feature that allows users to write comments on posts. Each post now includes a comments section where users can view existing comments and add their own. Comments display the content, the commenter's ID, and the timestamp of when the comment was posted. This encourages interaction and discussion among students, making the platform more engaging and useful for academic discussions.



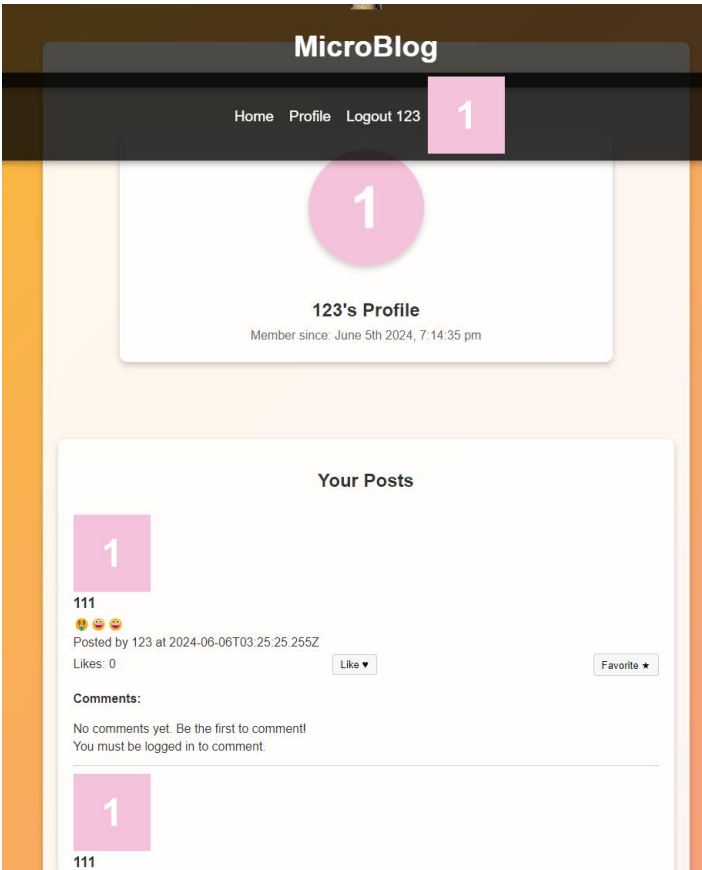
Favoriting Posts

Users can now favorite posts they like. A favorite button is available on each post, and clicking it adds the post to the user's list of favorite posts. Additionally, the system prevents users from favoriting the same post multiple times. This feature helps users keep track of posts they find interesting or valuable and want to revisit later.



Viewing Favorites and Own Posts in Profile

In the user profile, I added sections for viewing the user's own posts and their favorited posts. This allows users to easily manage their content and quickly access the posts they have favorited. The profile page now provides a comprehensive view of the user's activity on the platform, making it easier for them to engage with their academic network.



Due to time constraints, I was unable to implement a third new feature: a "delete all posts" functionality. While this feature could be useful in certain scenarios, it also poses a risk of accidental deletion, which is why it is not commonly found on many blogging platforms. Given the nature of academic discussions and the importance of preserving posts for reference, the decision was made to prioritize features that enhance user interaction and content management over bulk deletion capabilities. This ensures that the platform remains user-friendly and minimizes the risk of unintended data loss.