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# Manual Testing

The purpose of testing is to unearth bugs, defects in a software product. The software is tested to confirm that it works as intended. The various set of patterns for designing and choosing tests to perform (Bach, 2024).

## Objectives:

To test the Wikipedia URL. To identify all defects while using the Wikipedia website.

## Scope

Wikipedia exists in many languages. The English language Wikipedia will be tested only. The following functionalities will be tested.

* Navigation
* Searching
* Content Display
* User accessibility

The following will not be tested.

* Editing webpages
* Created accounts including registering editor accounts

## Resources

* Windows machine
* Chrome browser
* Human resource, Navdeep Kaur will be performing the manual tests.

## Schedule

The test will be perform on August 2024. The tests will be perform in a weeks’ time. The report will be available after the execution of the tests.

## Deliverables

A report recording all defects found and their severity. The end results will be shared. The purpose of deliverables is to full understand manual testing. They are not part of any Wikipedia project.

## Test Items

The following items will be tested.

* Search functionality including, Autosuggestion of topics
* Display with and without JavaScript enabled
* Navigation between pages
* Login and registration

# Test Cases

Test cases are well defined format for software testing (Geeeks, n.d.). It consists of a set of conditions to be checked.

|  |  |
| --- | --- |
| Module Name | Search |
| Test Case ID | Search\_01 |
| Tester Name | Navdeep |
| Test Case Description | To test the search functionality of <https://wikipedia.org> |
| Prerequisites | 1. Internet Connection 2. Firefox Browser |
| Environmental Information | 1. OS : Windows 10 2. System : Laptop |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test scenario | | | | | | | To check search term functionality of Wikipedia website. To check topic suggestions | | | |
|  | | | | | | | | | | |
| Test Case ID | | **Test Steps** | | | **Test input** | | **Expected Results** | | **Actual Results** | **Status** |
| 1 | | Visit <https://wikipedia.org> | | | Olympics | | A suggestion of relevant topics | | Olympic Games | **Pass** |
| Enter search term | | | Olympic Symbols |
| Wait a few seconds | | | Olympics on CBC Commentators |
| Test scenario | | | | | | | To check search term functionality of Wikipedia website.  To check topic suggestions of non-existing topic | | | |
|  | | | | | | | | | | |
| Test Case ID | | | **Test Steps** | | **Test input** | | **Expected Results** | | **Actual Results** | **Status** |
| 2 | | | Visit <https://wikipedia.org> | | hjfgdk | | No suggestion is shown | | Nothing is shown. No suggestion popup | **Pass** |
| Enter search term | |
| Wait a few seconds | |
| Test scenario | | | | | | To check search term functionality of Wikipedia website. To check detailed response of a search term. | | | | | |
|  | | | | | | | | | | | |
| Test Case ID | **Test Steps** | | | **Test input** | | **Expected Results** | | **Actual Results** | | **Status** | |
| 3 | Visit <https://wikipedia.org> | | | Olympics | | A detailed results page which include the word ‘Olympics’ | | The page  <https://en.wikipedia.org/wiki/Olympic_Games> is shown. | | **Pass** | |
| Enter search term | | |
| Click the search button which look like hourglass | | |

|  |  |
| --- | --- |
| Module Name |  |
| Test Case ID | Accessibility\_01 |
| Tester Name | Navdeep Kaur |
| Test Case Description | To test the search functionality of Wikipedia without JavaScript |
| Prerequisites | 1. Internet Connection 2. Firefox Browser 3. UBlock Origin |
| Environmental Information | 1. OS : Windows 10 2. System : Laptop |

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| --- | --- | --- | --- | --- | --- |
| Test scenario | | | To check page display if JavaScript is disabled. | | |
|  | | | | | |
| Test Case ID | **Test Steps** | **Test input** | **Expected Results** | **Actual Results** | **Status** |
| 4 | Visit <https://wikipedia.org> | Olympics | A result pages which is readable. | Olympic Games | **Pass** |
| Disable JavaScript using UBlock Origin extension | Olympic Symbols |
| Enter the search term | Olympics on CBC Commentators |
| Click the search icon |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test scenario | | | To check page display if JavaScript is disabled. | | |
|  | | | | | |
| Test Case ID | **Test Steps** | **Test input** | **Expected Results** | **Actual Results** | **Status** |
| 5 | Visit <https://wikipedia.org> | None | A way to switch between light and dark mode | There is no way of viewing the page in dark mode. | **Fail** |
| Find a toggle for dark and light mode |

|  |  |
| --- | --- |
| Module Name |  |
| Test Case ID | Display\_01 |
| Tester Name | Navdeep Kaur |
| Test Case Description | To test page layout under different window sizes. |
| Prerequisites | 1. Internet Connection 2. Firefox Browser |
| Environmental Information | 1. OS : Windows 10 2. System : Laptop |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test scenario | | | To check content display under different device sizes. E.g Display under mobile and desktop devices | | |
|  | | | | | |
| Test Case ID | **Test Steps** | **Test input** | **Expected Results** | **Actual Results** | **Status** |
| 6 | Visit <https://wikipedia.org> |  | The page content should be layout differently depending on the size of the windows | When the windows is small (Mobile size) the search button is position in the top while in desktop mode the languages map is shown on top. | **Pass** |
| Resize Firefox browser windows |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test scenario | | | To check content layout in different languages. | | |
|  | | | | | |
| Test Case ID | **Test Steps** | **Test input** | **Expected Results** | **Actual Results** | **Status** |
| 7 | Visit <https://wikipedia.org> |  | The page layout should be fairly similar. | The pages are quite different. It’s Difficult to navigate back. | **Fail** |
| Choose English language |
| View the layout |
| Go back and choose Japanese language |

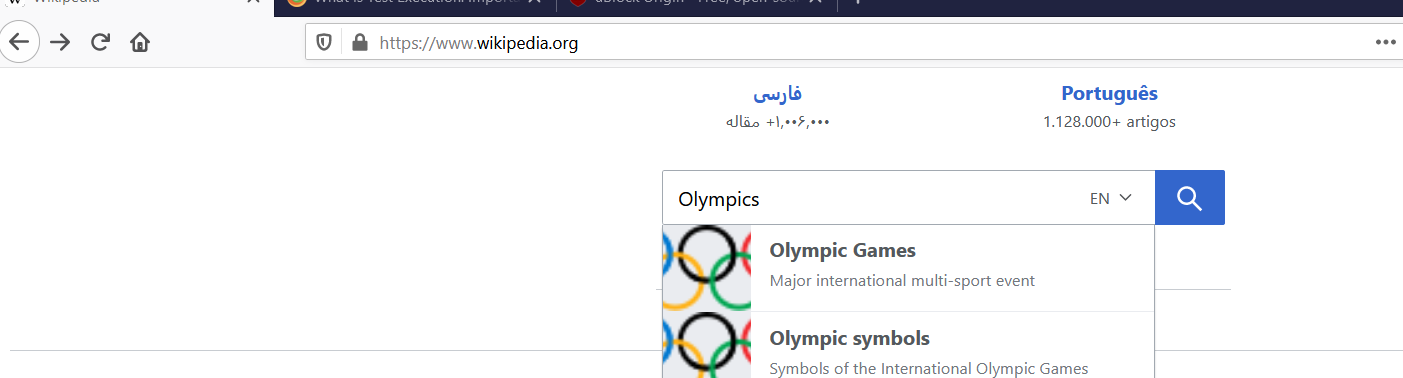
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test scenario | | | To check for duplicate functionality. | | |
|  | | | | | |
| Test Case ID | **Test Steps** | **Test input** | **Expected Results** | **Actual Results** | **Status** |
| 8 | Visit <https://wikipedia.org> | None | There should no duplication | Both actions do the same thing. They allow a user to pick different language. | **Fail** |
| Pick the language dropdown |
| Click ‘Read Wikipedia in your language” |

|  |  |
| --- | --- |
| Module Name |  |
| Test Case ID | Accounts\_01 |
| Tester Name | Navdeep Kaur |
| Test Case Description | To create account and login. |
| Prerequisites | 1. Internet Connection 2. Firefox Browser |
| Environmental Information | 1. OS : Windows 10 2. System : Laptop |

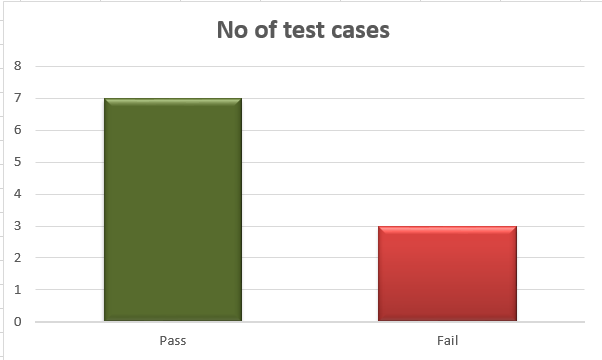
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test scenario | | | To test for account creation buttons | | |
|  | | | | | |
| Test Case ID | **Test Steps** | **Test input** | **Expected Results** | **Actual Results** | **Status** |
| 9 | Visit <https://wikipedia.org> | None | There should be a button to create an account. | There is Create Account and Login buttons | **Pass** |
| Click “English Language” |
| Test scenario | | | To test account registration | | |
|  | | | | | |
| Test Case ID | **Test Steps** | **Test input** | **Expected Results** | **Actual Results** | **Status** |
| 10 | Visit <https://wikipedia.org> | None | A page asking for registration details | A new page [Create Account Page](https://en.wikipedia.org/w/index.php?title=Special:CreateAccount&returnto=Main+Page). The page is asking for username, password, and email. | **Pass** |
| Click “English Language” |
| Click Create Account |

# Test Execution

The tests was by perform by Navdeep Kaur using Windows Laptop. Firefox browser was used to visit Wikipedia website. The following extension was used [UBlock Origin Website](https://ublockorigin.com/).



# Test Reports



# Bibliography

Bach, J. (2024). *Heuristic Test Strategy Model.* www.satisfice.com.

Geeeks, G. f. (n.d.). *How to write Test Cases – Software Testing*. Retrieved from https://www.geeksforgeeks.org/test-case/