**Testing Report**

**Team Name: Group75**

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| Description | At RTM startup, this application should provide the user with an interactive list of researchers (both staff and graduate students). |
| Type and Use Case | UC8\_User\_views\_ResearcherList |
| Criteria | 1. ResearcherListView displays successfully or not.      1. ResearcherListView is adjustable to the application window. 2. ResearcherListView will be displayed in 'Family Name, Given Name (Title)' format. 3. ResearcherListView can display all researchers. 4. ResearcherListView can filter information based on the researcher's level and the student's status. 5. ResearcherListView can filter the list by entering the name of a researcher and display only the staff member whose text the user entered.      1. ResearcherListView does not need to support partial matching across the last name and first name. |
| Method | White box testing 1  When the application is opened, does the ResearcherController load the Researchers correctly and send the data to the ResearcherListView so that the researcher list is displayed in the specified window. |
| Outcome |  |
| Method | White box testing 2  Whether there is a search box above the list. Test if the search box can enter content properly. |
| Outcome |  |
| Method | White box testing 3  Whether there is a drop-down menu above the list. Whether the contents of one of the drop-down menus are A, B, C, D, E, and Student. |
| Outcome |  |
| Method | White box testing 4  Resize the program window to the minimum and maximum. Check the ResearcherListView to see if it is also resized correctly along with the program window. |
| Outcome |  |
| Method | White box testing 5  When the ResearcherListView displays information, check if the displayed content is formatted as 'Last Name, First Name (Title)'. |
| Outcome |  |
| Method | White box testing 6  When the full list of researchers is displayed, check that the data in the ResearcherListView is the same as the values returned in the database. |
| Outcome |  |
| Method | White box testing 7  Does the ResearcherController correctly filter information by researcher level and student status and successfully display it in the ResearcherListView. Compare with the information in the database to check if it is completely correct. |
| Outcome |  |
| Method | White box testing 8  Does the ResearcherController correctly filter the information by name (String) and successfully display it in the ResearcherListView. Compare with the information in the database to check if it is completely correct. |
| Outcome |  |
| Method | Black box testing 1  Whether the list of researchers will be displayed in the specified window when the application is opened. And check if there is a search box and a drop-down menu above the list. And check if the drop-down menu includes 6 options A, B, C, D, E, and Student. |
| Outcome |  |
| Method | Black box testing 2  Test if the application window size can be resized manually. And observe if the researchers list changes size as the application window size changes. |
| Outcome |  |
| Method | Black box testing 3  When the researcher list displays the content, observe whether the information is displayed in the format 'Last Name, First Name (Title)'. |
| Outcome |  |
| Method | Black box testing 4  Click on the drop-down menu of filters and click on A, B, C, D, E, and Student one by one. Click on it to see if the information is displayed in the list of researchers each time. |
| Outcome |  |
| Method | Black box testing 5  Enter some common last name or first name randomly in the search box. Check the list separately to see if the information is successfully filtered out. |
| Outcome |  |