RateAClub.org Website

Test Plan

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DATE TBD

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Introduction

The purpose of testing this website is to ensure that it is working properly before presenting it to our clients for use. Our goal is to get all the bugs out of the website before presenting to our clients so that it will run the way it was designed to run.

Constraints

One constraint that we have is that some of our members are CIS (computer science) majors and some are ISM (info systems management) majors so not everyone has the same strengths such as programming or business relations/ knowledge.

Test Items & Environment

Approach

Roles

Brian Pigford: Team Lead, created database, hosted website
Joseph Hays: Test case creator
Matt Kelley: Test case creator, Created AWS (even though it ended up not being used)
Emmanuel Maku: Login
Austin Lane: HTML creator
Chad Lenz: HTML creator
Max Cardillo: Java Script, created query function,
Nick Myers: Logout

Schedule

References

Test Cases

Test Case ID TC001 "View Main Screen"

Summary: Verify that the main screen of the website is shown when a user enters the address into their browser.

Prerequisite: None

Instructions: Perform the following actions.

Test Data and Expected Results:

1. Enter the website address into a browser.

   Result: The website should load the main screen.

Test Case ID TC002 "Create Account"

Summary: Verify that a new account can be created as long as the user enters valid data in the fields and does not choose a username that has already been created.

Prerequisite: The user is on the Create Account page.

Instructions: Enter the following data except for the for the fields specified below. Click "Create Account" to initiate a response.

> First Name: Jimmy
> Last Name: Gibbs
> Email: rateaclub@gmail.com
> Username: Testing123
> Password: 12345Test!

Test Data and Expected Results:

1. Enter "heywhatsmyemail" in the Email field.

Result: The website should return to the Create Account page, with an error message stating, "This email is invalid."

2. Enter "mynameis@jim" in the First Name field.

Result: The website should return to the Create Account page, with an error message stating, "You entered an invalid character."

3. Enter "Gibbs#" in the Last Name field.

Result: The website should return to the Create Account page, with an error message stating, "You entered an invalid character."

4. Enter "password" in the Password field.

Result: The website should return to the Create Account page, with an error message stating, "You did not meet the requirements for a password. Please include at least eight characters, an uppercase letter, a special character, and a number."

5. Enter "Password" in the Password field.

Result: The website should return to the Create Account page, with an error message stating, "You did not meet the requirements for a password. Please include at least eight characters, an uppercase letter, a special character, and a number."

Test Case ID TC003 "Login"

Summary: Verify that users can log into the website.

Prerequisite: User is on a webpage on our site.

Instructions: Perform the following actions.

Test Data and Expected Results:

1. Enter the username "Testing123" and the password "12345Test!" into the login box. Result: The website should return to the page the user was previously on and the user will be logged in.

2. Enter the username "HelloTest" and the password "12345Test!" into the login box. Result: The website should return to the main screen with an error message in red saying, "You entered an invalid username."

3. Enter the username "Testing123" and the password "ILoveChocolate" into the login box. Result: The website should return to the main screen with an error message in red saying, "You didn't enter your password correctly."

Test Case ID TC004 "Logout"

Summary: Verify that users can log out of the website.

Prerequisite: User is on a webpage on our site and has logged in.

Instructions: Perform the following actions.

Test Data and Expected Results:

1. Click the "Logout" button on the top of the webpage.

Result: The user should be sent to the homepage of the website and will have to log in again to leave a comment or rating.

Test Case ID TC005 "View Account Settings"

Summary: Verify that users can view their account settings and are able to make changes if they need to.

Prerequisite: User is on a webpage on our site and has logged in.

Instructions: Perform the following actions.

Test Data and Expected Results:

1. Click the "View Account Settings" link from the drop down at the top of the page.

Result: The user is taken to a page that lists their account information. Such as: Username, Email Address, Password, School and a field that says if they are an admin or not.