

COSC 360 MyBlogPost Project Walkthrough Testing Document

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Purpose:

This document provides step-by-step instructions for testing the 'Bloggie' to ensure it operates as expected and showcases its best features. It is designed for testers to easily navigate the site, execute functions, and report any issues or feedback.

Test Users:

Admin Account Credentials:

email address: test@test.com

password: Sat123..

Test for Unregistered User: The user can log into our website as a guest and will be redirected to the main page.

Features List & Use Cases

Registered Users (including admin) & Guests

1. User Registration and Login

- Navigate to the sign-in form.
- Click on the registration link to the signup page and then create a new account.
- Fill in the registration form with the required details and submit it.
- Log in using the newly created credentials.

Expected Result: Registration should be successful, and upon logging in, the user should be directed to their personal blog dashboard.

2. Creating a Blog Post (Registered User):

- From the dashboard, click on 'Make Post'.
- Enter a title and content for the blog post. Upload and select corresponding images for the blog post.
- Submit the post.

* If the user logged-in our website as a guest, the 'Make Post' button will be replaced by 'Log in' for security purposes and the user will be redirected to the login page if the button is clicked.

Expected Result: The post should be visible on the user's personal blog page and on the homepage for all users to view.

3. *Viewing and Searching Blog Posts (Unregistered User in main page):*

- Browse through the list of all available blog posts.
- Use the search bar to search for posts by titles.

*If a blog contains more than 5 comments, there will exist a spark symbol on the left upper corner of the blog container to indicate the hot threads tracking.

Expected Result: All posts matching the search criteria should be displayed, and unregistered users should be able to read posts but not see the comment box or editing options.

4. *Commenting on a Blog Post (Registered User):*

- Navigate to an existing blog post.
- Enter a comment in the comment box and submit.

*Since we use Ajax for asynchronous updating, so our website will update automatically without manually refresh.

*If the user logged-in our website as a guest, the user can only browse and view the comments, the user is not permitted on comments on any posts.

Expected Result: The comment should appear under the blog post in real time without needing to refresh the page.

5. *Categorization and Filtering on main.php:*

- As a registered user, categorize a new blog post under a specific tag or category during creation.
- As an unregistered user, filter posts by this category.

Expected Result: Only posts under the selected category should be displayed.

6. *Check And Edit User Profile*

- After logging in successfully, the user can check their profile in the user profile page.
- The user can edit and update their information on that page.

Expected Results: The user info is updated and saved in the user pool.

7. *Post and Comment History*

- After logging in successfully, the user can check their post and comment history on the profile page.

Expected Results: The profile page will generate a list of posts and comments history based on the logged-in user state.

Additional Steps for Admin:

8. *Search and Delete Users (Admin accounts):*

- As an admin account, the user can go to the Admin.php page.
- On the admin page, the user can search for an existing user from the shown user table, select one or more users then delete them from the database.

Expected Results: The selected users are deleted from the user pool.

9. *Delete Posts (Admin accounts):*

- As an admin account, the user can go to the Admin.php page.
- On the admin page, the user can check all of the posted blogs based on posted time in ascending order and select one or more posts to delete.

Expected Results: The selected blogs are deleted from the post pool.

10. *Check Website Usage Statistics (Admin Account):*

- As an admin account, the user can go to the Admin.php page.
- On the admin page, the user can check the usage of our website by the total blogs, users, and comments.

Expected Results: The web usage report will be generated to show the admin for management purposes.

11. *Logout and Session Management:*

- As a registered user, use the logout option.
- Try to navigate back using the browser's back button.

Expected Result: The user should not be able to access restricted areas and should be prompted to log in again.

Conclusion:

This walkthrough is designed to rigorously test all functionalities of the Bloggie website, from user registration to real-time comment updates. By following these detailed steps, testers can effectively identify areas for improvement and ensure a high-quality user experience for both registered and unregistered users.