**Logo

Description automatically generated**

**Mobile Platform Development**

**2021 – 2022**

**Department of Computing**

**Blair Nimmo**

**S1802408**

**“I declare that all work submitted for this coursework is the work of Blair Nimmo**

**alone unless stated otherwise.”**

**Mobile Platform Development – Testing Documentation**

This report documents the written testing strategy for the mobile application development to display Traffic Scotland RSS feeds.

Relevant links to the project stored on GitHub are as follows:

GitHub Repository:

<https://github.com/bnimmo200/Nimmo_Blair_S1802408_MPD_TrafficScotland>

Project .apk File:

<https://github.com/bnimmo200/Nimmo_Blair_S1802408_MPD_TrafficScotland/blob/master/app-debug.apk>

Project MP4:

<https://github.com/bnimmo200/Nimmo_Blair_S1802408_MPD_TrafficScotland/blob/master/Nimmo_Blair_S1802408_MPD_Video.mp4>

The testing strategy is documented below:

|  |  |  |  |
| --- | --- | --- | --- |
| **Test** | **Expected Result** | **Actual Result** | **Evidence** |
| Current incidents loads | Current incidents screen loads on demand | Current incidents screen loads on demand |  |
| Ongoing roadworks loads | Ongoing roadworks screen loads on demand | Ongoing roadworks screen loads on demand |  |
| Planned roadworks loads | Planned roadworks screen loads on demand | Planned roadworks screen loads on demand |  |
| All relevant data is appropriately displayed | Relevant data is displayed in an easy-to-read format | Relevant data is appropriately displayed |  |
| Application can scroll | Users can scroll down the application to see further entries | Scrolling to see further entries works |  |
| Search function works and returns appropriate entries | Users can enter keyword into the search function to display entries with the relevant keywords | Search function works and displays relevant entries based on keyword |  |
| Search function excludes irrelevant entries | When a search is made entries not containing the relevant keyword are not displayed | Irrelevant entries are not displayed | Bottom of screen after searching for Cleanhill in planned roadworks: |