# Test Strategy

# Edward Davidson

# S1604249

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID** | **Test** | **Expected Result** | **Actual Result** | | **Comments** |
| 1 | Pressing the roadworks button displays data from the roadworks stream | The data from the roadworks stream is displayed in the expandable lists | | As expected | Pass |
| 2 | Pressing the planned roadworks button displays data from the planned roadworks stream | The data from the planned roadworks stream is displayed in the expandable lists | | As expected | Pass |
| 3 | Pressing the current incidents button displays data from the planned roadworks stream | The data from the current incidents stream is displayed in the expandable lists | | As expected | Pass |
| 4 | If there is no data in the stream, a message is shown to the user | System displayed “No *Selected Stream* Found!” as a toast message showing the selected stream | | As expected | Pass |
| 5 | User cannot interact with the system while it is getting the data | Buttons are disabled and loading symbol is shown. Buttons re-enabled and loading symbol removed after processing | | As expected | Pass |
| 6 | The search button becomes visible and clickable when a stream is selected | Search button becomes visible | | As expected | Pass |
| 7 | The stream buttons turn green when selected | Selected button turns green, other buttons turn while | | As expected | Pass |
| 8 | User can view roadworks details | Clicking an expandable list shows the correct information | | As expected | Pass |
| 9 | User can hide roadworks details | Clicking an expandable list hides the information | | As expected | Pass |
| 10 | Pressing search button takes the user to the search page | Pressing search button takes the user to the search page | | As expected | Pass |
| 11 | Search page displays the correct stream | Search page displays the data selected previously | | As expected | Pass |
| 12 | User can enter a query into the search field | User can enter a query into the search field | | As expected | Pass |
| 13 | Search function shows the results which the user searched for | Search function shows expected results | | As expected | Pass |
| 14 | Search function returns results with different case | ‘m6’ will return results with ‘m6’ and ‘M6’ | | As expected | Pass |
| 15 | Message is shown to the user if there are no results for the search | ‘No results for ‘*search*’’ is shown to the user | | As expected | Pass |
| 16 | In an expanded list, the user can view the roadworks duration by clicking on the ‘Start Date’ and ‘End Date’ field | ‘Roadworks will last for \* days’ is shown to the user, showing the correct number of days | | As expected | Pass |
| 17 | Roadwork durations with 1 day are shown in the colour CYAN | Toast saying the correct duration in the expected result is shown | | As expected | Pass |
| 18 | Roadwork durations with 2-10 days are shown in the colour GREEN | Toast saying the correct duration in the expected result is shown | | As expected | Pass |
| 19 | Roadwork durations with 11-99 days are shown in the colour YELLOW | Toast saying the correct duration in the expected result is shown | | As expected | Pass |
| 20 | Roadwork durations with 100 days or more are shown in the colour RED | Toast saying the correct duration in the expected result is shown | | As expected | Pass |
| 21 | In an expanded list, the user can view the roadworks on the map by clicking the ‘View on Map’ field | User is taken to the MapView page showing the location with a marker | | As expected | Pass |