STR for Trivia web game

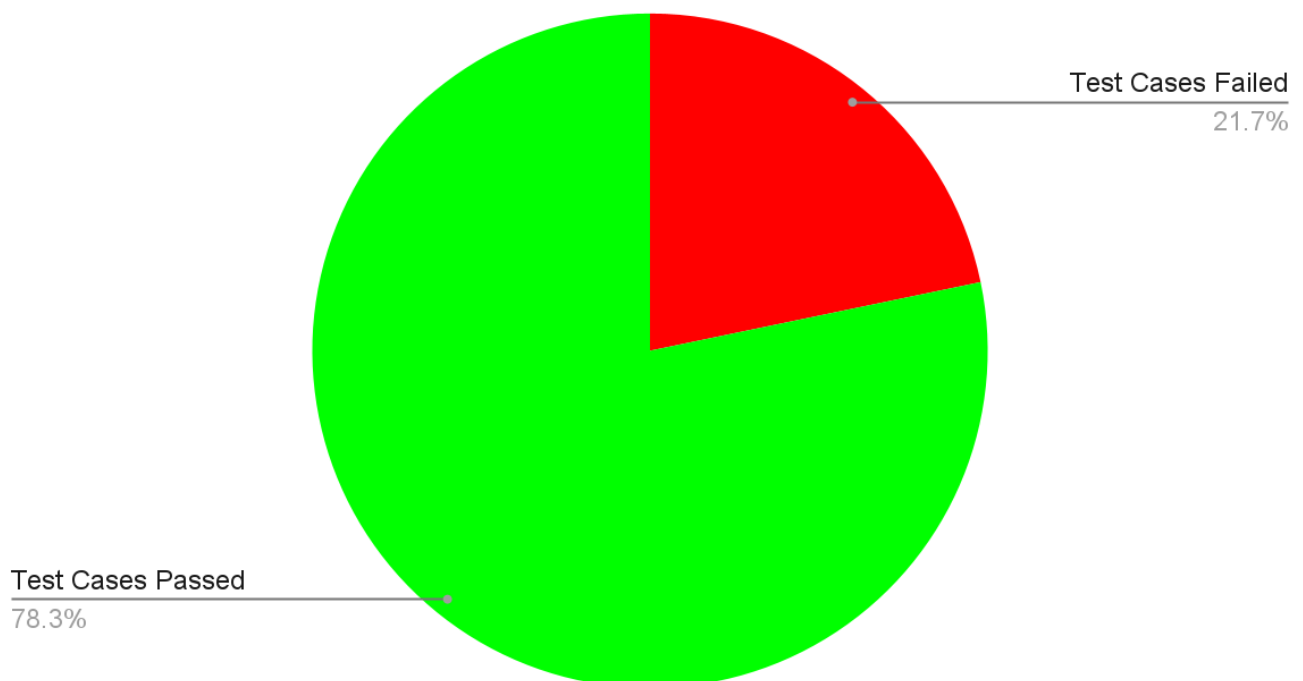| Project	Trivia web game
Version	1.0
Date	October 18, 2023
Prepared By	Ehab Bolos
Approve By	Nathan Mashiah

Summary

The Software Test Report (STR) document is a record of the qualification testing performed on the Trivia Web Game, The document provides a summary of the testing results for the 1.0 version of the Trivia web game project.
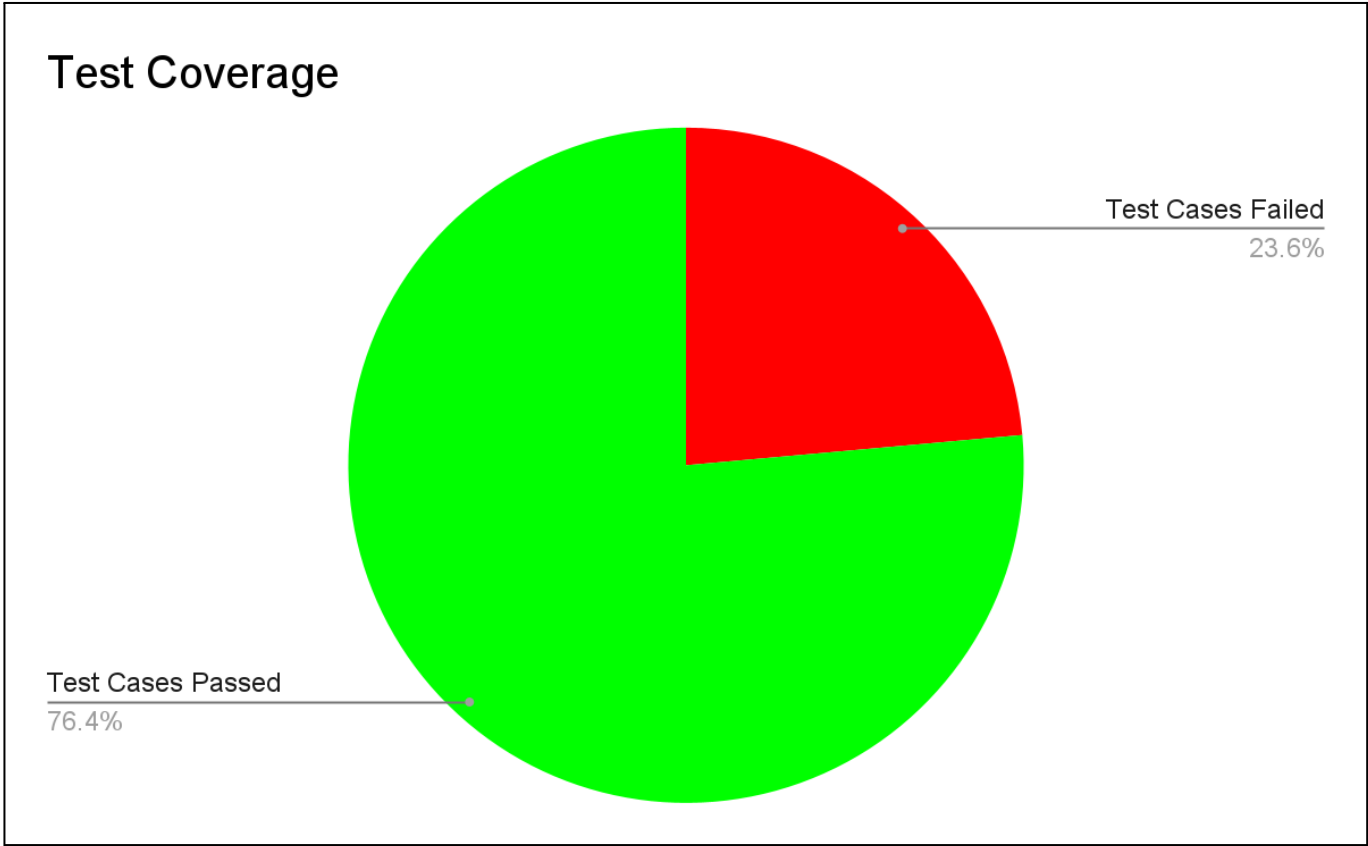
Test Coverage

Test Cases Failed
23.6%

Test Cases Passed
76.4%

Creating the Trivia test suite coverage

Test Cases Failed
23.9%

Test Cases Passed
76.1%

Answering the Trivia Test suite coverage

Test Cases Failed
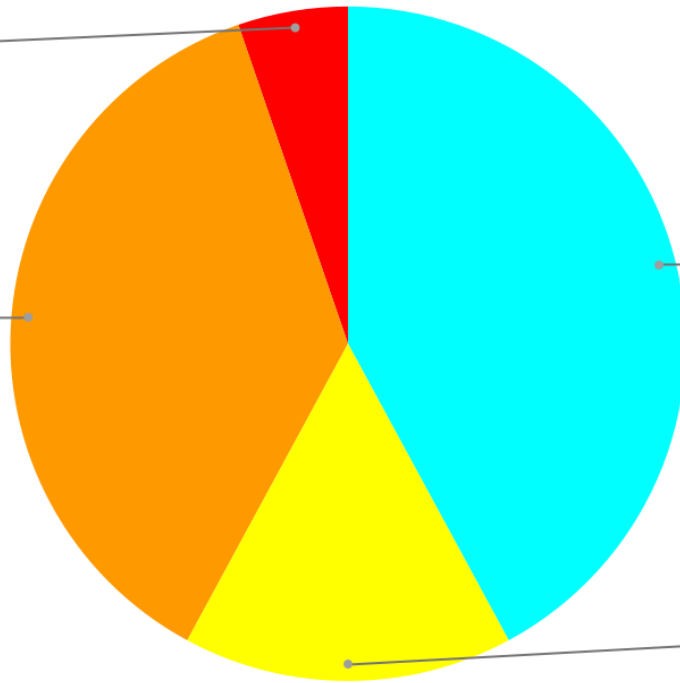21.7%

Test Cases Passed
78.3%
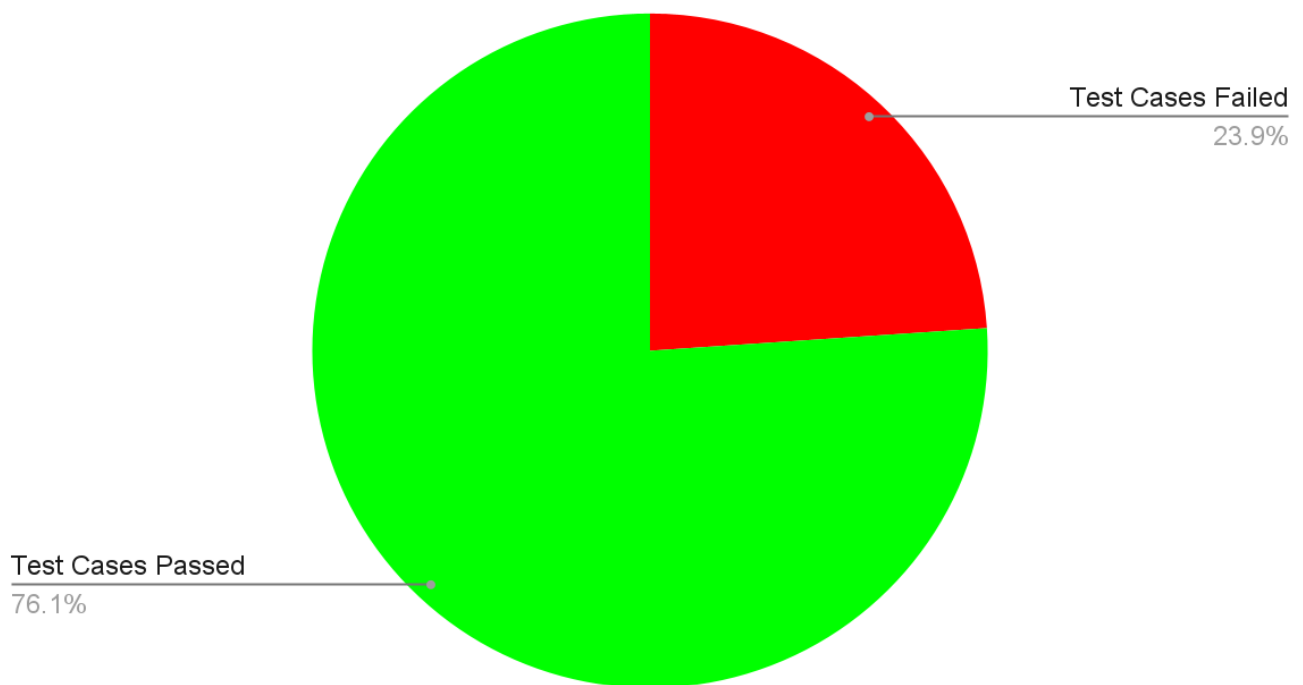
Severity

Critical
5.3%

Low
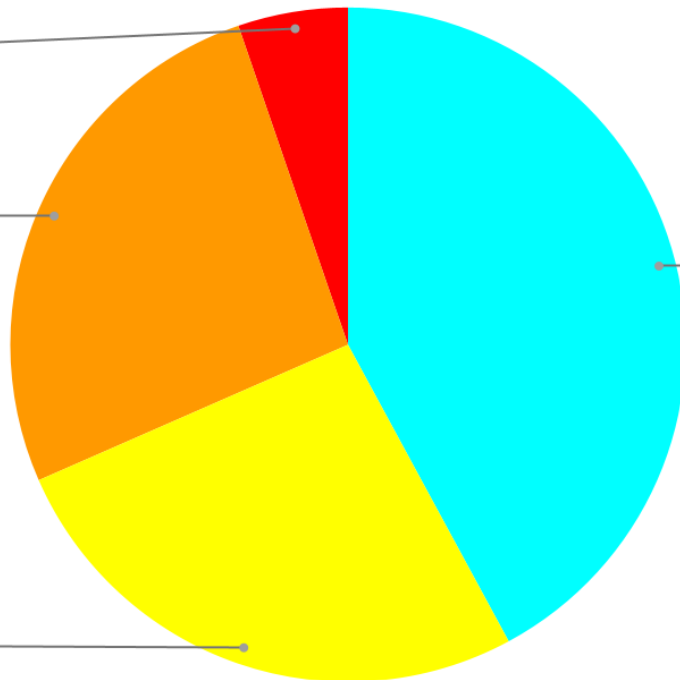42.1%

High
36.8%

Medium
15.8%

Priority

Critical
5.3%

High
26.3%

Low
42.1%

Medium
26.3%

Test Coverage

The following table shows the test cases (TC) coverage for the Trivia project:

Suites	TC's Executed	TC's Passed	TC's Failed
Creating the Trivia test	117	89	28
Answering the Trivia Test	23	18	5

Test Results

The following table shows the results of the test cases that were executed:

TC	TC Type	Expected Result	Actual Result	Status
Suite 1: Creating the Trivia test				
Running the main feature	Sanity	We can create a test and answer it	We can create a test and answer it	Passed
The "Back" button to go back to the first question field	Func.	We can go back to the first question field	We can go back to the first question field	Passed
The "Back" button to go back to the first question answers form	Func.	We can go back to the first question answers form	We can go back to the first question answers form	Passed
The "Back" button to go back to the second question field	Func.	We can go back to the second question field	We can go back to the second question field	Passed
The "Back" button to go back to the second question answers form	Func.	We can go back to the second question answers form	We can go back to the second question answers form	Failed
The "Back" button to go back to the third question answers field	Func.	We can go back to the third question field	We can go back to the third question field	Passed
Change the selection in the first question answers form	Func.	We can change the selection in the first question form	We can change the selection in the first question form	Passed

TC	TC Type	Expected Result	Actual Result	Status
Change the selection in the second question answers form	Func.	We can change the selection in the second question form	We can change the selection in the second question form	Passed
Change the selection in the third question answers form	Func.	We can change the selection in the third question form	We can change the selection in the third question form	Passed
Reload the starting page	Func.	We can reload	We can reload	Passed
Reload the first question form page	Func.	We can reload	We can reload	Passed
Reload the first question answers form page	Func.	We can reload	We can reload	Passed
Reload the second question form page	Func.	We can reload	We can reload	Passed
Reload the second question answers form page	Func.	We can reload	We can reload	Passed
Reload the third question form page	Func.	We can reload	We can reload	Passed
Reload the third question answers form page	Func.	We can reload	We can reload	Passed
Reload the test pre-starting page	Func.	We can reload	We can reload	Passed
Click on the "Reload" button to go back to the starting page	Func.	We can go back to the starting page	We can go back to the starting page	Passed
Click the "Cancel" button to cancel reloading	Func.	We can cancel reloading	We can cancel reloading	Passed
Enter 50 chars in the first question field	Func.	We can enter 50 chars	We cant enter 50 chars	Failed
Enter 50 chars in the second question field	Func.	We can enter 50 chars	We cant enter 50 chars	Failed
Enter 50 chars in the second question	Func.	We can enter 50 chars	We cant enter 50 chars	Failed

TC	TC Type	Expected Result	Actual Result	Status
field				
Enter 30 chars in the first answer in the first answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the second answer in the first answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the third answer in the first answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the fourth answer in the first answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the first answer in the second answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the second answer in the second answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the third answer in the second answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the fourth answer in the second answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the first answer in the third answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the second answer in the third answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the third answer in the third answers form	Func.	We can enter 30 chars	We can enter 30 chars	Passed
Enter 30 chars in the fourth answer in the	Func.	We can enter 30 chars	We can enter 30 chars	Passed

TC	TC Type	Expected Result	Actual Result	Status
third answers form				
Click the "next" button without filling the first question	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the second question	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the third question	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the first answers form & without selecting a radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the first answer in the first answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the second answer in the first answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the third answer in the first answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the forth answer in the first answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click "next" without selecting radio button in the first answers form	EH	We can't move forward	We can't move forward	Passed

TC	TC Type	Expected Result	Actual Result	Status
Click the "next" button without filling the second answers form & without selecting a radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the first answer in the second answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the second answer in the second answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the third answer in the second answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the forth answer in the second answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click "next" without selecting radio button in the second answers form	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the third answers form & without selecting a radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the first answer in the third answers field & with selecting	EH	We can't move forward	We can't move forward	Passed

TC	TC Type	Expected Result	Actual Result	Status
radio button				
Click the "next" button without filling the second answer in the third answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the third answer in the third answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the forth answer in the third answers field & with selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click "next" without selecting radio button in the third answers form	EH	We can't move forward	We can't move forward	Passed
Enter a string with a languages that's not English in the first question field	EH	We can't move forward	We can't move forward	Passed
Enter a string with a languages that's not English in the second question field	EH	We can't move forward	We can't move forward	Passed
Enter a string with a languages that's not English in the third question field	EH	We can't move forward	We can't move forward	Passed
Enter a string with special characters in the first question field	EH	We can't move forward	We can't move forward	Passed
Enter a string with special characters in the second question field	EH	We can't move forward	We can't move forward	Passed

TC	TC Type	Expected Result	Actual Result	Status
Enter a string with special characters in the third question field	EH	We can't move forward	We can't move forward	Passed
Enter a string with a languages that's not English in the first answer in the first answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not English in the second answer in the first answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not English in the third answer in the first answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not English in the fourth answer in the first answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not English in the first answer in the second answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not English in the second answer in the second answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not English in the third answer in the second answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not	EH	We can't move forward	We can move forward	Failed

TC	TC Type	Expected Result	Actual Result	Status
English in the fourth answer in the second answers form				
Enter a string with a languages that's not English in the first answer in the third answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not English in the second answer in the third answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not English in the third answer in the third answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a languages that's not English in the fourth answer in the third answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the first answer in the first answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the second answer in the first answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters the third answer in the first answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the fourth answer in the first answers form	EH	We can't move forward	We can move forward	Failed

TC	TC Type	Expected Result	Actual Result	Status
Enter a string with a special characters in the first answer in the second answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the second answer in the second answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the third answer in the second answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the fourth answer in the second answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the first answer in the third answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the second answer in the third answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the third answer in the third answers form	EH	We can't move forward	We can move forward	Failed
Enter a string with a special characters in the fourth answer in the third answers form	EH	We can't move forward	We can move forward	Failed
Enter 31 chars in the first answer in the	EH	We can't move forward	We can't move forward	Passed

TC	TC Type	Expected Result	Actual Result	Status
first answers form				Passed
Enter 31 chars in the second answer in the first answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the first third in the first answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the fourth answer in the first answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the first answer in the second answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the second answer in the second answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the first third in the second answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the first answer in the second answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the first answer in the third answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the second answer in the third answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the first third in the third answers form	EH	We can't move forward	We can't move forward	Passed
Enter 31 chars in the first answer in the third answers form	EH	We can't move forward	We can't move forward	Passed
Enter 51 chars in the first question field	EH	We can't move forward	We can't move forward	Passed

TC	TC Type	Expected Result	Actual Result	Status
Enter 51 chars in the second question field	EH	We can't move forward	We can't move forward	Passed
Enter 51 chars in the third question field	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the first answers form & with selecting a radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the second answers form & with selecting a radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the third answers form & with selecting a radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the first answer in the first answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the second answer in the first answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the third answer in the first answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the forth answer in the first answers	EH	We can't move forward	We can't move forward	Passed

TC	TC Type	Expected Result	Actual Result	Status
field & without selecting radio button				
Click the "next" button without filling the first answer in the second answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the second answer in the second answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the third answer in the second answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the forth answer in the second answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the first answer in the third answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the second answer in the third answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next"	EH	We can't move forward	We can't move forward	Passed

TC	TC Type	Expected Result	Actual Result	Status
button without filling the third answer in the third answers field & without selecting radio button				
Click the "next" button without filling the forth answer in the third answers field & without selecting radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the first answers form & with selecting a radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the second answers form & with selecting a radio button	EH	We can't move forward	We can't move forward	Passed
Click the "next" button without filling the third answers form & with selecting a radio button	EH	We can't move forward	We can't move forward	Passed
Suite 1: Answering the Trivia test				
Click the "Quit" button to close the game after creating the test	Func.	The game will close	The game will not close	Failed
Click the "Back!" button to go back to the third question form	Func.	We can go back	We can go back	Passed
Click the "Back!" button to go back to the second question form	Func.	We can go back	We can go back	Passed
Finish the test with 1 wrong answer	Func.	We will get a "Failed" alert	We go "Success" alert	Failed

TC	TC Type	Expected Result	Actual Result	Status
Finish the test with 2 wrong answers	Func.	We will get a "Failed" alert	We go "Success" alert	Failed
Finish the test with 3 wrong answers	Func.	We will get a "Failed" alert	We go "Failed" alert	Passed
Click on "Try again" in the result page with the "Success" alert	Func.	The test will restart	The test will restart	Passed
Click on "Try again" in the result page with the "Failed" alert	Func.	The test will restart	The test will restart	Passed
Click on "Quit" in the result page with the "Success" alert	Func.	The website will quit	The website quits	Passed
Click on "Quit" in the result page with the "Failed" alert	Func.	The website will quit	The website quits	Passed
Click on "Share on Facebook" in the result page with the	Func.	A modal opens	A modal opens	Passed

TC	TC Type	Expected Result	Actual Result	Status
"Success" alert				
Click on "Share on Facebook" in the result page with the "Failed" alert	Func.	A modal opens	A modal opens	Passed
Click the "Leave" button in the modal after Clicking the "Share on Facebook" button	Func.	The Facebook login page open	An error 404 occurred	Failed
Select multiple radio button in the third question from	Func.	We can select multiple radio button	We can select multiple radio button	Passed
Select multiple radio button in the second question from	Func.	We can select multiple radio button	We can select multiple radio button	Passed
Select multiple radio button in the first question from	Func.	We can select multiple radio button	We can select multiple radio button	Passed
Reload the third question form page	Func.	The page reloads	The page reloads	Passed
Reload the second question form page	Func.	The page reloads	The page reloads	Passed
Reload the first question form page	Func.	The page reloads	The page reloads	Passed
Reload the test result page	Func.	The page reloads	The page reloads	Passed
Click the "Next!" button without selecting an answer in the third question form	EH	We can't move forward	We can't move forward	Passed
Click the "Next!" button without selecting an answer in the second question form	EH	We can't move forward	We can move forward	Failed
Click the "Next!" button without selecting an answer in the first question form	EH	We can't move forward	We can't move forward	Passed

The failed TC

The following table shows the the failed TC's that were found during testing:

Bug	Bug Description	Severity	Priority	Status
The "Back" button does not opens back the second question answers form	The "Back" button in the third question form does not takes us back to the second question answers form.	High	High	Fixed
The question length can't be 50 characters	The question field does not accept a string with 50 characters.	Medium	Medium	Fixed
The answers field accepts all type of strings	In the answers fields we can enter special characters, numbers, spaces and letters thats not in English.	High	Medium	Fixed
We can move forward into the test to the first question without filling and answer	In the test, if we click the "Next!" button in the second question form we can move forward to the first question form without selecting an answer and without showing an error message that shows	High	High	Fixed
The "Quit" button does not work	The "Quit" button in the test pre-starting page does not exit the website by clicking it	High	High	Fixed
The failed result appears only if we select 3 wrong answers	The failed result should appear if we select at least 1 wrong answer but the website allows 2 wrong answers and we need 3 wrong answers to fail the test.	High	High	Fixed
The "Share on Facebook" button leads to unknown page	The "Share on Facebook" button should open a modal with the button "Leave" to exit the website and to open the Facebook login page instead but it leads to unknown page (Error 404)	Critical	Critical	Fixed

Defects

The following table shows the defects that were found during testing:

Defect	Defect Description	Severity	Priority	Status

Spelling error in the starting page	In the starting page in the website we have a spelling error. The starting page contains the text "QA Test, to start the the test push the bottun below! good luck!" The word "bottun" should be "Button"	Low	Low	Fixed
The buttons is not responsive	The buttons in all the pages cant fit screens under 992 (width) x 747 (Height) and should be changed to fit the layout of all the laptops/pc screens, for more usability and to improve the user experience.	Medium	Medium	Next Version
The "Back" button in the first question form is clickable	The "Back" button in the first question form should be non-clickable because we cant go back, and if its clickable there is no result after clicking it.	High	Medium	Fixed
A spelling error in the "next" button	The "next" button in the test building process should start with a capital letter like all the other button in the website.	Low	Low	Fixed
A spelling error in the questions forms	All text was written without space before the ":", the word "question" int the questions form headers "Please type here your question :" was written with a space before the ":"	Low	Low	Fixed
Spelling error in the answers forms	The answer forms in each question has a spelling errors in the "seconde answer", the "thierd answer" & the "forth answer". ● The word "seconde" should be "second" ● The word "thierd" should be "third" ● The word "forth" should be "fourth"	Low	Low	Fixed
Spelling error in the answers forms	In all of the answer forms there is a spelling error in the form header, in the header "Please enter 4 possible answers and Mark the right one!", the word "Mark" should be "mark" (it's not a name).	Low	Low	Fixed
A spelling error in the test pre-starting page	The page that starts the test has the text "You finished to build the test - lets play!!", the word "lets" should be "let's"	Low	Low	Fixed

The website does not add "?" automatically	The website should add the "?" if we don't type it in the question field, but in the 3 questions if we don't add it the website does not add it too.	Medium	Medium	Fixed
Spelling error in the result page	The success result page shows the success green alert with the text "sucess" which should be "Success".	Low	Low	Fixed
Spelling error in the modal	The modal that pop up if we click the "next" button without filling all the answers in the answers form contains the text "you have to fill all the fileds please", the word "fileds" should be "fields".	Low	Low	Fixed
We can enter a space as a string in the question fields	In all the question field we can enter a space and the field wont show an error if we click on the "next" button.	High	High	Fixed

Conclusion

The 1.0 version of the Trivia project has been thoroughly tested and is ready for release. However, it is important to note that the test coverage is not exhaustive and there may be some defects that were not found during testing.

Recommendations

The following recommendations are made for future releases:
- The website background image repeats itself in huge screens, this issue could be improved if the background was changed to another image or to make the same image responsive for all the sizes.
- The website could be responsive for the users who prefer to browse from the phones.

Approval

Nathan Mashiah

October 18, 2023

This template can be used as a starting point for creating a STR document for any QA engineer. The specific contents of the document will vary depending on the project and the testing methodology that is used.