

COSC 360 Project Summary

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Introduction: Bloggie is a web based discussion forum allowing users to share their thoughts and gaining information from other users.

Feature Implemented:

1. **User authentication system:** Users can create accounts, log in, and manage their profiles.
2. **My Profile Function:** Registered users can change their user image and other personal details. The user can also find their comment history and posted posts on the My Profile function.
3. **Guest Feature:** People can access the website without login, however, they can only access the read-only website, not allowed to comment, post, and modify anything.
4. **Post Function:** Registered users can post questions, including a title, content, and optional image.
5. **Comment Function:** Registered users can comment on the post and every user can see the comment.
6. **Search Functionality:** Users can search post title or categories by the search bar on the navigation.
7. **Filter Function:** Users can use the sidebar on the right side to filter the categories want to retrieved.

8. **Admin Privileges:** Admin users have the ability to delete posts and delete users.

Admin also can access the web usage which shows the total users, total posts, and total comments.

9. **Hot Thread Tracking:** When a post exceeds 5 comments, they will be on the trendy post and will have more exposure to other users.

PHP and JavaScript Files:

1. **Login/Signup.php:** Check the format of email, password and username; Select image as user avatar from local
2. **main.php:** Categorize the listed posts by clicking tags; Search post titles; Click posts and direct to the matched content.php by postId; Click avatar on the sidebar to drag down the list (logout, profile, admin (if logged as an admin))
3. **post.php:** Check if title and content are empty; check if uploading 5 images at most; Click tags and add them to the content; Click the images to delete
4. **content.php:** Show/hide input textarea for comment by clicking the symbol; Click images to enlarge
5. **profile.php:** Toggle 'edit' and 'submit' button; Select images from local to update the avatar; Toggle 'my posts' and 'comment history' buttons to show different content
6. **admin.php:** show/hide 'deleteUser', 'deletePost' and 'Usage' list; Toggle checkbox to decide deleting or not
7. **search.php:** Click the post and direct to the matched content.php by postId
8. **deletePost.php:** Delete the selected post(s) by postId, update the database.
9. **logout.php:** Clear the session storage for the user state and redirect the user to login page
10. **getImage.php:** Retrieve the corresponding pictures by postId from picture table in database.

The rest of the php files are helper files with sql

High-Level Overview:

The Bloggie platform facilitates user interaction with a MySQL database, storing and retrieving information including user data, post content, and comments. PHP is used as the server-side scripting language to manage the platform's logic and its interaction with the database. HTML, CSS, and JavaScript are utilized for the front-end design and to enhance user experience. The platform prioritizes user engagement and ease of use, offering user-friendly interfaces that allow users to post thoughts, leave comments, and interact with others.

Limitation

No Real-Time Alert: Users will not seeing any alert when the new posts or comment have been created.

Responsive design: Responsive design issues or cross-browser compatibility concerns.

No User Moderation: The platform does not have a user moderation system which will increase the possibility of spam or inappropriate content.

Search Function Limitation: User will only be able to search the post by the post title, therefore, if the user will be hard to search a certain post.