

test report

GAIA Quiz



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# Functionality Testing Report

## Test Strategy

**Alpha Stage Test Strategy**

During the alpha stage testing, I will be using the white box testing method. I will be testing all the functionality of the website such as; can the user start the game, does it function as intended, does it display the correct messages when the user submits their answer (correct or wrong messages). I will also check to see if the user can break the code by selecting multiple answers before and after they submit their answers.

I will create a functionality test table and log each test case with an expected and actual result with any comments about each test case. I will then test each test case and fill out the test table.

With the test data produced I will go back and fix the issues/ bugs that have been highlighted from the alpha stage testing.

## Functionality Test Table

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| --- | --- | --- | --- |
| **Test Case** | **Expected Result** | **Actual Result** | **Comments** |
| Clicking the start button to start the quiz | To start the quiz | Worked as expected | Worked as expected |
| Only the current question tab should have a background | The current tab should have an aqua background | Didn’t remove the previous tab background colour | Added an if statement in javascript to remove the background colours of all tabs before updating current tabs background colour |
| When clicking the submit button, it hides so that the user can see the next button | Hides the submit button and displays the next button | Worked as expected | Worked as expected |
| When clicking the submit button it would output whether the users answer was correct or wrong | To display whether the users answer was correct or wrong | Worked as expected | Worked as expected |
| When the user doesn’t select an answer and hits submit | To show an error message telling the user that they need to select an answer | Worked as expected | Worked as expected |
| When a user had submitted an answer then clicked on any of the 3 potential answers before clicking the next button and then clicks the next button | To carry onto the next question and work as intended | It would carry that selection on to the next question so that they could just click next and submit without being prompted with an error message | I had to update my javascript so that when the submit button is clicked, it would hide the relevant HTML elements so that they couldn’t spam the buttons to break the code |
| User clicking one potential answer, and then selects another answer | To update the variable to the most recent selection | Worked as expected | Worked as expected |
| Checking to see if the user gets the correct score and message when the quiz finishes | For the user to get the correct message displayed | Worked as expected | Worked as expected |
| After completing the last question after hitting submit the next buttons text-content should be displayed as finish | For the next buttons text-content to be displayed as finish | Worked as expected | Worked as expected |
| When clicking the finish button, everything but the result box should be displayed | When the finish button is clicked, only reveal the result box, with the users score and a message | Worked as expected | Worked as expected |
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