**Test Execution Report**

**Project Name:** Wikipedia Homepage Testing

**Project URL:** https://www.wikipedia.org/

**Test Framework:** Cypress with Page Object Model (POM)

**Report Date:** [16-Nov-2024]

**1. Objective**

To provide a detailed account of the execution of test cases performed on the Wikipedia homepage, focusing on results, issues encountered, and overall status.

**2. Test Scope**

The scope of the testing includes:

1. Search Functionality
2. Language Selector
3. Navigation Links
4. Footer Links
5. Logo and Branding

**3. Test Execution Summary**

| Module | Test Cases Executed | Passed | Failed | Blocked | Skipped |
| --- | --- | --- | --- | --- | --- |
| Search Functionality | 3 | 3 | 0 | 0 | 0 |
| Language Selector | 3 | 3 | 0 | 0 | 0 |
| Navigation Links | 3 | 3 | 0 | 0 | 0 |
| Footer Links | 3 | 3 | 0 | 0 | 0 |
| Logo and Branding | 3 | 3 | 0 | 0 | 0 |
| Total | 15 | 15 | 0 | 0 | 0 |

**4. Detailed Execution Results**

**4.1 Search Functionality**

* Number of Test Cases: 6
* Passed: 6
* Issues: None
* Notes: The search bar handled valid, invalid, and edge-case inputs without issues.

**4.2 Language Selector**

* Number of Test Cases: 5
* Passed: 5
* Issues: None
* Notes: The language selection persisted correctly across sessions and refreshes.

**4.3 Navigation Links**

* Number of Test Cases: 4
* Passed: 4
* Issues: None
* Notes: Navigation links redirected to appropriate pages, including "Main Page" and "Random Article."

**4.4 Footer Links**

* Number of Test Cases: 3
* Passed: 3
* Issues: None
* Notes: All footer links were functional and accessible.

**4.5 Logo and Branding**

* Number of Test Cases: 3
* Passed: 3
* Issues: None
* Notes: The Wikipedia logo and branding were consistent across devices and screen sizes.

**5. Defects Summary**

* Total Defects Found: 0
* Severity: No critical, high, or medium severity defects.
* Status: No defects to track.

**6. Tools Used**

* Automation Framework: Cypress with POM
* Browser Testing: Chrome, Firefox, Edge
* Device Testing: Desktop, Mobile, Table

**7. Observations and Recommendations**

1. The website demonstrated excellent functionality and stability during testing.
2. Recommend adding API testing for backend validation of search functionality.
3. Periodically retest functionalities to ensure stability during updates.

**8. Conclusion**

The testing of the Wikipedia homepage was successfully completed. All 21 test cases passed, with no defects identified. The application meets functional and non-functional requirements effectively.