COSC 360 Project Report
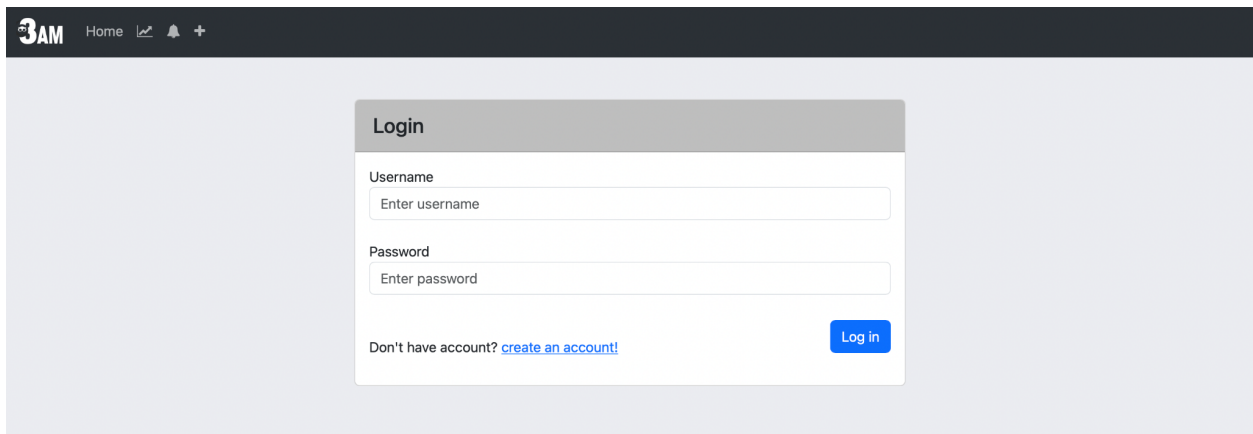*Minimal Core Functionality*

Link: https://cosc360.ok.ubc.ca/henryaug/project-3AM/index.php

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User Features
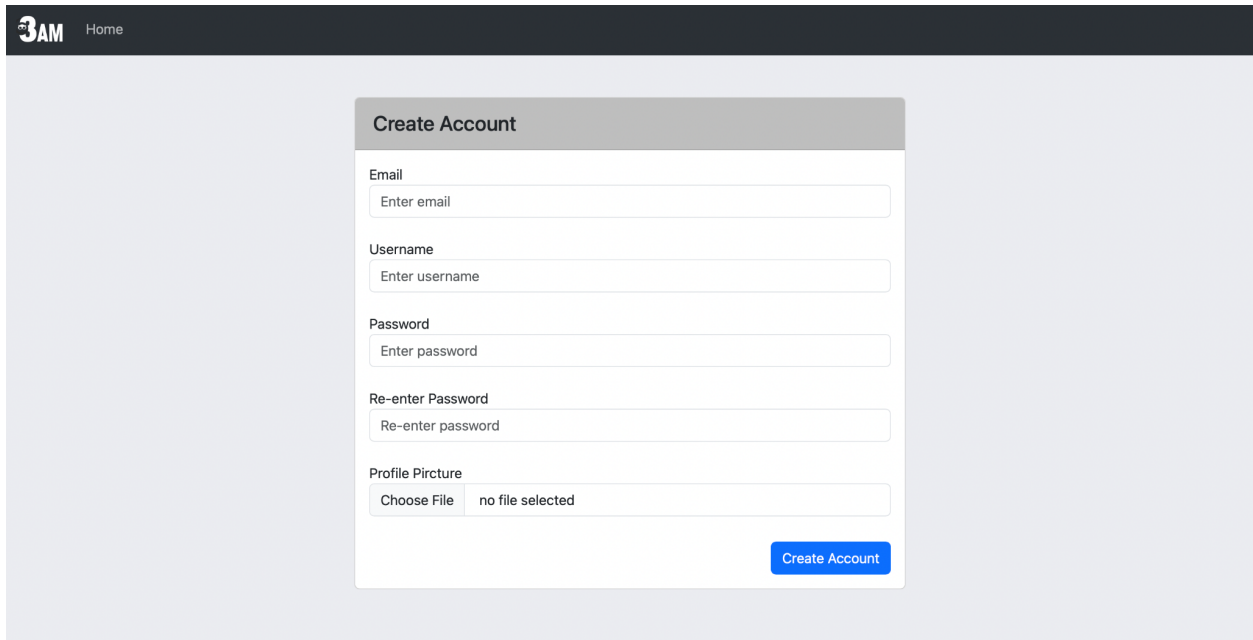
1. Login Credential:
   - Username: Kevin
   - Password: kevinmario

2. Site functionality (User)

   2.1. Login

This is the login page. It validates the correctness of both the username and password entered by comparing them to the information stored in the database. If the entered information matches the stored data, the user will be granted access to their account.

2.2.   Create Account

This is the create account page. All form fields are mandatory and will undergo JavaScript client-side validation to ensure completeness and accuracy of user-provided data. Once all fields are filled, the information will be inserted into the database. However, note that there is a maximum size limit for image uploads due to the storage of uploaded images as BLOBs in the database. Therefore, users must compress images to a size less than 100 KB to successfully upload them.

2.3.   Notification
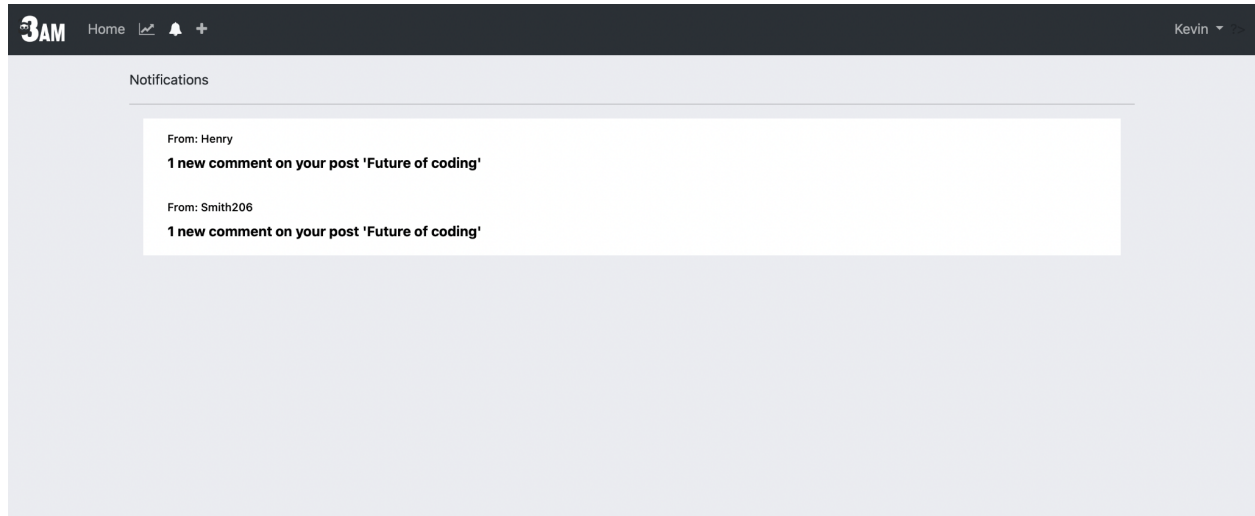
This is the notification page, when a logged in user has posted and other users have commented on the post, there will be notifications on the comments made by which username. If the currently logged user's post has no comments, it will show "No new comments". And If a user is not logged in, it will show "please login to see comments" and the word 'login' here is a link to login.php.
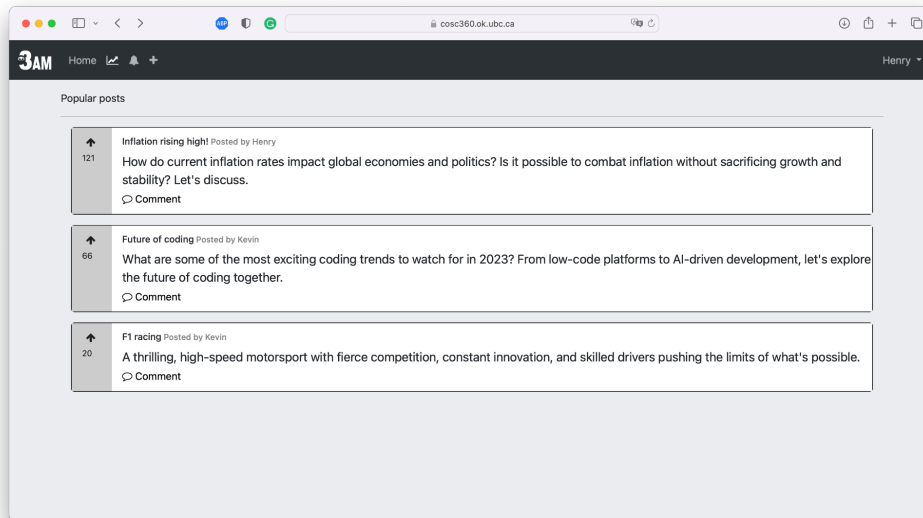
2.4.   Homepage
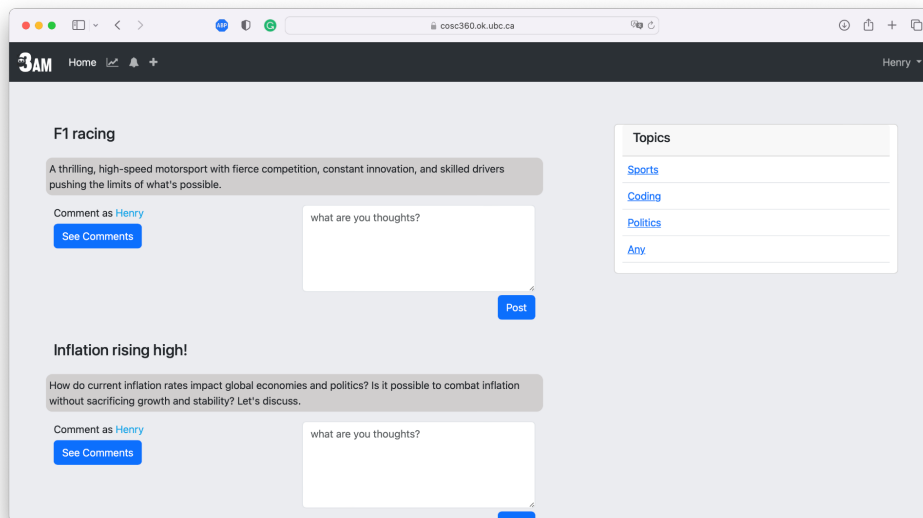
Our homepage displays all posts and provides sorting options by category, including Sports, Coding, Politics, and Any. Users have the ability to view post comments by clicking the "See Comments" button and adding their own comments to each post.

2.5.   Popular Post

The Popular Post section displays the most upvoted post ordered from the most upvotes to least, and each post has an 'upvote' button. When the 'upvote' button is clicked, it will update the database and increment the likes/upvote by 1. The change in number of upvotes it immediately reflected on the webpage as after the button is clicked, the page will automatically reload. Clicking on the comment button will redirect the user to the original post and showing all the comments made by users, allowing for further engagement with the content.
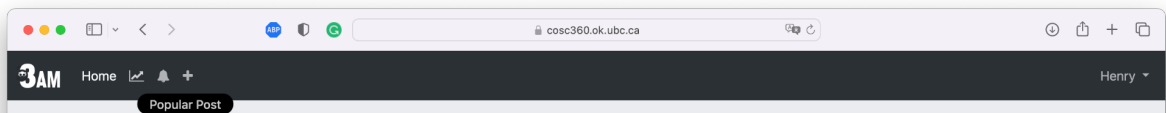
Navbar Features

When the user is not logged in, the right side of the navbar will display 'Log in!' to prompt the user to log in to their account.
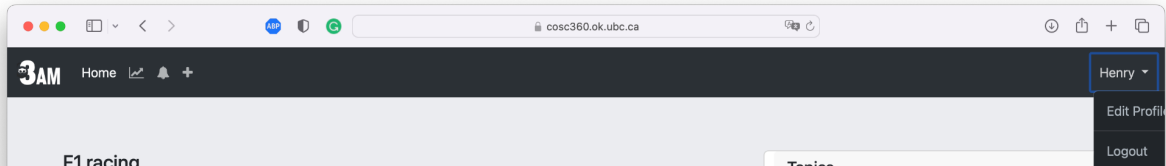

Once the user is logged in, the navbar will display the user's username and a dropdown button. The dropdown button contains options to edit the user's profile and log out of their account.

Upon hovering on an icon, a short description of the icon's function will appear, providing a clear and concise explanation of its purpose.
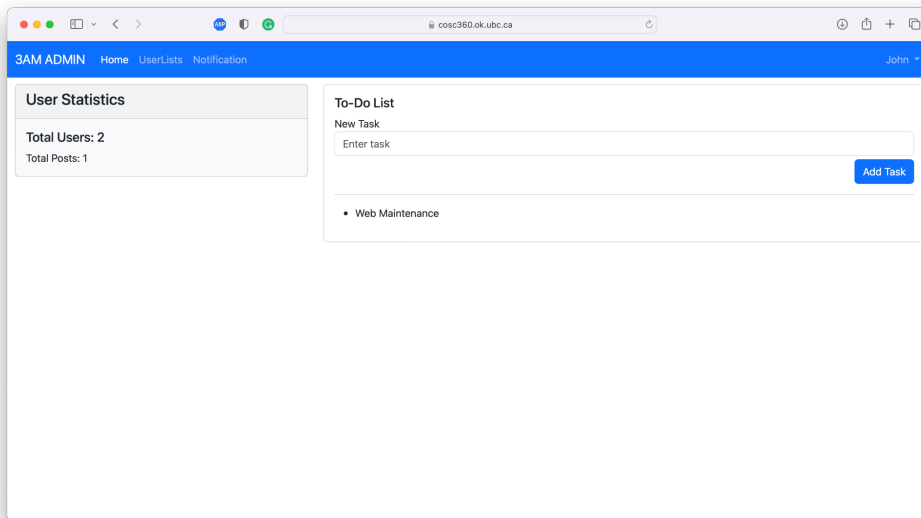
Admin Features

1.   Login Credential
      ● Username: John
      ● Password: cena

2.   Site functionality

      2.1.   Log In
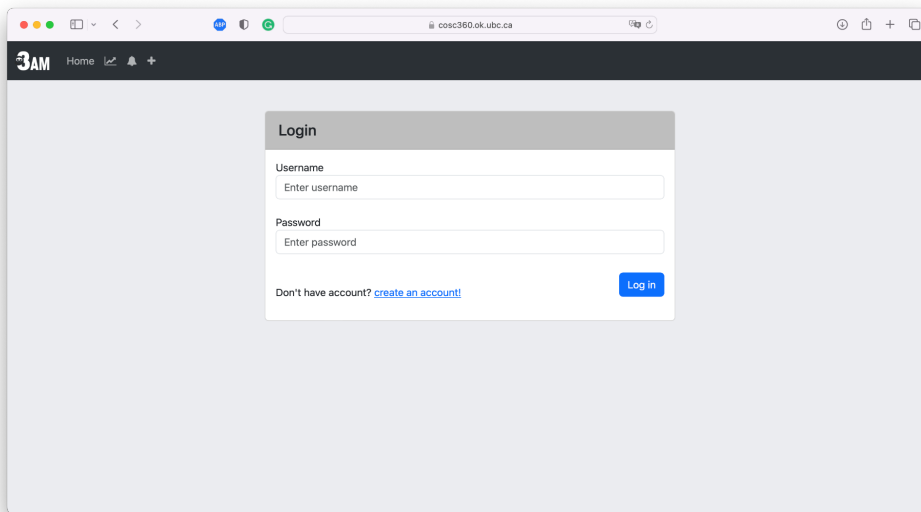
To access the admin homepage, click on the "Sign In" option located on the top right corner of the navigation bar. This will redirect you to the login page (login.php). Please enter the admin's username and password to proceed. For security reasons, the "Create Account" button is not available for admin registration. Admin credentials must be manually inserted into the database.

2.2. Admin Homepage

The admin homepage is designed with two columns, which include 'User Statistics' and 'To-Do List'. AJAX has been implemented for both of these features, allowing the user statistics and to-do list to automatically refresh every 5 seconds with the most up-to-date information from the database. This feature eliminates the need for the user to manually refresh the browser, resulting in a more seamless and efficient user experience.
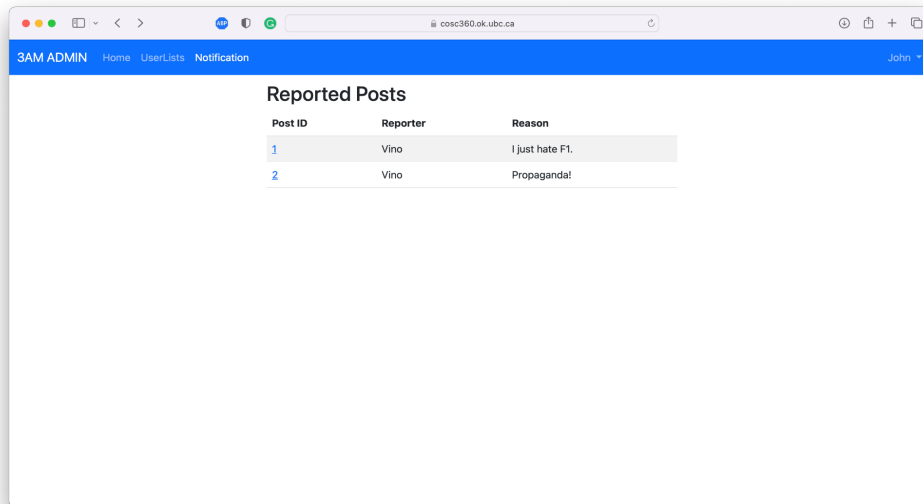
2.3. User Lists
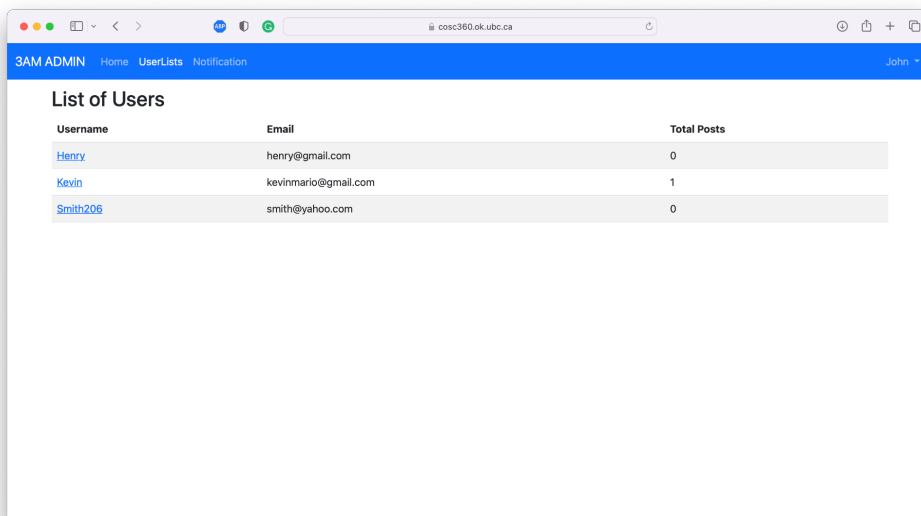
The User List page displays all relevant information about users, including their username, email address, and total number of posts. As a security and privacy measure, user passwords are not displayed on this page.

2.4. Admin Notification

On our admin notification page, a table is presented that lists all posts that have been reported by other users. Admins can select the 'postId' column to be directed to the original post, allowing for review and further action to be taken as necessary.

Known Limitations and Future Update

User Side:
1. Unimplemented 'report' button for each post.
2. Edit profile has not been connected to the database.
3. Images stored in the user database have not been implemented in the website.
4. The user notification is a link and has not been connected to the correct page.

Admin Side:
1. The user list page does not currently have a functional 'remove user' button.
2. On the notification page, our web has not implemented 'reviewed' button