

## Testing Report

### Team Name: Group 19

*Repeat the following box for every requirement categorized as SW, SWC or P in the RTM.  
Have as many tests (methods of testing that the requirement is met) as necessary.*

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	The system will need to be able to display the research list view so that users can interact with the system to get the information about researchers.
Method	The first method will be using the console in Visual Studio to see if the data loads with the program and if the program can connect to the database.
Outcome	The test has passed. The program connects to the database without problem, and data about the researchers is displayed in the console windows.
Method	Check the Research View List to test if it can be interacted with, as in being able to click on a name.
Outcome	
Method	SWC 8: Run the application to test if the names are formatted in "FamilyName, GivenName (Title)". The console application will display this. This test is black-box, as the internal code is not seen.
Outcome	

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	The system will need to be able to load the data about the researcher that has been selected in the list.
Method	The first method will be using the console in Visual Studio to see if the data loads with the program and if the program can connect to the database. As the internal code can be seen with this method, it is white-box testing.
Outcome	The test has passed. The program connects to the database without problem, and data about the researchers is displayed in the console windows.
Method	Test to see if selecting a name in the list of researchers will bring up the Researcher Details View. The view should come up with the selected researcher's details when their name is selected on the Research View List. As the internal workings cannot be seen with this method, it is black-box testing.
Outcome	

Method	SWC 16: Basic details should be displayed for the research students and for the staff. Some information should only be under staff, and some only under students, and some for both. It should display: Family name (both), given name (both), title (both), school/unit (both), Campus (both); Email (both); Photo (both); Current Job Title (both); Commenced with institution (both); Commenced current position (both); Tenure (both); Publications (both); 3-year Average (staff); Performance (staff); Supervisions (staff); Degree (students); Supervisor (students). Running the app and clicking on a name should bring up the basic information about the researcher. Because the internal code is not seen in this method, it is black-box testing.
Outcome	
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 list of the researcher's publications needs to be displayed and be interactable so that a user can look at the publications.
Method	Test to see if the list with the researcher's publications is visible to a user.
Outcome	
Method	Test to see if the data that has the researcher's publications loads successfully from the database.
Outcome	
Method	Test to see if the list is interactive by clicking on a publication in the list.
Outcome	
Method	SWC 34: The list shall display the publications from top to bottom with most recent publications first, and oldest ones last. To test whether this SWC is followed, run the program and display a researcher's details by clicking on a name. The list should display the publications in the specified order.
Outcome	