

# Creative Assignment 3 :: Micro Blog - Part A

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## Introduction

ShareStuff is an idea sharing website that allows users to share their thoughts with others. The website allows user authentication and lets users create and read posts from others and delete their own. In the future we are thinking of adding an updating feature as well.

## 1 Authentication

Authentication is fully functional. Log in, log out, and register all work as expected. Registering requires a unique case-sensitive username. Upon logging out, users are returned to the home screen, where they can still view posts, but cannot interact with the website in any other capacity

### 1.1 Screenshots

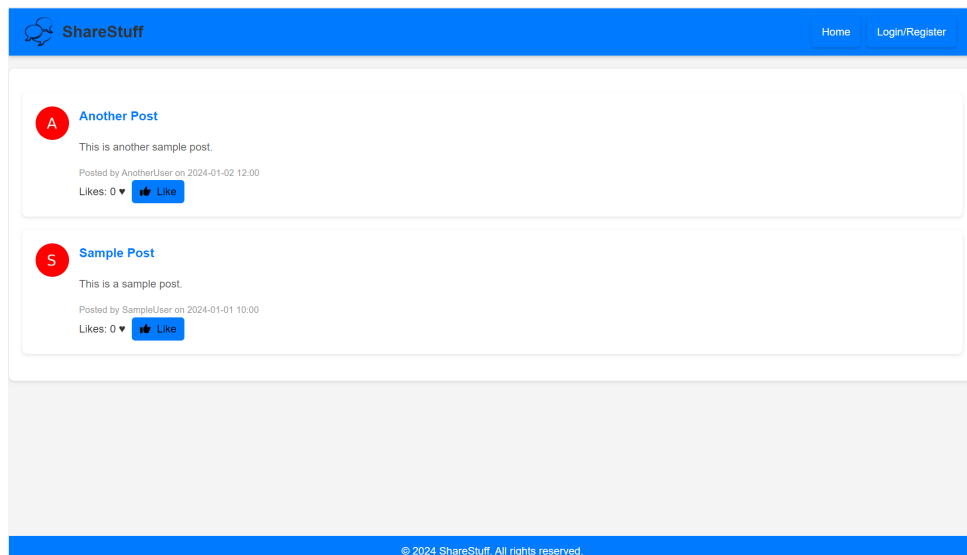


Figure 1: Screenshot of logged out view

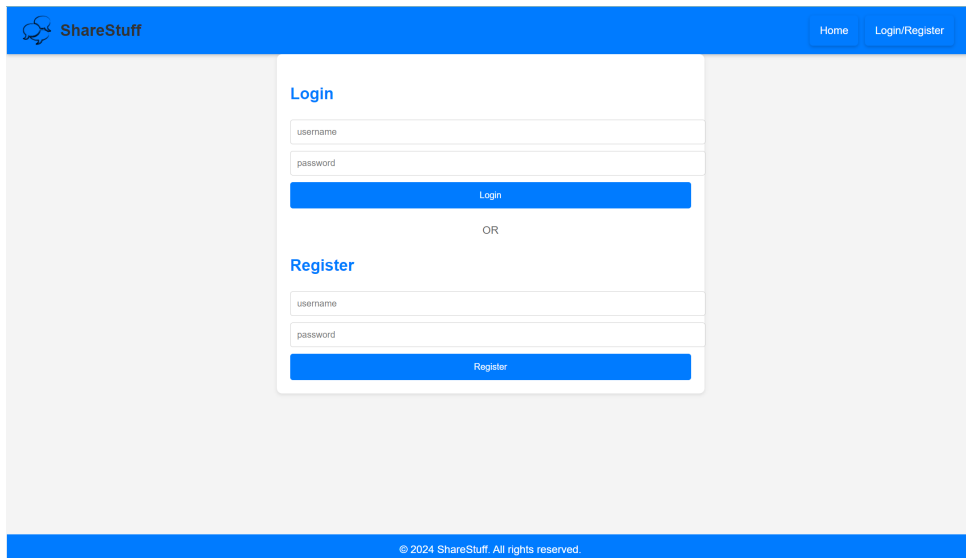


Figure 2: Screenshot of registration/login view

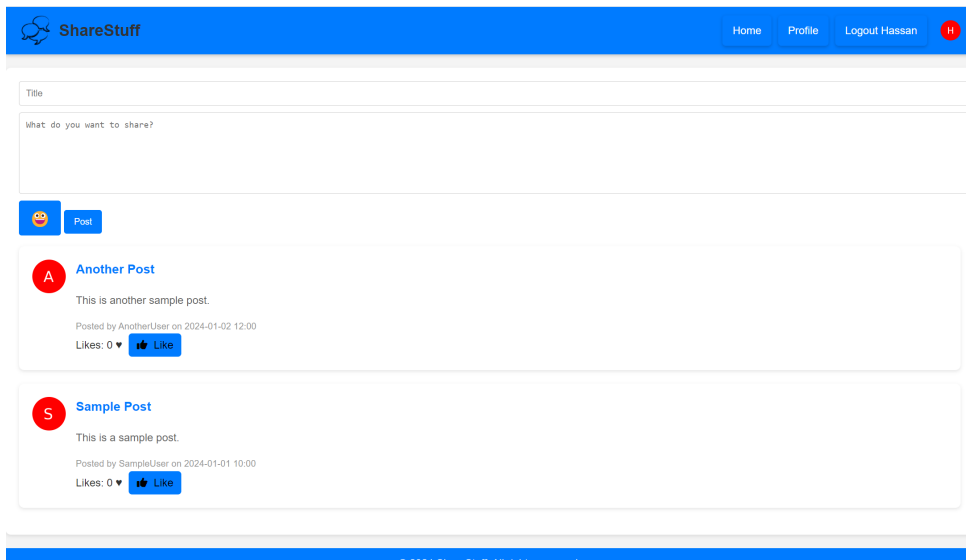


Figure 3: Screenshot of logged in view

## 2 Post management

Post management is fully functional. All post management operations require the user to be logged in. Each post contains the poster name, posted date, and like info. Users can create new posts, like other people's posts, delete their own posts, and view posts from other users. Users are not allowed to like their own posts and are only allowed to like a post once, clicking like again will remove the like. The like button for liked posts turns red showing that the user has liked that post. However changing the page and coming back to it removes that red color so we still need to fix the CSS for that. We created another array for likes, and this contains all the likes that users have for a post. We are able to filter this array for each user and this allows us to have separate lists of likes pertaining to a user which we can use for further development.

## 2.1 Screenshots

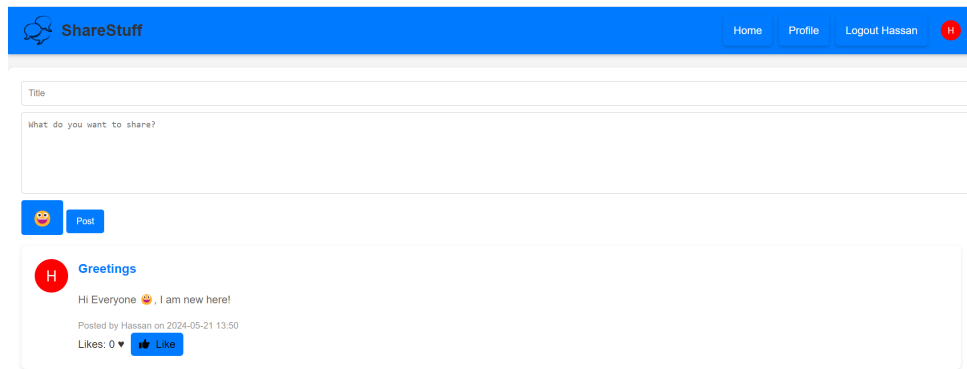


Figure 4: Screenshot of added post with emoji

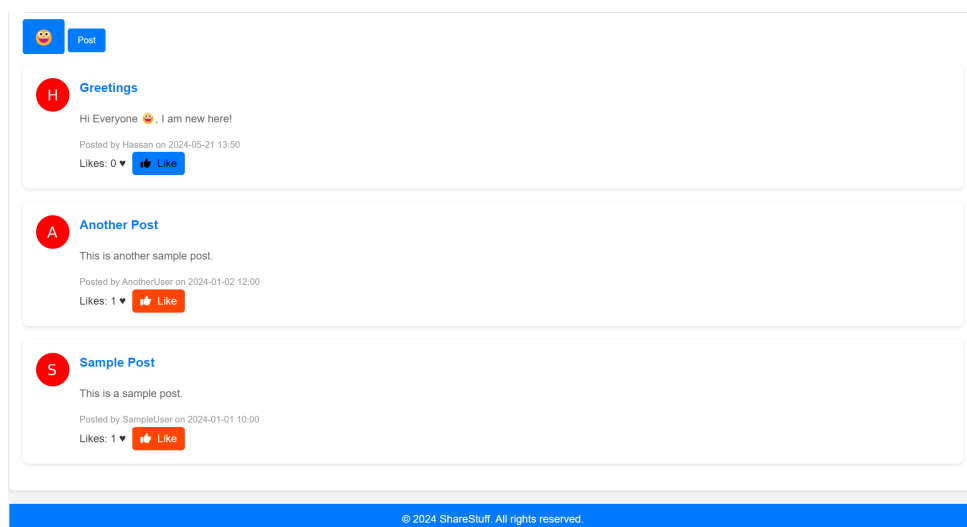


Figure 5: Screenshot of liking a user's post

## 3 Profile viewing and Avatars

Profile viewing is fully functional. Users can view their own profile, and see information about their account, their avatar picture, and the posts that they have made. The avatar system is completely functional. We are able to generate a unique avatar image for each user, save it to the public/images folder and display it to them.

## 3.1 Screenshots

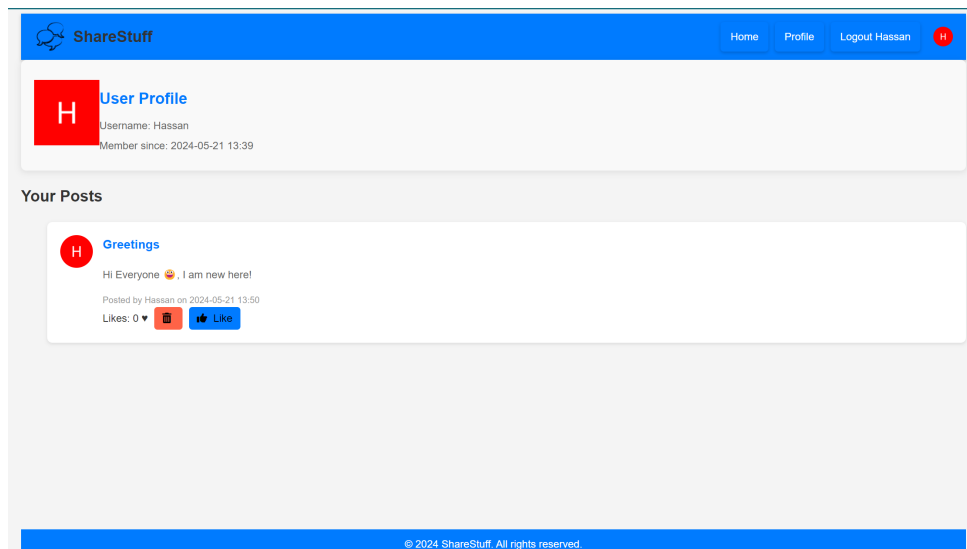


Figure 6: Screenshot of profile with one post

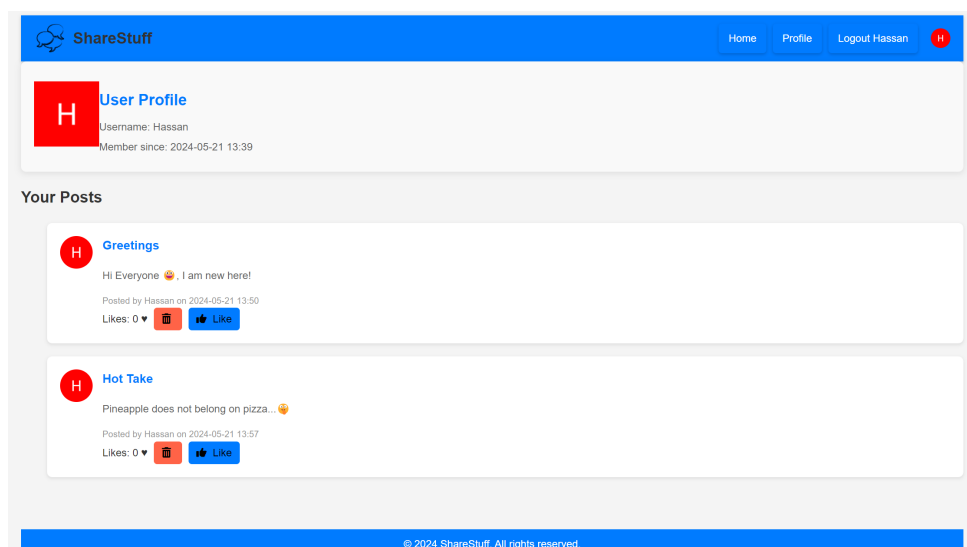


Figure 7: Screenshot of profile with 2 posts

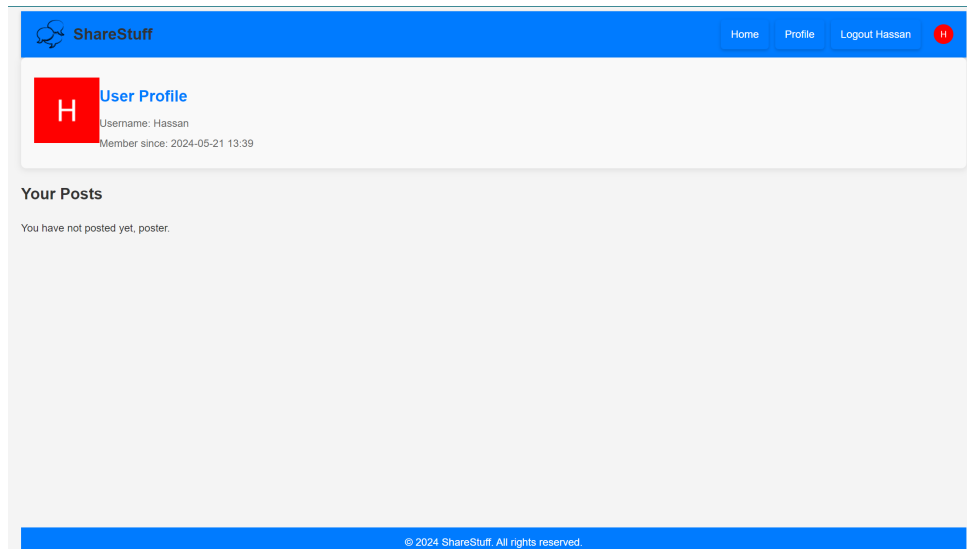


Figure 8: Screenshot of profile with no posts

## 4 Conclusion

We were able to implement the main features of this project. We still have some CSS fixes to do but overall this project provides complete functionality. Some ideas we can develop in the future are: more functionality, more asynchronosity to handle large users, database functionality, a secure authentication etc.