**Test Cases for Wikipedia Homepage**

1. Search Functionality

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| Test ID | Description | Test Steps | Test Data | Expected Result | Actual Result | Status |
| TC-01 | |  | | --- | | Verify the search bar displays correct results for a valid query. |  |  | | --- | |  | | 1. Navigate to Wikipedia homepage. 2. Enter 'Python' in the search bar. 3. Click on the search icon. | Query: Python | Wikipedia page for 'Python' is displayed. |  | Pass |
| TC-02 | Verify the search bar handles invalid input gracefully. | 1. Navigate to Wikipedia homepage. 2. Enter '@#$%' in the search bar. 3. Click on the search icon. | Query: @#$% | Error message or no results found is displayed. |  | Pass |
| TC-03 | Verify the search bar redirects to a valid article when a known term is searched. | 1. Navigate to Wikipedia homepage. 2. Search for a valid term (e.g., 'Software Engineering'). 3. Verify that the correct article is displayed. | Query: Software Engineering | Correct article page is displayed. |  | Pass |

### **Language Selector**

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| Test ID | Description | Test Steps | Test Data | Expected Result | Actual Result | Status |
| TC-04 | |  | | --- | | Verify the language dropdown displays all supported languages. |  |  | | --- | |  | | 1. Navigate to Wikipedia homepage. 2. Click on the language dropdown. 3. Verify all available languages are displayed. | No specific data | The language dropdown shows a list of all available languages. |  | Pass |
| TC-05 | |  | | --- | | Verify the homepage content changes when a language is selected. |  |  | | --- | |  | | 1. Navigate to Wikipedia homepage. 2. Select 'Español' from the language dropdown. 3. Verify that the page content changes to Spanish. | |  | | --- | | Language: Español |  |  | | --- | |  | | |  | | --- | | Homepage content is displayed in Spanish. |  |  | | --- | |  | |  | Pass |
| TC-06 | |  | | --- | | Verify language selection persists after page refresh. |  |  | | --- | |  | | 1. Navigate to Wikipedia homepage. 2. Select 'Deutsch' from the language dropdown. 3. Refresh the page. 4. Verify that the page is still displayed in German. | |  | | --- | | Language: Deutsch |  |  | | --- | |  | | The page content remains in German after refresh.. |  | Pass |

1. Footer Link

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| Test ID | Description | Test Steps | Test Data | Expected Result | Actual Result | Status |
| TC-07 | |  | | --- | | Verify all footer links are clickable and functional.. |  |  | | --- | |  | | 1. Navigate to Wikipedia homepage. 2. Click on each link in the footer. 3. Verify that each link redirects to the correct page. | Footer Links | All footer links redirect to the correct pages |  | Pass |
| TC-08 | Verify the 'Privacy Policy' footer link redirects to the correct page. | 1. Navigate to Wikipedia homepage. 2. Click on 'Privacy Policy' in the footer. 3. Verify that the Privacy Policy page is displayed. | Link: Privacy Policy | Privacy Policy page is displayed correctly |  | Pass |
| TC-09 | Verify 'About Wikipedia' footer link redirects correctly. | 1. Navigate to Wikipedia homepage. 2. Click on 'About Wikipedia' in the footer. 3. Verify the About Wikipedia page loads. | |  | | --- | | Link: About Wikipedia |  |  | | --- | |  | | |  | | --- | | About Wikipedia page is displayed correctly. |  |  | | --- | |  | |  | Pass |

1. Navigation

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| Test ID | Description | Test Steps | Test Data | Expected Result | Actual Result | Status |
| TC-10 | |  |  |  | | --- | --- | --- | | |  | | --- | | Verify clicking the Wikipedia logo redirects to the homepage. |  |  | | --- | |  | |  |  | | --- | |  | | 1. Navigate to any article page on Wikipedia. 2. Click on the Wikipedia logo in the top-left corner. 3. Verify redirection to the homepage. | |  | | --- | | No specific data |  |  | | --- | |  | | User is redirected to the Wikipedia homepage. |  | Pass |
| TC-11 | |  | | --- | | Verify the 'Main Page' link in the navigation bar redirects to the main page. |  |  | | --- | |  | | 1. Navigate to any Wikipedia page. 2. Click on the 'Main Page' link in the navigation bar. 3. Verify that the user is redirected to the main page. | |  | | --- | | No specific data |  |  | | --- | |  | | |  | | --- | | User is redirected to the Wikipedia main page. |  |  | | --- | |  | |  | Pass |
| TC-12 | Verify 'Random Article' link in the navigation redirects to a random article. | 1. Navigate to the Wikipedia homepage. 2. Click on 'Random article' in the navigation. 3. Verify the user is redirected to a random article. | |  |  |  | | --- | --- | --- | | |  | | --- | | No specific data |  |  | | --- | |  | |  |  | | --- | |  | | |  |  |  | | --- | --- | --- | | |  | | --- | | User is redirected to a random article. |  |  | | --- | |  | |  |  | | --- | |  | |  | Pass |

1. Logo and Branding

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| Test ID | Description | Test Steps | Test Data | Expected Result | Actual Result | Status |
| TC-13 | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | Verify the Wikipedia logo redirects to the homepage. |  |  | | --- | |  | |  |  | | --- | |  | |  |  | | --- | |  | | 1. Navigate to any article. 2. Click on the Wikipedia logo in the top-left corner. 3. Verify the redirection to the homepage. | |  | | --- | | No specific data |  |  | | --- | |  | | |  | | --- | | User is redirected to the Wikipedia homepage. |  |  | | --- | |  | |  | Pass |
| TC-14 | |  |  |  | | --- | --- | --- | | |  | | --- | | Verify the logo is properly displayed on all screen sizes. |  |  | | --- | |  | |  |  | | --- | |  | | 1. Open Wikipedia homepage on different devices. 2. Ensure the logo is clearly visible and scales correctly on various screen sizes.. | |  |  |  | | --- | --- | --- | | |  | | --- | | Device: Mobile/Desktop |  |  | | --- | |  | |  |  | | --- | |  | | |  |  |  | | --- | --- | --- | | |  | | --- | | Logo is correctly displayed on all devices and screen sizes. |  |  | | --- | |  | |  |  | | --- | |  | |  | Pass |
| TC-15 | |  | | --- | | Verify the branding colors are consistent across the homepage. |  |  | | --- | |  | | 1. Navigate to Wikipedia homepage. 2. Check if the logo and overall page adhere to Wikipedia's brand color scheme. | |  |  |  | | --- | --- | --- | | |  | | --- | | No specific data |  |  | | --- | |  | |  |  | | --- | |  | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | |  | | --- | | The branding colors are consistent and match the Wikipedia style guide. |  |  | | --- | |  | |  |  | | --- | |  | |  |  | | --- | |  | |  | Pass |