

# Test Charter

## The Search Page of Wikipedia

### Overview

The purpose of the test session is to explore the search page and search functionality of the Wikipedia web application.

Wikipedia is a multilingual open online encyclopedia written and maintained by a community of volunteers through open collaboration and a wiki-based editing system.

The main focus is in the search functionality, filters and the corresponding results the users should see. As this is an exploratory session, opportunities and improvements will also be noted where observed.

### Start

19-04-2022

### Duration

This test session lasted for 90minutes. This was strictly for the test execution and not the test preparation and report.

### Tester

Oluwagbenro Oni

### Setup

For the setup, the following are required for the exploration of the system as these are important for a successful test execution:

- Make sure you have a laptop and a browser to ensure the successful opening of a website.

- Make sure you have access to the website.
- Make sure laptop has a screenshot functionality or an application that can take screenshots

## Features Under Test

- Main Search Box
- Advanced Search Filter - Search in page text
- Advanced Search Filter - Files and Images
- Advanced Search Filter - Sort Order
- Search In Filter

## Features Not Under Test

- Page Links
- Top Right Search Box
- Language Settings

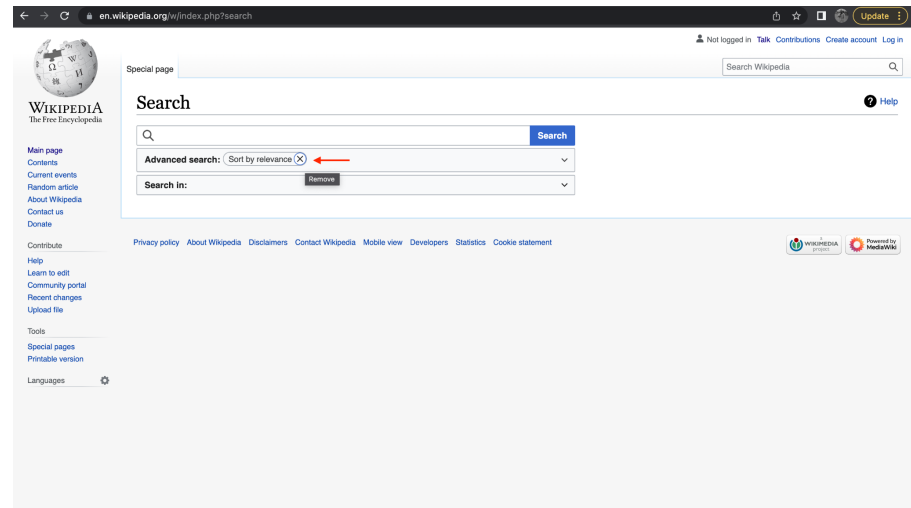
## Test Steps

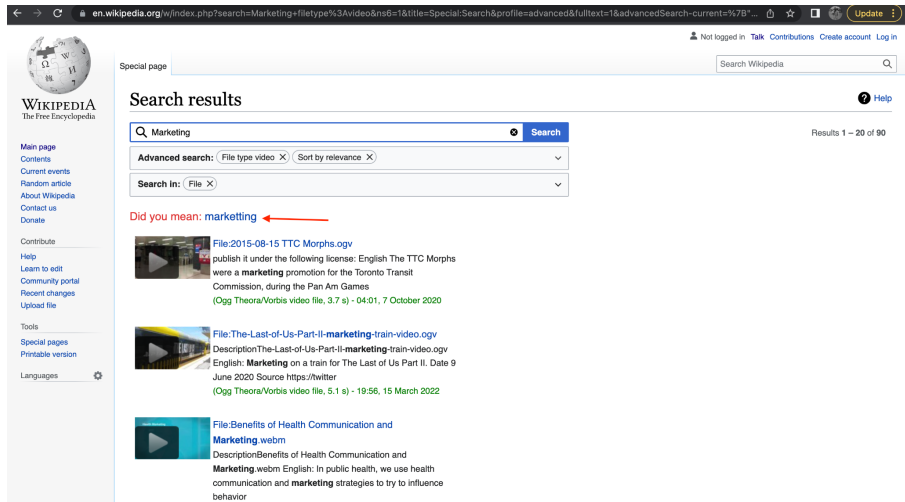
These steps will serve as a guide on how the features were tested

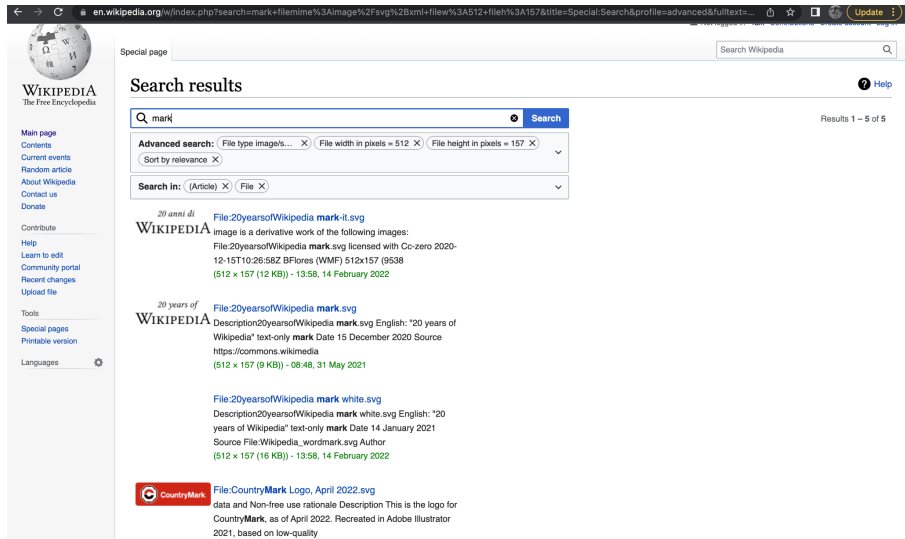
| Step ID | Step Action   |
|---------|---|
| TS001   | Visit <a href="https://en.wikipedia.org/w/index.php?search">https://en.wikipedia.org/w/index.php?search</a> |
| TS002   | Search with <b>Default</b> Setting and review corresponding results   |
| TS003   | Search with <b>Advanced Search Filter - Search in page text</b> variations and review corresponding results |
| TS004   | Search with <b>Advanced Search Filter - Files and Images</b> variations and review corresponding results    |
| TS005   | Search with <b>Advanced Search Filter - Sorting Order</b> variations and review corresponding results       |
| TS006   | Search with combination of All <b>Advanced Search Filters</b> variations and review corresponding results   |

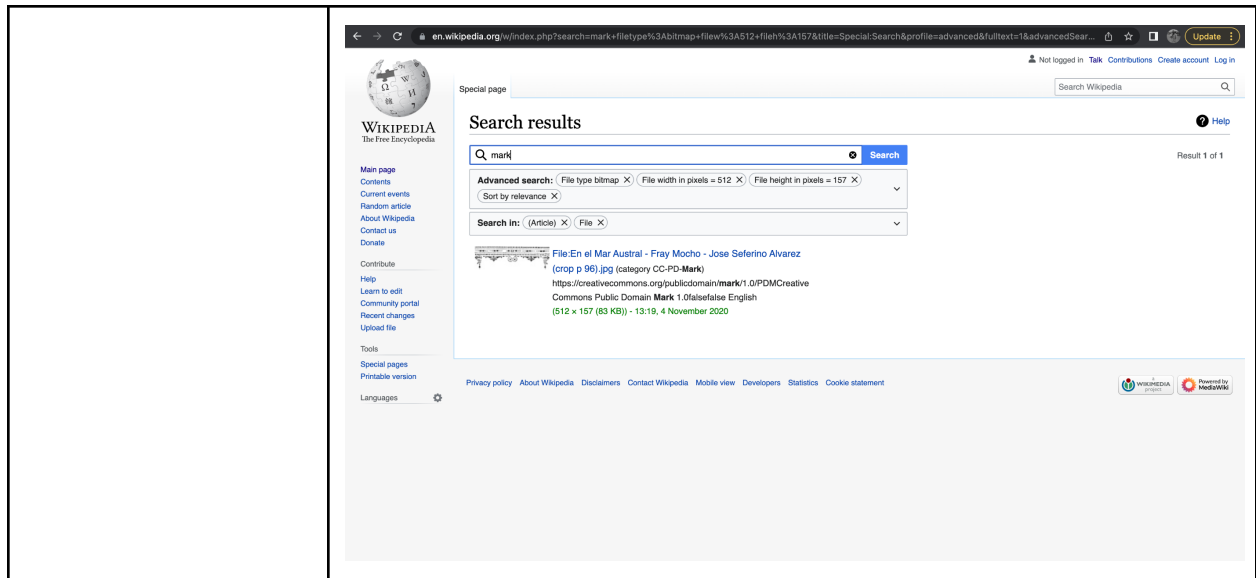
|       |   |
|-------|---|
| TS007 | Search with <b>Search In Filters</b> variations and review corresponding results  |
| TS008 | Search with combination of All <b>Advanced Search and Search In Filters</b> variations and review corresponding results |

## Bugs

|             |  |
|-------------|--|
| Bug         | Exploratory Testing  |
| ID          | BUG001   |
| Summary     | The button for removing the Sort By Filter doesn't respond   |
| Environment | MacBook Pro M1, Google Chrome  |
| Description | <p>Steps to Reproduce</p> <ul style="list-style-type: none"> <li>- Visit <a href="https://en.wikipedia.org/w/index.php?search">https://en.wikipedia.org/w/index.php?search</a></li> <li>- Click on the X button attached to the Sort By Relevance filter</li> </ul> <p>Expected Result: Filter is removed like in other filters</p> <p>Actual Result: Filter remains after clicking the button</p>   |
| Screenshot  |  <p>The screenshot shows the Wikipedia search interface. The 'Advanced search' section is visible, with 'Sort by relevance' selected. A red arrow points to the 'X' button next to the filter name. The 'Search in:' dropdown is also visible. The page layout includes the Wikipedia logo, navigation links, and a footer with privacy policy and donation information.</p> |

|                    |   |
|--------------------|---|
| <b>Bug</b>         | <b>Exploratory Testing</b>  |
| <b>ID</b>          | BUG002  |
| <b>Summary</b>     | Search with Video Filter returns false suggestion error when using a valid text   |
| <b>Environment</b> | MacBook Pro M1, Google Chrome   |
| <b>Description</b> | <p>Steps to Reproduce</p> <ul style="list-style-type: none"> <li>- Visit <a href="https://en.wikipedia.org/w/index.php?search">https://en.wikipedia.org/w/index.php?search</a></li> <li>- Click on the Advanced Search Box</li> <li>- Under the Files and Images section, select Video in the File Type Select Box</li> <li>- Enter <b>Marketing</b> in the main search box and click the search button</li> </ul> <p>Expected Result: Search results should be returned for <b>Marketing</b> without suggestion error</p> <p>Actual Result: Search results should be returned for <b>Marketing</b> with suggestion error</p> |
| <b>Screenshot</b>  |   |
| <b>Notes</b>       | This bug doesn't happen for all texts and all search filter variations. In this case it is with the text Marketing and video filter. In some other cases, an example is the <b>Love</b> text and image/image size filter that gives a suggestion error <b>Live</b>  |

|             |   |
|-------------|---|
| Bug         | Exploratory Testing   |
| ID          | BUG003  |
| Summary     | Search with Image/Image Size Filter doesn't return all image format results   |
| Environment | MacBook Pro M1, Google Chrome   |
| Description | <p>Steps to Reproduce</p> <ol style="list-style-type: none"> <li>1. Visit <a href="https://en.wikipedia.org/w/index.php?search">https://en.wikipedia.org/w/index.php?search</a></li> <li>2. Click on the Advanced Search Box</li> <li>3. Under the Files and Images section, select svg under Images Types in the File Type Select Box</li> <li>4. Make File Width 512 with an equal to constraint</li> <li>5. Make File Height 157 with an equal to constraint</li> <li>6. Search for <b>Mark</b> in Main Search Box</li> <li>7. Note Results</li> <li>8. Repeat Steps 1 and 2</li> <li>9. Under the Files and Images section, select Image under in the File Type Select Box</li> <li>10. Repeat Step 4 - 6</li> <li>11. Note Results</li> </ol> <p>Expected Result: Results from Step 11 should include results in step 7 as svg are image formats</p> <p>Actual Result: Results from Step 11 didn't include results in step 7, only jpg formats.</p>  |
| Screenshot  |  <p>The screenshot shows the Wikipedia search results page for the term 'mark'. The search filters are set to 'File type images...', 'File width in pixels = 512 X', and 'File height in pixels = 157 X'. The results are sorted by relevance. Three results are displayed:</p> <ul style="list-style-type: none"> <li><b>File:20yearsofWikipedia mark-it.svg</b>: Image is a derivative work of the following images: File:20yearsofWikipedia mark.svg licensed with Co-zero 2020-12-15T10:26:58Z BFlores (WMF) 512x157 (9538 (512 × 157 (12 KB)) - 13:58, 14 February 2022</li> <li><b>File:20yearsofWikipedia mark.svg</b>: Description20yearsofWikipedia mark.svg English: "20 years of Wikipedia" text-only mark Date 15 December 2020 Source <a href="https://commons.wikimedia">https://commons.wikimedia</a> (512 × 157 (8 KB)) - 08:48, 31 May 2021</li> <li><b>File:20yearsofWikipedia mark white.svg</b>: Description20yearsofWikipedia mark white.svg English: "20 years of Wikipedia" text-only mark Date 14 January 2021 Source File:Wikipedia_wordmark.svg Author (512 × 157 (16 KB)) - 13:58, 14 February 2022</li> </ul> <p>At the bottom, there is a result for <b>File:CountryMark Logo, April 2022.svg</b> with a description: 'data and Non-free use rationale Description This is the logo for CountryMark, as of April 2022. Recreated in Adobe Illustrator 2021, based on low-quality'.</p> |



## Improvements/Opportunities

| Improvement | Exploratory Testing   |
|-------------|---|
| 1           | For the Advanced Search Filter, there should be a note or disclaimer letting the user know the text filters will also affect the title search and not just the page context. This will help the users properly construct their task query |
| 2           | For the Search In Filter, Adding namespaces should support a substring search and not strictly a prefix search  |
| 3           | There should be a navigation link to this page as users who are not knowledgeable of the direct link might never be able to use the Advanced filter   |