

KIT206

(Software Design and Development)

Assignment 2

(Testing Report)

Group 18 Team	
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SWC 1

Description	The application for the Human resource Information system can be run in any computer connected to the server of the university and the system will be able to store the information's in SQL database.
Type and Use Case	SWC1
Criteria	The Assessment Program must be operated within the SOE of the university computers or external computers using the university server. The information displayed in the system is stored in MySQL database named as "Employment and Research database" which can be accessed by professional staff from the Office of Research Services as well as senior administrative (academic) staff in the university and shared with technical staff from Information Technology Resources to maintain it in future and there is no need to differentiate between users as both groups will have access to the same features.
Method	Black Box Test Method <ol style="list-style-type: none">RAP application runs in computers connected to school server.Main windows pop upViews created which are visible in menu bar.
Outcome	Pass
Method	Black Box Test Method <ol style="list-style-type: none">The list of researcher displays in main window.The details of researcher visible upon selection.
Outcome	Pass

SW UC8_User_Views_Researchlist

Description	The system should generate the list of researchers that includes staff researcher and student researcher.
Type and Use Case	SW UC8_User_Views_Researchlist
Criteria	<i>Run the application, after selecting the research view all categories should be clickable and list of researchers should be visible from level A to E. The researcher list contains student, Post- Doctoral, Lecturer, Senior lecturer, Associate Professor, Professor. This list can be filtered by name and should contain general information like family name, title, unit of the researcher.</i>
Method	Black Box Test Method <ol style="list-style-type: none"> I. Open RAP application II. Select Researchlistview. III. The researcher data is observable. IV. Report is clickable and can be generated.
Outcome	Pass
Method	Black Box Test Method <ol style="list-style-type: none"> I. Two clickable checkboxes available below Main Menu bar. II. Select any name from the researcher list in first checkbox. III. First filter checkbox shows the details of the researcher (name) searched. IV. Second checkbox is clickable which can be searched by different categories of the researcher. V. Trying all the possible categories to examine the filter's accuracy.
Outcome	Pass

SW UC16_User_Selects_Researcher

Description	The details of any name of the researcher in the researcher list will be visible.
Type and Use Case	SW UC16_User_Selects_Researcher
Criteria	After filtering and searching by name of the researcher below main menu bar a window view should appear showing the details of the name searched. The details should contain Name, Title, photo, Unit, Campus, Email, Current job, Commenced current position, Commenced with institution, Previous positions, Tenure, Publications, 3-year average, Supervisions, Degree, Supervisor and Search by year.
Method	<p>Black Box Test</p> <ol style="list-style-type: none"> I. Select Researcher. II. The information of the researchers will be visible. III. The information of the researchers will be available based on the category. IV. Position, Publication, staff and student list and details visible.
Outcome	Pass
Method	<p>Black Box Test</p> <ol style="list-style-type: none"> I. Select researcher. II. The staff member's performance should be visible with staff's member performance which is 3-year average for publications. III. All details of the researcher should be available as mentioned in the criteria. IV. Close the window. V. Application returns to researcher details.
Outcome	Fail- All details of the researcher are not visible. The photo should be stored as the URL of an image and be presented as an image. All test are pass except step III.

SW UC34_User_Views_Publications

Description	The list of the researcher's publications will be visible along with publication, the title and duration.
Type and Use Case	SW UC34_User_Views_Publications
Criteria	Upon selecting the specific researcher, the list of researcher's publications should be visible alphabetically with year and title. The publication should contain details of the publication DOI, Title, Publication year, Type, Cite as, Availability Date and Age.
Method	Black Box Test <ol style="list-style-type: none">Open the application.Select researcher.Publication and publication list view visible to be select.The list of researchers with publication date and cited year is available and sorted alphabetically based on the title.
Outcome	Pass
Method	Black Box Test <ol style="list-style-type: none">1. Select the researcher.The publication details of the searched researcher are filtered and available.Publication details to be searched by published year available with the Refine clickable button (right side) of the window.
Outcome	Pass