Test Case ID	Test Case #01
Test Case Summary	To test if a user is easily able to view forecast details for a weather station.
Related Requirement	1. Currently your program extracts and graphs historical information from the BoM. In Part 2 you are to get forecast information from forecast.io and integrate it with your existing system.
Prerequisites	-
Test Procedure	1. Visit a station's weather details page. 2. Click "View Forecast" 3. Scroll through page to see forecast details
Test Data	Tested was repeated with: - Barraba, NSW - Dorrigo, NSW - Kununurra Airport, NT - Geelong Racecourse, VIC
Expected Result	Forecast details for a weather station can easily be seen by a user, with the forecast details clearly visible as soon as the weather details page is accessed.
Actual Result	As expected.
Status	Success
Remarks	-
Created By	Janith Muthuhetti
Date of Creation	28/5/2016
Executed By	Miguel Pasa
Date of Execution	29/5/2016
Test Environment	- OS: Microsoft Windows 10 - Browser: Google Chrome Version 49.0.2623.112 m

Test Case ID	Test Case #02
Test Case Summary	To test if a user can view the forecast details in tables, charts and graphs.
Related Requirement	2. The forecast values for a station should be displayed in a visually distinct manner anytime any weather information is displayed. This means that tables, charts, graphs displayed should include the forecast information.
Prerequisites	-
Test Procedure	1. Visit a station's weather details page. 2. Click "View Forecast" 3. Inspect the page to see if forecast information can be seen in tables, charts and graphs.
Test Data	Repeated with: - Edi Upper, VIC - Falls Creek, VIC - Casey Wilkins Runway, Antarctica - Mirnyj, Antarctica
Expected Result	Forecast information is shown clearly in each "View Forecast" page, in visual format, with pictures, graphs, tables, and charts used to display the information.
Actual Result	As expected.
Status	Success
Remarks	-
Created By	Janith Muthuhetti
Date of Creation	28/5/2016
Executed By	Miguel Pasa
Date of Execution	29/5/2016
Test Environment	- OS: Microsoft Windows 10 - Browser: Google Chrome Version 49.0.2623.112 m

Test Case ID	Test Case #03
Test Case Summary	To test if a user can view any information collected for a station in a graph.
Related Requirement	4. Graphs should allow you to view any information that has been collected for a station. It should not be restricted to a small window of recent data items. Graphs should allow you to zoom in and out to enable viewing different levels of detail.
Prerequisites	-
Test Procedure	1. View a station's weather details page. 2. Click on "Display Charts" 3. Cycle through the information types (top panel of window). 4. Close Charts window and click "View Forecast". 5. Click on "Display Charts for Forecast Data" 6. Cycle through the information types (top panel of window).
Test Data	Repeated with: - Adelaide Airport, SA - Darwin Harbour, NT - Halls Creek, NT - Collie East, WA
Expected Result	For each detail, the graph changes to suit that specific detail. For each weather station, the "Display Charts" button should open a new window which defaults to Temperature. Clicking on any of the other categories will show the information for that category in the graph.
Actual Result	As expected.
Status	Success
Remarks	-
Created By	Alex O'Shannessy
Date of Creation	28/5/2016
Executed By	Miguel Pasa
Date of Execution	29/5/2016
Test Environment	- OS: Microsoft Windows 10 - Browser: Google Chrome Version 49.0.2623.112 m

Test Case ID	Test Case #04
Test Case Summary	To test if a user can zoom in and out to enable different viewing levels in graphs.
Related Requirement	4. Graphs should allow you to view any information that has been collected for a station. It should not be restricted to a small window of recent data items. Graphs should allow you to zoom in and out to enable viewing different levels of detail.
Prerequisites	-
Test Procedure	1. Visit a station's weather details page. 2. Click on "View Graphs". 3. Click "Zoom In". 4. Click "Zoom Out".
Test Data	
Expected Result	When zooming in on the graph line, the user will be able to see a more detailed view of the graph line, with more specific values (shorter intervals) showing up when zooming. When zooming out, the user should see the intervals become more distant from each other.
Actual Result	As expected.
Status	Success
Remarks	-
Created By	Alex O'Shannessy
Date of Creation	28/5/2016
Executed By	Miguel Pasa
Date of Execution	29/5/2016
Test Environment	- OS: Microsoft Windows 10 - Browser: Google Chrome Version 49.0.2623.112 m

Test Case ID	Test Case #05
Test Case Summary	To test if a user can easily differentiate between historical data and forecast data.
Related Requirement	5. It should be possible to easily determine what is historical data and what is forecast data
Prerequisites	-
Test Procedure	1. View a station's weather details page. 2. Click "View Forecast" 3. Inspect page to see if it is obviously a Forecast details page. 4. Click "View Historical Data" 5. Inspect page to see if it is obviously a historical details page.
Test Data	Repeated with: - Cape Ferguson, NSW - Creal Reef, NSW - Mount Barker, SA - Parawa East, SA
Expected Result	When inspecting the Forecast details page, the user should be able to see heading such as "Hourly Forecasts" and also "forecast.io" right under the weather station's main heading of the page. When inspecting the Historical Data page, the user should be able to see the "Historical Data" heading to allow them to differentiate between Historical and Forecast data.
Actual Result	As expected.
Status	Success.
Remarks	-
Created By	Janith Muthuhetti
Date of Creation	28/5/2016
Executed By	Miguel Pasa
Date of Execution	29/5/2016
Test Environment	- OS: Microsoft Windows 10 - Browser: Google Chrome Version 49.0.2623.112 m

Test Case ID	Test Case #06
Test Case Summary	To test if a user can easily differentiate between historical data and forecast data.
Related Requirement	6. (Optional 10% Bonus) Supporting run-time selection of forecast-information site: using the Factory pattern, allow the user to choose from where forecast information is obtained, either forecast.io or openweathermap.org.
Prerequisites	-
Test Procedure	1. View a station's weather details page. 2. Click on "View Forecast". 3. Click on "View Forecast Data from OpenWeatherMap.org" 4. Observer the data change to suit the data which came from OpenWeatherMap.org. 5. Click on "View Forecast Data from forecast.io" 6. Observe data change to suit the data which came from forecast.io.
Test Data	Repeated with: - Essendon Airport, VIC - Kingfish B, VIC - Moomba Airport, SA - McMurdo, Antarctica
Expected Result	Clicking on the links should change the forecast data input from the default (forecast.io) to OpenWeatherMap.org. The views on the website will also change to show this information.
Actual Result	As expected.
Status	Success.
Remarks	-
Created By	Janith Muthuhetti
Date of Creation	28/5/2016
Executed By	Miguel Pasa
Date of Execution	29/5/2016
Test Environment	- OS: Microsoft Windows 10 - Browser: Google Chrome Version 49.0.2623.112 m