KIT206 Software Design and Development

Assignment 2 – Application Test and Report

Group – 5

Logo

Description automatically generated

# Testing Report

## UC8 Test Report

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| Description | The user shall be able to see a researcher list consisting of both staff and students. |
| Type and Use Case | SW  UC8\_User\_views\_ResearchersList |
| Criteria | The application will provide basic details of the researcher including given name, family name. This will allow the user to filter staff using their employment level or only show students. They can also filter using a text box and reset the filters |
| Method | Black box test   1. Open the RAP application 2. The list of researchers is displayed. 3. Names should be in the order of family name first and given name. 4. Selecting an employment level should update the list 5. Check each of the filtered list to make sure they are of the employment level that is selected, |
| Outcome | Pass |
| Method | Black box test   1. Enter text into the text filter with no other filters 2. Press “Apply” filter/search 3. List should be updated to match filter |
| Outcome | Pass |
| Method | Black Box Test   1. Press reset (None) filters button 2. All filter options are emptied 3. List is updated to default |
| Outcome | Pass |

## UC16 Test Report

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| Description | The system needs to be able to generate the list of researcher’s details when the user selects the name from the researcher's list. |
| Type and Use Case | SW  UC16\_User\_selects\_Researcher |
| Criteria | When the user selects the name from the researcher’s list, their details must be displayed. It will display some basic details either only for staff or only for students. The details that both staff and students can view are their Name, Title, School/Unit, Campus, Email, Photo, Current job title, Commenced with institution, Commenced current position, Tenure, Publications. The details that only staff can view are 3-year average, Performance, Supervisions, and the details that only students can view are Degree and Supervisor. |
| Method | Black box   1. Select a researcher name 2. Details of the researcher are displayed 3. Depending on whether they are a student or staff the details displayed will vary 4. All the details relevant to staff or students are displayed |
| Outcome | Pass |
| Method | Black box   1. Get rating for past three years for selected researcher 2. Calculate the average of these values 3. Display them as a part of the details |
| Outcome |  |

*e and Outcome for each different test of the Requirement.*

## UC34 Test Report

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| --- | --- |
| 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 | There should be a list of all publications by a particular researcher located below the researcher’s details in the ReseacherDetailsView. This list should be ordered by year (most recent first) and alphabetically, though this order should be able to be inverted (oldest first) as well as filtered to only display a chosen year range. |
| Method | Black box test   1. User selects the researcher from ResearchersDetailsView 2. System retrieves the basic title and publication year information of the researcher’s publication. |
| Outcome | Pass |
| Method | Black box test   1. System sorts publication by year. 2. System sorts the publication year and title in descending order. 3. System filters current publication year. |
| Outcome | Pass |

*Repeat Method and Outcome for each different test of the Requirement.*