

Star Trek Quiz - Testing

Test Case	Description	Steps	Expected Result	Actual Result	PASS/ FAIL	
1	Chrome browser Responsiveness test	Open website in Chrome browsers Right click > inspect Click toggle device toolbar Set zoom to 50% Click and drag the responsive window from 300px to 3000px. Repeat steps 1-5 across all pages	Layout adjusts correctly for all screen sizes.	Layout adjusts correctly for all screen sizes.	PASS	Chrome screenshots: https://github.com/siondawson/milestone-project-2/tree/main/assets/testing/responsiveness
2	Firefox browser responsiveness test	Open website in Firefox browser Right click > inspect Click toggle device toolbar Click and drag the responsive window from 300px to 3000px. Repeat steps 1-4 across all pages	Layout adjusts correctly for all screen sizes.	Layout adjusts correctly for all screen sizes.	PASS	
3	Opera browser responsiveness test	Open website in Opera browsers Right click > inspect Click toggle device toolbar Click and drag the responsive window from 300px to 3000px. Repeat steps 1-4 across all pages	Layout adjusts correctly for all screen sizes.	Layout adjusts correctly for all screen sizes.	PASS	
4	Homepage to Quiz nav test.	Open website in browser Click Load Quiz button.	Quiz page is loaded.	Quiz page is loaded.	PASS	
5	Quit quiz button test.	1. Open website in browser 2. Click load quiz 3. Click 'Engage!' 4. Click 'Quit' 5. Repeat steps 3 and 4 throughout each question of quiz	Quit button is visible throughout quiz and links back to home page.	Quit button is visible throughout quiz and links back to home page.	PASS	
6	Correct' matches 'Options' within js file question arrays.	Within st-quiz.js file, ensure each 'correct' property exactly matches one of the 'options' properties. Copy/paste where needed to eliminate mistakes.	All 'correct' properties match one 'options' property.	All 'correct' properties match one 'options' property.	PASS	
7	Selecting correct answer turns answer button green.	1. Start quiz 2. Select correct answer. 3. Repeat for remaining questions. 4. Re play quiz until all questions have appeared.	Answer button turns green when correct answer is selected.	Answer button turns green when correct answer is selected.	PASS	See testing folder for sample screen shots. https://github.com/siondawson/milestone-project-2/tree/main/assets/testing/correct-answer-screenshots

Test Case	Description	Steps	Expected Result	Actual Result	PASS/ FAIL	
8	Selecting incorrect answer turns answer button red.	<ol style="list-style-type: none"> 1. Start quiz 2. Select incorrect answer. 3. Repeat for remaining questions. 4. Re play quiz until all questions have appeared. 	Answer button turns red when incorrect answer is selected.	Answer button turns red when incorrect answer is selected.	PASS	See testing folder for sample screenshots. https://github.com/siondawson/milestone-project-2/tree/main/assets/testing/incorrect-answer-screenshots
	Score increments correctly.	<ol style="list-style-type: none"> 1. Start the quiz. 2. Answer questions keeping track of score separately. 	Score increments by 1 for each correct question.	Score increments by 1 for each correct question.	PASS	Extensive testing done. Example screenshot provided.
10	Score increments correctly - after clicking 'play again'	<ol style="list-style-type: none"> 1. Start quiz 2. Play quiz whilst keeping track of how many questions are correct. 3. Repeat quiz 3-4 times. 	Expected score matches up with actual score	On 2nd play score increments by 2 for each correct answer. On 3rd play score increments by 3 for each correct answer.	FAIL	Issue bypassed by calling <code>location.reload()</code> when user clicks play again. Issue remains in code.
11	New question can be added to an array.	<ol style="list-style-type: none"> 1. Add question any array. 2. Play Quiz (for testing page requires re-loading until questions is randomly selected). 	Quiz maintains functionality. Pool of available questions grows.	Quiz maintains functionality. Pool of available questions grows.	PASS	easyQuestions array now has 7 available questions.
12	Play again button test	<ol style="list-style-type: none"> 1. Play through quiz. 2. After score shows click 'play again'. 	Quiz re loads with different set of questions. Score resets to zero.	Quiz re loads with different set of questions. Score resets to zero.	PASS (with issue see notes)	See test case 10. Quiz performs as normal except user must click 'engage' again as page reloads.