|  |  |
| --- | --- |
| **Test Case**  **Project Name:** Pandemic Tracker | |
| **Test Case ID:** TEST-CC-001-1 | **Test Designed by:** Daniel de Beer |
| **Test Priority:** High | **Test Designed date:** 11 May 2020 |
| **Module Name:** Display comparison for countries | **Test Executed by:** Customer and Developer |
| **Test Title:**  Compare Countries Template Test | **Test Execution date:** 11 May 2020 |
| **Description:**  This test will be a black box test carried out by a member of the public acting as a customer, and a white box text carried out by a member of the developer team.  **Objective:**  Ensuring that the Compare Countries page returns valid data, and that it loads correctly. Ensuring the page meets quality standards.  Specifically, we want to ensure that   * The page loads * The information is accurate * The layout and visualization is aesthetically pleasing | | |  |
|  |  |
|  |  |
| **Pre-conditions:**  Compare countries page must be loaded (root/compare\_countries) and must have received the database data as a Jinja object (”countries”). | |
|  | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Load root/compare\_countries webpage | Country list data from database | Webpage loads all components without errors | Webpage loads successfully | Pass |  |
| 2 | Choose a new country for the left/right side of the table | Country list data from database | Left/right country name, data, and flag changes | Left/right country changes occur effectively | Pass |  |
| 3 | Hover mouse over either bar graph (left/right) | Country list data from database | Bar graph visualization shows data breakdown | Breakdown of data shows effectively | Pass |  |

|  |
| --- |
| Post-conditions: The user is able to navigate back to the home page or any other page using the navigation bar at the top of the page. |

|  |  |
| --- | --- |
| **Test Case**  **Project Name:** Pandemic Tracker | |
| **Test Case ID:** TEST-CL-001-1 | **Test Designed by:** Daniel de Beer |
| **Test Priority:** High | **Test Designed date:** 11 May 2020 |
| **Module Name:** Display statistics | **Test Executed by:** Customer and Developer |
| **Test Title:** Country List Template Test | **Test Execution date:** 11 May 2020 |
| **Description:** This test will be carried out black-box by a customer (member of the public) and white-box by a developer. The test checks that the country list webpage loads correctly and shows the right information.  **Objective:** Ensure the quality and consistency of the data visualization on the country list page.  Specifically, we want to ensure that   * The page loads properly without errors * All the countries show in the list * The list sorts itself by column * Each eligible country has an associated flag | | |  |
| **Pre-conditions:**  Country list page must be loaded (root/country) and must have received the database country data as a Jinja object (”countries”). | |
|  | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Load webpage | Database country data | Webpage loads without errors | Webpage loads without errors | Pass |  |
| 2 | Scroll down table | Database country data | Table scrolls through smoothly | Table scroll works perfectly | Pass |  |
| 3 | Click on the table headers | Database country data | Table sorts itself by the column clicked | Table sort works perfectly | Pass |  |
| 4 | Read data in table | Database country data | Table data reflects country specific data in database | Data is reflected properly, yes | Pass |  |

|  |
| --- |
| Post-conditions: The user is able to navigate back to the home page or any other page using the navigation bar at the top of the page. |

|  |  |
| --- | --- |
| **Test Case**  **Project Name:** Pandemic Tracker | |
| **Test Case ID:** TEST-H-001-1 | **Test Designed by:** Daniel de Beer |
| **Test Priority:** High | **Test Designed date:** 11 May 2020 |
| **Module Name:** Display information | **Test Executed by:** Customer and Developer |
| **Test Title:** Homepage Template Test | **Test Execution date:** 11 May 2020 |
| **Description:** This test will be carried out black-box by a customer (member of the public) and white-box by a developer. The test checks that the homepage of the Pandemic Tracker website loads correctly with the data and the flag links  **Objective:** Ensure the quality and consistency of the homepage data presentation and flags displayed  Specifically, we want to ensure that   * The page loads properly without errors * All the country flags of the world are shown * Clicking on a flag brings you to that country’s data page | | |  |
| **Pre-conditions:**  Homepage must be loaded (root/) and must have received the database country data as a Jinja object (”countries”). | |
|  | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Load webpage | Database country data | Webpage loads without errors | Webpage loads without errors | Pass |  |
| 2 | Read the global cases visualization | Database country data | The global cases visualization is correct | Data is correct according to other sources | Pass |  |
| 3 | Click on a country’s flag | Database country data | The link will bring you to a page that shows only that country’s data and flag | The link works and brings you to that page | Pass |  |

|  |
| --- |
| Post-conditions: The user, if they click on a flag, will end up at the single country page they wanted to reach (root/”countryName”). Otherwise, they will be able to use the navigation bar to reach other sections of the website. |