User Acceptance Testing

During Acceptance Testing, we will have end users test the website's features and functionalities to confirm that the system meets the requirements or readiness to deploy. As the testers, we will document results generated through the testing stage and implement suggested changes to further development.

Feature Test Plans

Feature 1: Login and Register

As an end user, I should be able to register an account with unique credentials and login using this information to interact with the website.

A user cannot register without completing all mandatory fields:
    Username
    Email Address
    Password
    Confirm Password
Information from the registration form is stored in the user table. The username and email will be checked when registering to ensure they do not already exist in the database. If fields are left empty or the credentials are not unique, the request will error.

A user cannot login without completing all mandatory fields with the correct information.
    Username OR Email Address
    Password
The server will check the validity of the input, and if it matches a saved user, a session will be created for the user to navigate the website. If the username and email address do not exist in the database, an error message will be displayed. If the password provided does not match the one associated with the username entered, the login process will error as well.

Acceptance testers can be anyone with a base knowledge of computers, as this test only requires providing information into a text form and submitting. This test ensures the feature works correctly, and that the user understands what is asked of them.

Feature 2: Upload Document

As an end user, I should be able to upload a document to the website and have it displayed for other users to view.

The upload functionality should query an API to return a link to the page the document is stored on. Given the user is logged in, when submitting the upload form with all required information, the document should be published to the website with the ability for other users to interact with.

To test this functionality, a user will be provided with an intended document to upload along with a description of what it contains. On the upload page, the user will be asked to select the document and input all appropriate tags to associate with the document. To be considered a success, when the submit button is clicked, the website should inform the user that the document was uploaded successfully and provide a link to the page it is stored on. The upload functionality will only accept PDF, PNG, JPEG, and DOC file types..

Acceptance testers only need to be familiar with file structure and form submission.

Feature 3: Display Profile
As an end user, I should be able to view my profile page when logged in to see my information and badges along with liked and uploaded documents.

Each user should have their own unique profile to easily store and track documents. Given the user is logged in, upon navigating to their profile page, then their username, email, and profile picture should be displayed. The user should also then see documents from other users they have liked, and their own documents.

This feature will be tested by checking that all user information is correctly displayed on the profile page and that the information is easily readable to the user.

The profile page will consist of the following fields:
        Username
        Email
        Profile Picture
        Badges
        Documents uploaded
        Documents liked

Acceptance testers will be those who have already registered on the website, who each can check that the data is accurate to their account. This test will determine whether the feature is functionally sound and whether the user's needs are being met.