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| Description | The Research Assessment Program needs to operate within Standard Operating Environment (SOE) where computer devices run on Microsoft Windows Operating System. |
| Type and Use Case | SWC 1 |
| Criteria | The program requires to support Microsoft Windows Operating System environment. |
| Method | Black Box Test:   1. Open RAP Program on computer. 2. Verify program open GUI. |
| Outcome | Pass |
| Method | White box test:   1. The application should connect to the database when opened, the message will notify the user if database is unable to connected. |
| Outcome | Fail. Attempted to connect to the database but error message appeared. |

# **Testing Report**

**Team Name: KIT A2 Group #5**

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| Description | Upon the GUI application launch, the user shall be able to views researcher list. |
| Type and Use Case | SW, UC8\_User\_views\_ResearcherList |
| Criteria | The program should display a list of researchers from the database when the program starts. The list should display name in format Given name, Last name and title. Also, the user should be able to filter the Researcher List View. |
| Method | Black Box Test:   1. Launch Application 2. Verify user can view researcher list 3. Verify Given name, last name and title are displayed 4. Test filter on the Researcher List View |
| Outcome | Fail. The Application did not launch. |
| Method | White box test:   1. The application should load researcher into a list view which is then displayed by the GUI 2. The filter should remove researcher from the list which don’t qualify. |
| Outcome | Fail. No researchers are added to the view list. Filter cannot access the list. |

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| Description | The user shall be able to select a name in the list of staff |
| Type and Use Case | SW, UC\_16\_User\_selects\_Researcher |
| Criteria | When a user selects a name in the list, the GUI will show more details on the selected researcher member, which includes: campus, email, photo (which stored as the URL of an image), unit, title, and commenced with position. |
| Method | Black Box Test:   1. The GUI should display details on the selected researcher |
| Outcome | Fail. The Application did not launch. |
| Method | White box test:   1. When a researcher is selected the details should load from the list and display on the GUI |
| Outcome | Fail. No researchers are added to the view list. Members details and present however not loaded to a list. |

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| Description | The user shall be able to views the list of researcher’s publications. |
| Type and Use Case | SW, UC\_34\_User\_views\_Publications |
| Criteria | With the main window view tab, it displays the list of publications which retrieve from database’s entries. The list should be formatted with the publication year and follow by the title. The user shall be able to sort them from top to bottom with latest recent publication based on the year. |
| Method | Black Box Test:   1. List of publications displayed in main window view. 2. List is formatted correctly 3. User can sort latest recent publication based on the year |
| Outcome | Fail. The Application did not launch. |
| Method | White box test:   1. The application should load publications into a list view which is then displayed by the GUI 2. The list is formatted correctly 3. The sort method should sort latest recent publication based on the year and display them from top to bottom |
| Outcome | Fail. No publications are added to the view list. Publication details and present however not loaded to a list. No sorting filter available. |