

## Test 2 Solution :-

How would you test search UI functionality of your favourite website (e.g. <https://medium.com>, <https://www.google.de> )?

1. Choose your favourite website which has search functionality.
2. Document several test cases.
3. Implement one or two automated tests based on the test cases.

Sr No	Test Scenario	Test Steps	Expected Result
1	Layout of the UI Elements on screen.	1. Open <a href="http://www.google.com">www.google.com</a> .	1.The Google homepage should be visible. 2. Verify that the search textbox is visible and enabled. 3. Verify that the default focus is in the search text box. 4. Verify that 2 buttons with "Google Search" and "I'm Feeling Lucky" caption are visible and enabled on the screen.
2.	The search result count should be displayed on the top portion of the screen. (Automated)	1. Open <a href="http://www.google.com">www.google.com</a> . 2. Enter "relayr" in the search textbox and Click the "Search Google" button. 3. Verify if the result count is shown below the result categories. 4. Verify if the result count is greater than zero.	1. The Google homepage should be visible. 2. The search results should be visible on the screen. 3. On the top of the screen, the total result count is displayed. 4. The count value is greater than 0.
3.	The search results should be divided into categories.	1. Open <a href="http://www.google.com">www.google.com</a> . 2. Enter "relayr" in the search textbox and Click the "Search Google" button. 3. Verify whether the results are divided into the following categories. a. All b. Videos c. News	1. The Google homepage should be visible. 2. The search results should be visible on the screen. 3. The results are categorized based on the following categories. a. All b. Videos c. News d. Shopping e. Books

		d. Shopping e. Books f. More.	f. More.
4.	The Search results should contain the search text or part of the text as part of its content.	1. Open <a href="http://www.google.com">www.google.com</a> . 2. Enter "relayr" in the search textbox and Click the "Search Google" button. 3. Verify that each result has either the search text or part of the text if its a multi word search string as part of its content.	1. The Google homepage should be visible. 2. The search results should be visible on the screen. 3. Every result has either the whole search string or part of it as part of its content.
5.	When No search string is entered and the "Search google" button is clicked, no action should be taken.	1. Open <a href="http://www.google.com">www.google.com</a> . 2. Click "Search google" button. 3. Verify that no action is taken.	1. The Google homepage is visible. 2. There is no change on the screen.
6.	The user should be able to navigate to any of the result site by clicking the links provided as part of the search. (Automated)	1. Open <a href="http://www.google.com">www.google.com</a> . 2. Enter "relayr" in the search textbox and Click the "Search Google" button. 3. Click on the relayr.io link. 4. Verify that the user is navigated to the relayr home page.	1. The Google homepage should be visible. 2. The search results should be visible on the screen. 3. Relayr.io homepage should be visible on the screen.