Testing Report

Team Name: Group 2

Description	Upon application start up, the user shall be presented with an interactive list of researchers (consisting of both staff and research students), known hereafter as the Researcher List view.
Type and Use Case	SW UC8_User_views_ResearcherList
Criteria	- Information in the form of a list of researchers (and a pane for researcher details) should be displayed upon start-up of the application. - This List should have the names displayed compactly in the format 'Family Name, Given Name (Title). - This list should be able to be filtered by the researchers employment level (A-E or Student) and/or by matching a typed user input to family or given names.

Method	Black Box Test:
	 1. Open application
	     2. Researcher List should be displayed
	     3. Ensure List is sorted and formatted correctly

Outcome	
Method	Black Box Test: 1. Having opened the application, check that entries in the List are interactive by double-clicking one. 2. Check that the Filter, Search and Generate Reports buttons are working by clicking on each in turn.
Outcome	
Method	Black Box Test: 1. Check that only one Researcher can be chosen at a time, by attempting to highlight multiple Researchers in the List. This should not be possible.
Outcome	

Method	Black Box Test:
	     1. Input "Filter by Level" Employment Filter by choosing one of the categories.
	     2. List should change to reflect filter

Outcome	
Method	White Box Test: 1. Choose in turn a Student and a Staff Researcher option in the "Filter by Level". 2. Check that the resultant List has changed to show either Students or Staff as appropriate.
Outcome	

Method	Black Box Test:
	     1. Reset "Filter by Level" to default ("All")
	     2. Check that the List has reverted to the full, unfiltered List.

Outcome	
Method	Black Box Test:

	1. Enter a portion of a name, a single character such as "I", into the "Filter by Name" field and submit. 2. Check that the resulting List of Researcher names matches the desired character. 3. Repeat the test, with changed case, to check whether the Filter by Name is case-sensitive.
Outcome	

Method	White Box Test:
	    1. Keep "Filter by Name" field as "I".
	
	    2. Apply "Filter by Level" Employment Filter by choosing a particular category such as "E, Professor".
	
	    3. Ensure that the list has been filtered correctly by both filter methods

Outcome	

Method	White Box Test:
	    1. Enter test "ZZZ" into "Filter by Name" field and submit, as "ZZZ" does not match the names of any entries.
	
	    2. Ensure the list display returns as empty

Outcome	
Method	White Box Test: 1. Enter test "" into "Filter by Name" field and submit. 2. Check that the list display returns as the full List.
Outcome	

Testing Report

Team Name: Group 2

Description	When the user selects a name in the list the researcher details view will be displayed.
Type and Use Case	SW UC16_User_selects_Researcher
Criteria	When the user double-clicks on a Researcher in the Researcher List, the details of that Researcher appear in a separate view. The details will include: Name, Title, School/Unit, Campus, Email address, date commenced current position, date commenced with Institution, Tenure, and a profile photo of that Researcher. The application will also show a list of Publications by that Researcher. For a staff Researcher, the application will show their 3-year average, their Performance and a list of students under their supervision. The option will

	be available to expand the list of students under supervision. It will also be able to show the past Positions held by that Researcher. For student Researchers, the application will also show their degree and supervisor.
Method	Black Box Test: 1: Double-click on Researcher name from the Researcher List 2: Researcher Details View for that Researcher should appear in a new window. 3: Ensure that the required details are shown, including a photo. Ensure that they are formatted correctly. 4: Check that for a Staff Researcher, it shows the 3-year average, performance and list of students under supervision. 5: Check that for a Student Researcher, it shows their degree and supervisor. 6: Check that the Publications List is displayed, and the Publication details are correct and formatted as required.
Outcome	
Method	Black Box Test: 1. Check that the Cumulative Count and Expand Supervisions buttons are present, and are functioning, by clicking on them. 2. The Cumulative Count and full Supervisions for that Researcher should be displayed in new windows.
Outcome	
Method	White Box Test: 1. Bring up the Researcher Details for a selection of known Researchers, having previously obtained their details separately. 2. Check that the details for each Researcher are correct, including the correct photo.
Outcome	
Method	White Box Test: 1. Bring up the Expanded Supervisions for a Researcher. 2. Check against a previously obtained list of supervisions of that Researcher, and check that they are the same.
Outcome	
Method	White Box Test: 1. Bring up the Cumulative Count window for a Researcher. 2 Compare against a previously obtained list of that Researcher's publications, to check that it has been calculated correctly.
Outcome	

Testing Report

Team Name: Group 2

Description	As part of the Researcher Details view, located below the researcher's primary details, the system shall show an interactive list of that researcher's publications.
Type and Use Case	SW UC34_User_views_Publications
Criteria	The lower section of the Researcher Details View will show the list of Publications of that researcher. This will be an interactive list. The list will be in the format of publication year, and then publication title. For those publications which were published in the same year, they will be sorted alphabetically. When first shown, the list will be in the order of recency, with most recent first. The user will be able to invert this order. The user will also be able to filter the list by selecting a range of years.
Method	Black Box Test: 1. Check that the Publications View is showing underneath the Researcher Details View. 2. Check that the format is correct. 3. Check that the order is correct.
Outcome	
Method	Black Box Test: 1. Check that the Publications List is interactive, by double-clicking on an entry. 2. A new Publications Detail View should open.
Outcome	
Method	Black Box Test: 1. Press the Invert List Order button. 2. Check that the Publications List is now in reverse chronological order. 3. Press Invert List Order button again. 4. Check that the List has reverted to the original order.
Outcome	
Method	Black Box Test: 1. Select a year range to filter the list. 2. Select the Filter button. 3. Check the resulting list to see that it includes only publications from the selected years.
Outcome	

Method	White Box Test:
	1. Check a year range which is known to have no results, such as 1900 to 1910.
	2. Check that the resulting List is empty.
Outcome	
Method	White Box Test:
	1. Obtain information about multiple publications by a particular Researcher in one year.
	2. Check that these are displayed in the List in alphabetical order.
Outcome	