# Testing Report

### Team Name: Group 2

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| 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 |  |