**Testing Report**

**Team Name: Group75**

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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 | 1. PublicationListView displays success or failure in ResearcherDetailView. 2. PublicationListView can be adjusted with ResearcherDetailView, application window. 3. PublicationListView displays an interactive list of publications corresponding to researchers in ResearcherDetailView. The detailed information includes the year of publication and the title of all publications. 4. The list should initially be sorted from top to bottom according to the year of publication, with the most recent publication first. 5. If there are publications published in the same year, they are sorted alphabetically by title. 6. Set a drop-down list option in PublicationListView, which allows users to reverse the order of publications so that the oldest publication appears first. 7. Setting the text box in PublicationListView allows the user to specify the year range to filter the content of the list. |
| Method | White box testing 1  Check whether the PublicationListView is displayed correctly.  Whether the displayed publication is consistent with the publication of the person selected by ResearcherDetailView.  Check if the list format is the year of publication and the title of publication.  In the initial display of the check list, whether the publications are sorted in order from the most recent to the farthest publication year. Publications published in the same year are arranged in the order of subtitles.  Compare the displayed data with the data in the database.  Adjust the size of the window and check whether the PublicationListView is displayed correctly.  Whether to display the drop-down list to adjust the order of the list.  Whether to display the text box used by the customer for the specified year. |
| Outcome |  |
| Method | Black box testing 1-1  After selecting a person's name in ResearcherDetailView, observe whether the form is displayed correctly.  Click the options in the order adjustment drop-down list, and then observe the display status of the table.  Compare the displayed publication data with the database to see if it is displayed correctly.  Observe whether the order of publications is reversed, and whether the oldest publication appears first.  Publications published in the same year are arranged in the order of subtitles. |
| Outcome |  |
| Method | Black box testing 1-2  After selecting a person's name in ResearcherDetailView, observe whether the form is displayed correctly.  Click the options in the order adjustment drop-down list, and then observe the display status of the table.  Compare the displayed publication data with the database to see if it is displayed correctly.  Observe whether the order of publications is reversed, and whether the oldest publication appears first.  Publications published in the same year are arranged in the order of subtitles. |
| Outcome |  |
| Method | Black box testing 1-3  After selecting a person's name in ResearcherDetailView, observe whether the form is displayed correctly.  Click the options in the order adjustment drop-down list, and then observe the display status of the table.  Compare the displayed publication data with the database to see if it is displayed correctly.  Observe whether the order of publications is reversed, and whether the oldest publication appears first.  Publications published in the same year are arranged in the order of subtitles. |
| Outcome |  |
| Method | Black Box test 2-1  Use the interval selection text box, enter the year interval and observe the changes in the table.  Whether it can accurately display the publication of the corresponding person.  It can accurately display the publication year and name of the selected year zone.  Publications published in the same year are arranged in the order of subtitles. |
| Outcome |  |
| Method | Black Box test 2-2  Use the interval selection text box, enter the year interval and observe the changes in the table.  Whether it can accurately display the publication of the corresponding person.  It can accurately display the publication year and name of the selected year zone.  Publications published in the same year are arranged in the order of subtitles. |
| Outcome |  |
| Method | Black Box test 2-3  Use the interval selection text box, enter the year interval and observe the changes in the table.  Whether it can accurately display the publication of the corresponding person.  It can accurately display the publication year and name of the selected year zone.  Publications published in the same year are arranged in the order of subtitles. |
| Outcome |  |