**Test cases for search functionality**

Test data preparation

Note down all the categories of items which are available in the websites. After that for each categories note down the title of following items:

-Items having one word in title

-Items having multiple words in title.

-Items having special characters in title.(especially <>,(),{},[],’ ‘,” ”,&)

-Items having space after one character

-Items having very long title. (More than max character)

-Items starting with different characters and different alphabets.

**Field validation test cases**

1. Without entering anything click on Search button.

2. Click in the search field and press Enter key.

3. Enter any one character and click on Search button/press Enter key .

4. Enter only special characters and click on Search button.

5. Enter only numbers and click on Search button.

6. Enter alphanumeric characters and click on Search button

7. Enter alphanumeric characters and special characters and click on search button.

8. Enter string more than the max char limit of the field.

9. Enter string with spaces (before string , after string and in between) and verify the results.

Common Functional Test cases for search field

1. Enter the value in Search field which will give only one result and verify the UI of the page.

2. Enter the value in search field which will not give any results and Verify the UI.

3. Enter First / middle/ last word of any title and verify the search results.

4. For each item category -Enter the value in search field based on the above prepared “Test Data” and verify the search results. Verify this on all pages where Search functionality is available (Try to test different combination of test data in different pages).

5. For each category- Enter the value in search field which will give multiple results.

6. Verify the UI and pagination.

7. Verify sorting order of search results.

8. Validate the search results and no. of Search results from the DB.

9. For each category-Add new item in the system and after that search the same item through the Search field.

10. For each category-Update title of any existing item and after that search updated item through the Search field with old and new title.

11. For each category-Remove any existing item from the system and after that search same item through the Search field.

12. Verify the above test cases for logged In and not logged in user.

13. Verify that users are able to search public items only. They should not be able to search those items /details which are private.

14. Verify the Browser compatibility for the search functionality.

Test cases for search functionality

1. Check for cursor on the search text box in the starting position

2. Check whether the blank space is trimmed on starting of the first word in the text box

3. On no entry done in text box, check the engine does not display any result

4. Check no result is displayed on only single special character is entered in text box

5. Check the search response time

6. Check the total number of results to be displayed in one page

7. Check the page resolution

8. Check the URLs' unchecked are coloured BLUE & checked are Maroon

9. Check for total number of results found for a search

10. Check whether the search text box is present on top & bottom of the page

11. To check whether when we give the website it is correctly moved to that page.

12. To check whether search text box is there.

13. To check whether when we give null value and click for search it must throw a error message.

14. To check whether the user types any letter then it must display the related words.

15. To check it must have an advanced search option.

16. To check when we give search it must show the pages related to what actually the user needs.

17. To check whether it must work based upon seo.

18. To check when it directs to search on the top it must display what the user enters to search.