**Test Cases**

Test 1: Testing selection of the source, date and language and the Search button

|  |  |  |
| --- | --- | --- |
| Action | Expected response | Actual response |
| Select the source, date and language and click Search | Display the source, date and language |  |
| Select source only and click Search | Displays error message requiring date entry |  |
| Select date only and click Search | Displays error message requiring source entry |  |
| Select source and date and click Search | Displays the source, date and default language |  |
| Select source and language and click Search | Displays error message requiring date entry |  |
| Select date and language and click Search | Displays error message requiring source entry |  |

Test 2: Testing year, month and day

|  |  |  |
| --- | --- | --- |
| Action | Expected response | Actual response |
| Select year only | Displays error message requiring month entry |  |
| Select month only | Displays error message requiring year entry |  |
| Select both year and month | Go to the display page |  |

Test 3: Testing selection of links and Download button

|  |  |  |
| --- | --- | --- |
| Action | Expected response | Actual response |
| Click Select All button | All links are selected |  |
| Choose specific links and press Download | Only those specific links are chosen and downloaded |  |

Test 4: Testing reset button

|  |  |  |
| --- | --- | --- |
| Action | Expected response | Actual response |
| Click Reset button | Go back to the selection of source, language and date |  |

**Unit testing**

Feature 1: Testing the function *Get Data*

The test will make sure that after clicking the *Submit* button, the function will correctly receive the value for the three inputs, X, Y and Z and it will return the values as an array [Language, date, dataset] to the *Convert to URL* function.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| X [Language] | Y [Date] | Z [Dataset] | Expected output | Actual response |
| English | 201811 | Wikidata | [English, 201811, wikidata] |  |
| French | 201811 | Wikidata | [French, 201811, wikidata] |  |
| English | 201711 | Wikidata | [English, 201711, wikidata] |  |
| French | 201805 | Wikipedia | [French, 201805, wikidata] |  |
| English | 201811 | Wikipedia | [English, 201804, wikidata] |  |