**Alastair Kilgour – S2221119**

**Mobile Platform Development Coursework**

**Links**

Project: <https://github.com/akilgour350/MobDevCwk>

Video: <https://github.com/akilgour350/MobDevCwk/blob/main/Kilgour_Alastair_S2221119_video.mp4>

APK: <https://github.com/akilgour350/MobDevCwk/blob/main/app-debug.apk>

**Testing Records**

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| --- | --- | --- | --- |
| **Test #** | **Test** | **Expected Output** | **Actual Output** |
| 1 | Run the application. | The application will load onto *activity\_main* and data will load (shown by SnackBar at bottom) | As expected |
| 2 | Click the “Refresh Data” button to retrieve the latest data. | The data will refresh, shown by the SnackBar at the bottom. | As expected |
| 3 | Rotate the device 90 degrees to show the interface in landscape mode. | The layout will rotate with all views remaining visible (ie. not overlapping). | As expected |
| 4 | Click the “Browse Earthquakes” button to view the list of all earthquakes. | BrowseEarthquakes activity loads with colour-coded list of earthquakes. | As expected |
| 5 | Click an earthquake to view more information on that earthquake. | MoreInfo activity loads with the information about that earthquake. | As expected |
| 6 | On the BrowseEarthquake activity, click “Search” without entering any data. | Pop-up appears telling user to enter search criteria. | As expected |
| 7 | On the BrowseEarthquake activity, enter “Oban” and click “Search”. | Results for all earthquakes near Oban appear. | As expected |
| 8 | On the BrowseEarthquake activity, select “Date” search option and enter “23 Mar 2023” | Results for earthquakes on 23rd March appear. | As expected |
| 9 | On the MainActivity, click one of the “Interesting Earthquakes”. | Earthquake will open in MoreInfo activity with map displaying position. | As expected |
| 10 | Rotate device 90 degrees to show the interface in landscape mode. | MoreInfo activity changes to landscape mode with map displayed next to data.+ | As expected |
| 11 | Disconnect device from internet and click “Refresh Data” on MainActivity. | Pop-up appears saying the data couldn’t be loaded. | As expected |