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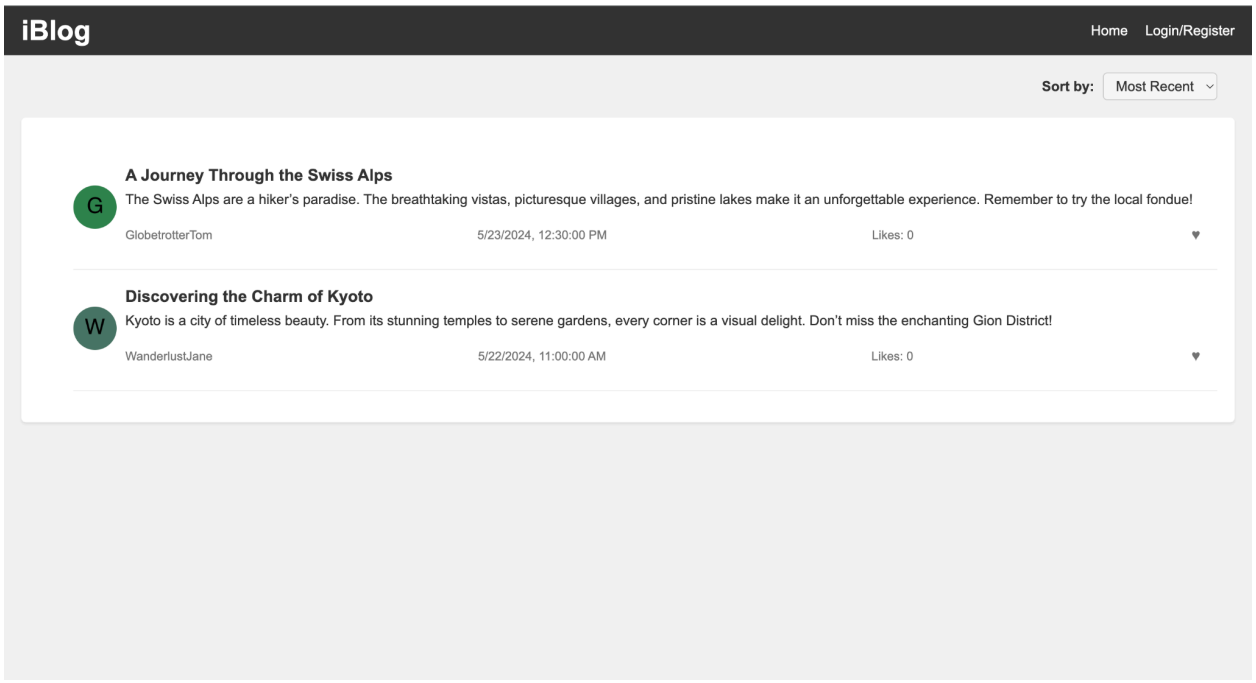
ECS 162 project 3B Report

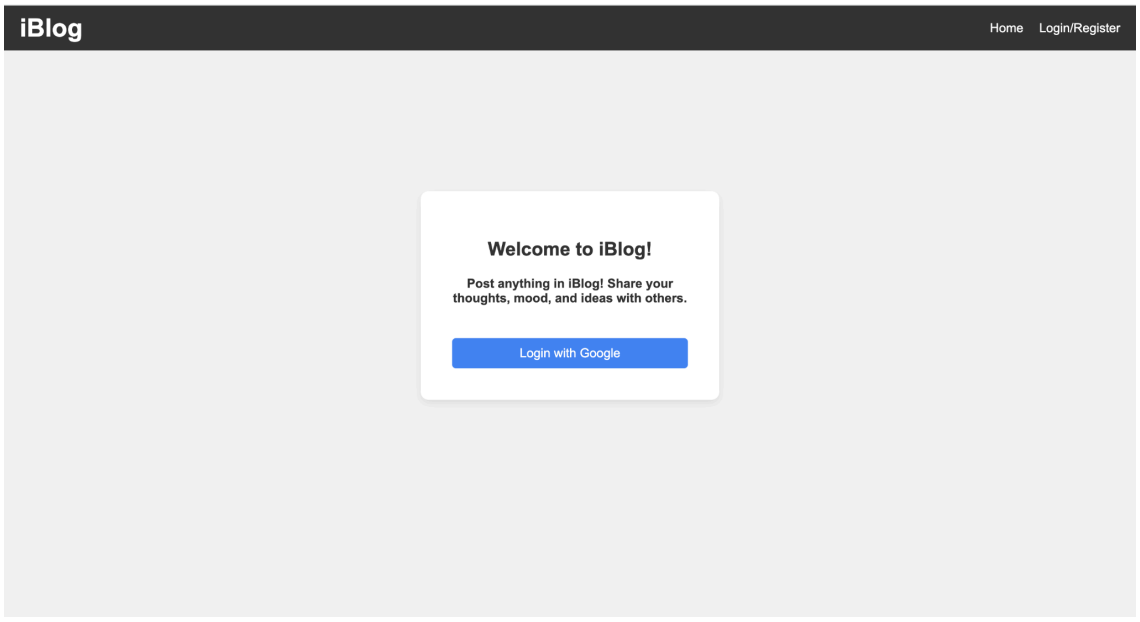
All features required in project 3B are fully operational.

Below are the screenshots of each features:

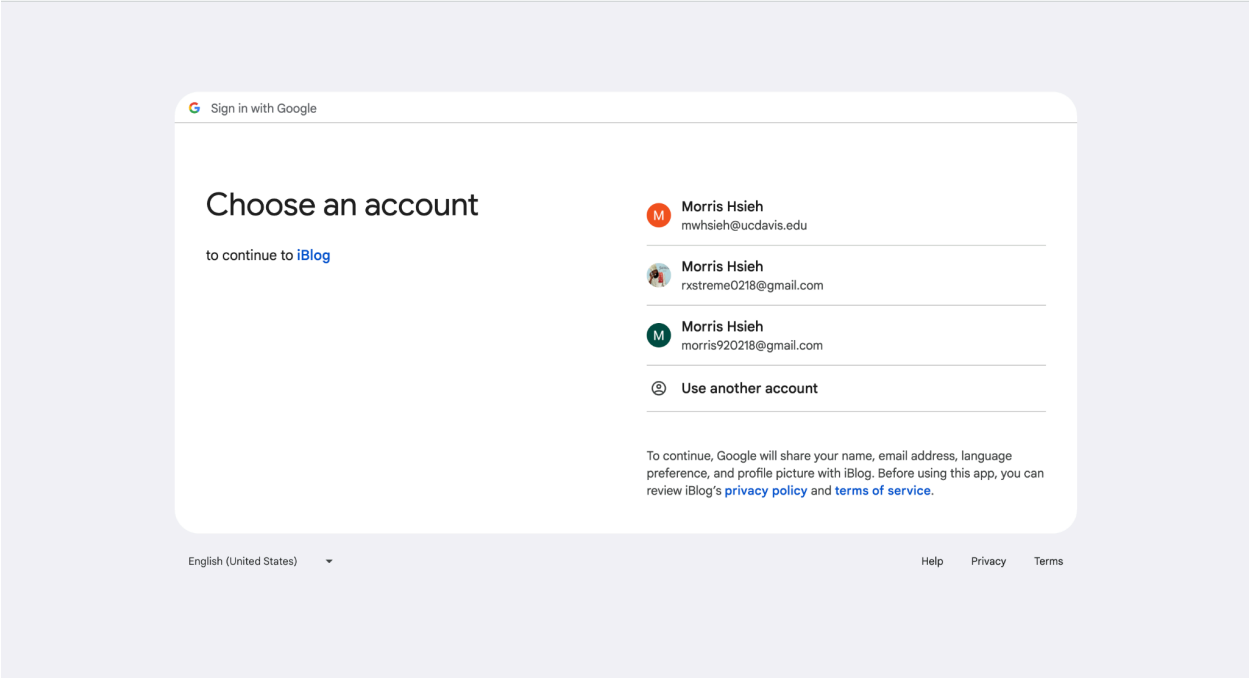
1. Initially when not logged in, the user sees the home page without the post section.

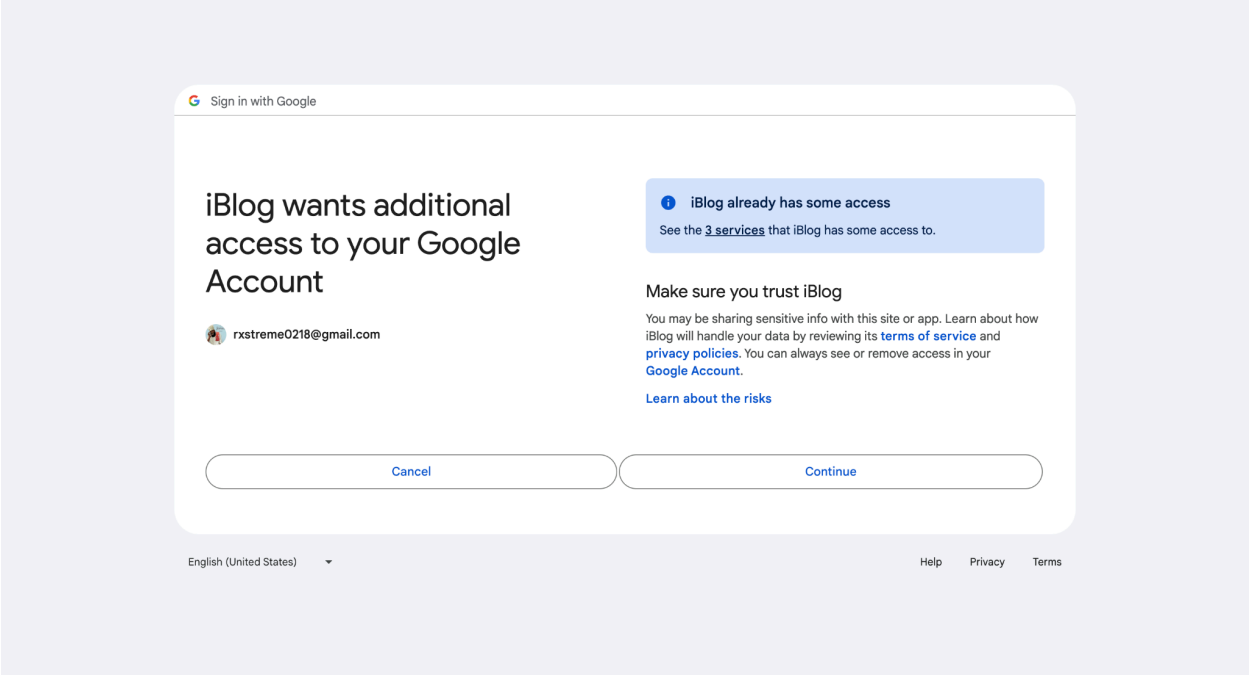


2. When the user tries to log in by clicking the "Login/Register" button on the top-right corner, the page is redirected to the page that allows login with Google account:

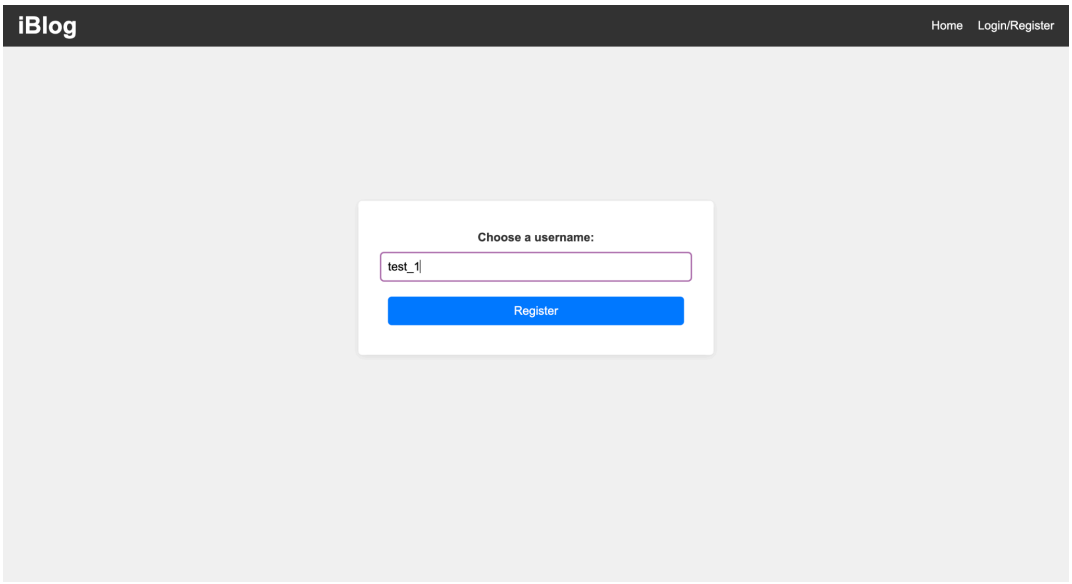


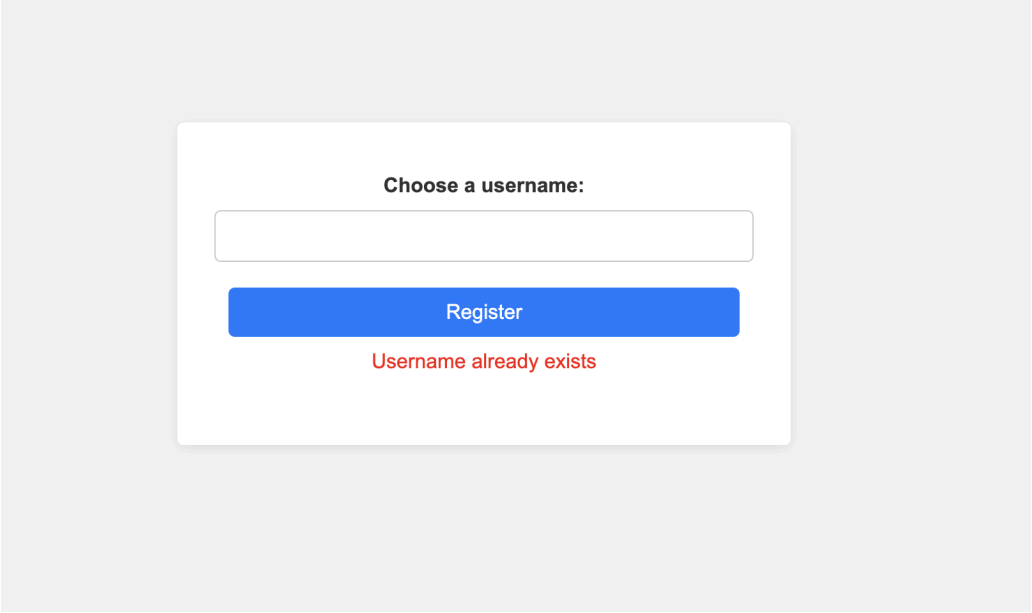
3. The users now need to enter their google account email address and password to pass the Google OAuth step, and they will register themselves an account linked to their google email account:



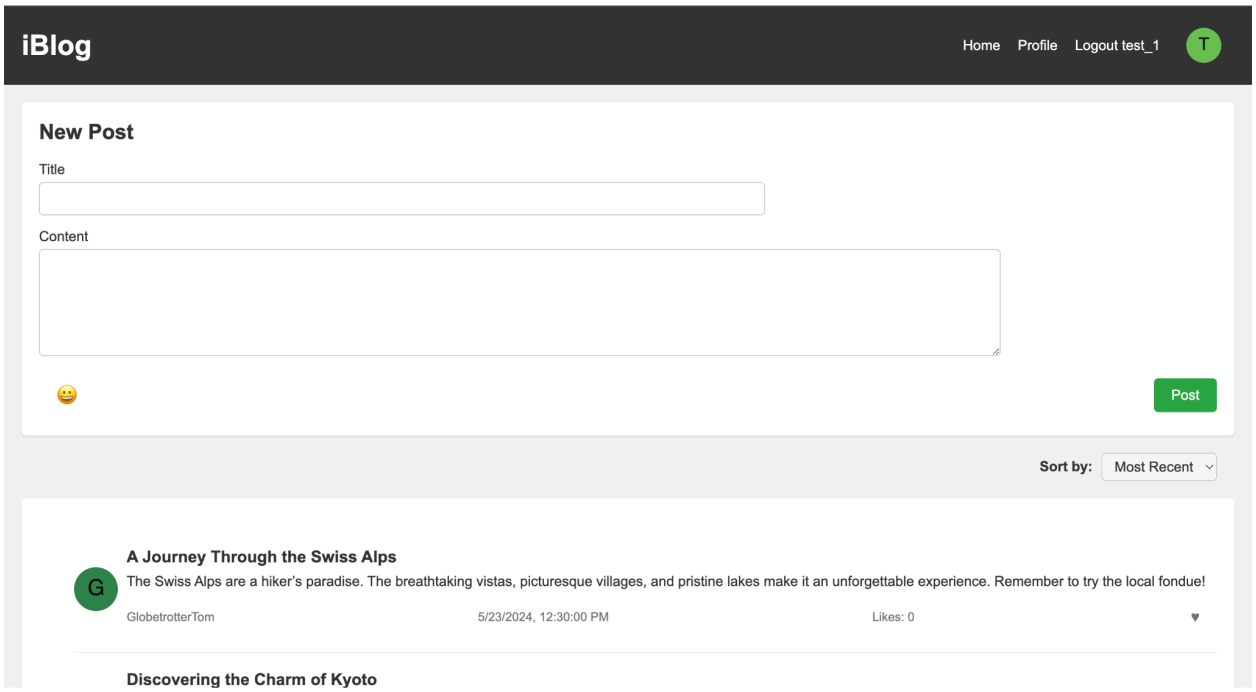


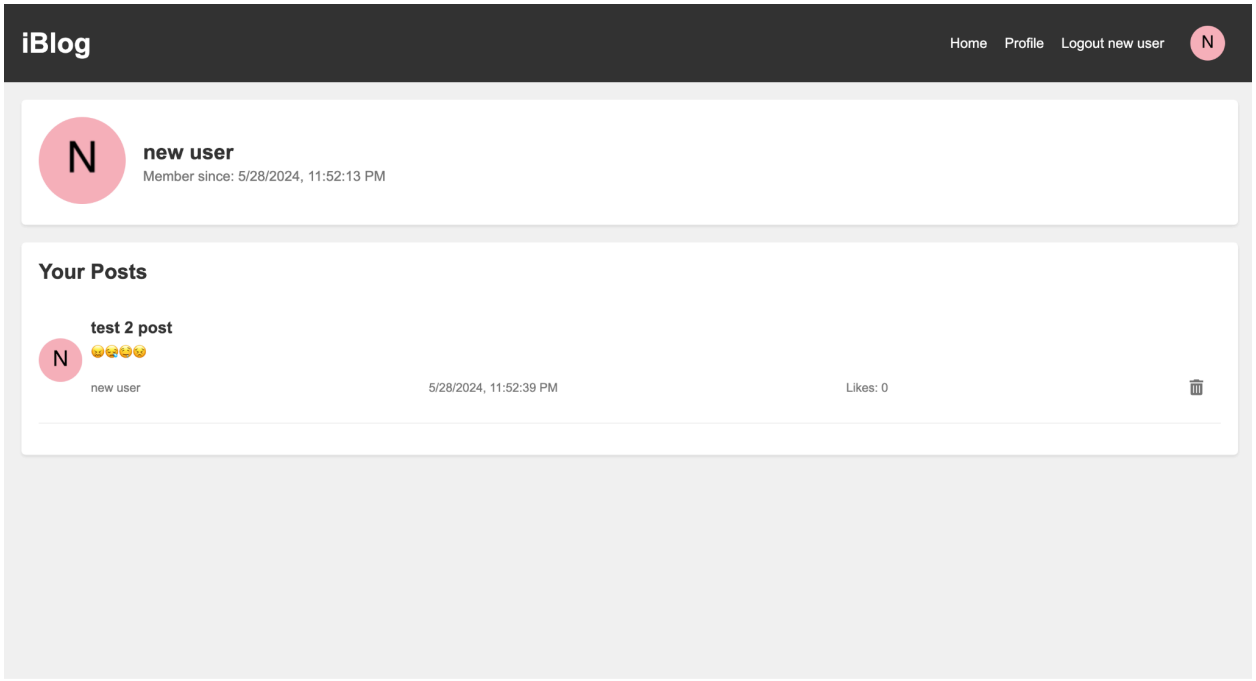
4. After successfully registering with Google account, the page is redirected to a form in which the users will enter their username. If the input username is already in use, an alert message will pop out to prompt the user choose another username:





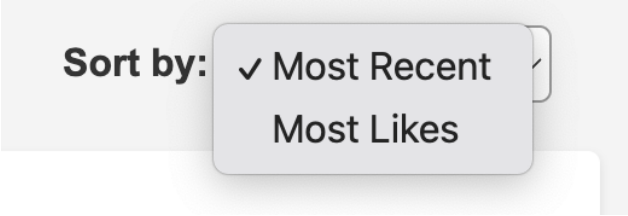
5. After successfully registering an iBlog account with a username, the user will see the home page with the section to add a post. In addition, they will be able to go to their profile page by clicking “Profile” on the top right corner, seeing their own posts.



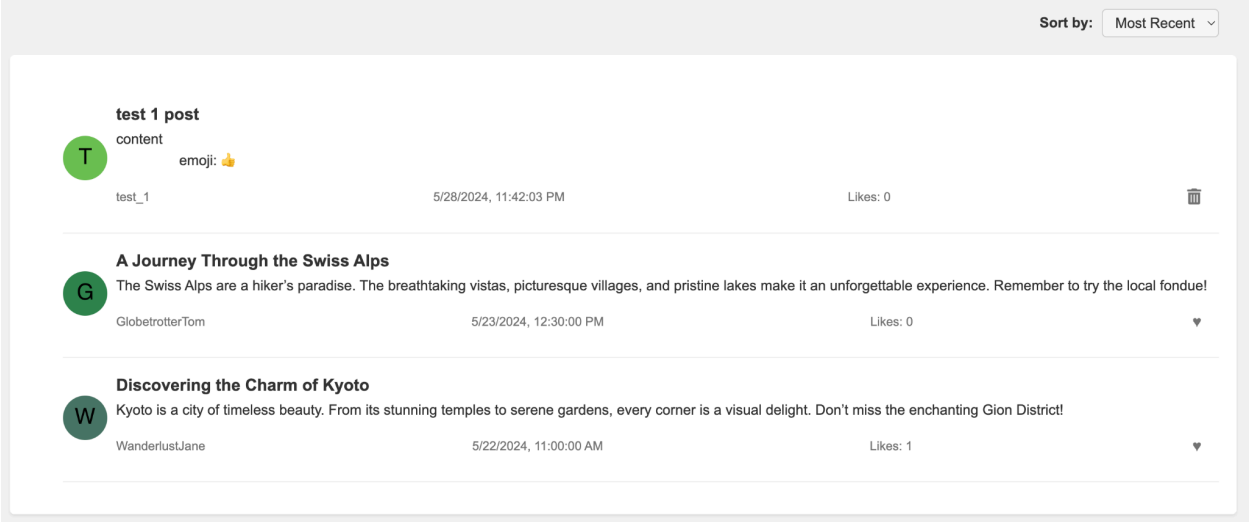


6. The sort post functionality with selecting option in dropdown menu is also implemented. As shown below, if the user chooses “most recent,” the most recent posts will be

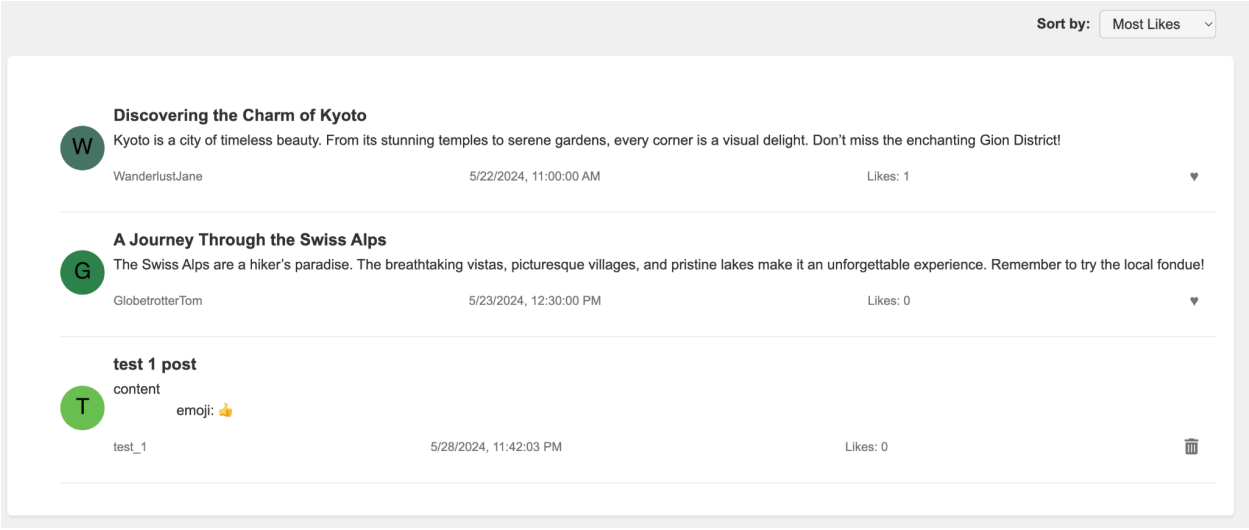
displayed from top to bottom. If the user chooses “Most Likes,” the posts with most likes ill be displayed from top to bottom.



Most Recent sorting manner:



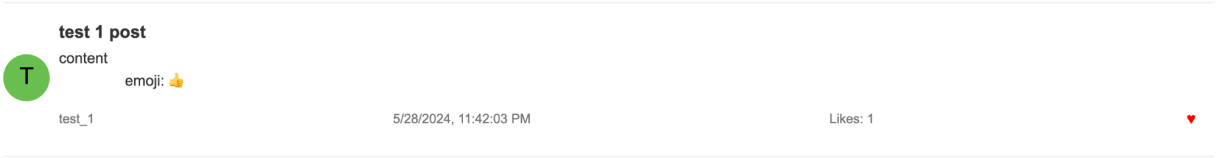
Most Likes sorting manner:



7. Besides basic steps, including integrating SQLite database to store user/post data consistently and using Google OAuth, some minor yet important features are

implemented as well. One of them is the mechanism that all users can only like a post once. If they click on the like button of the post after they have already liked the post, the action serves as “unlike” and will decrement the like amount by 1. This is done by creating another database to keep track of the list of users that liked each post.

When the user likes a post, the like button is turned to color red.



If the user clicks the like button on the same post again, it unlikes the button, decrements the like amount, and turns the like button back to color gray.