Sorting Bot
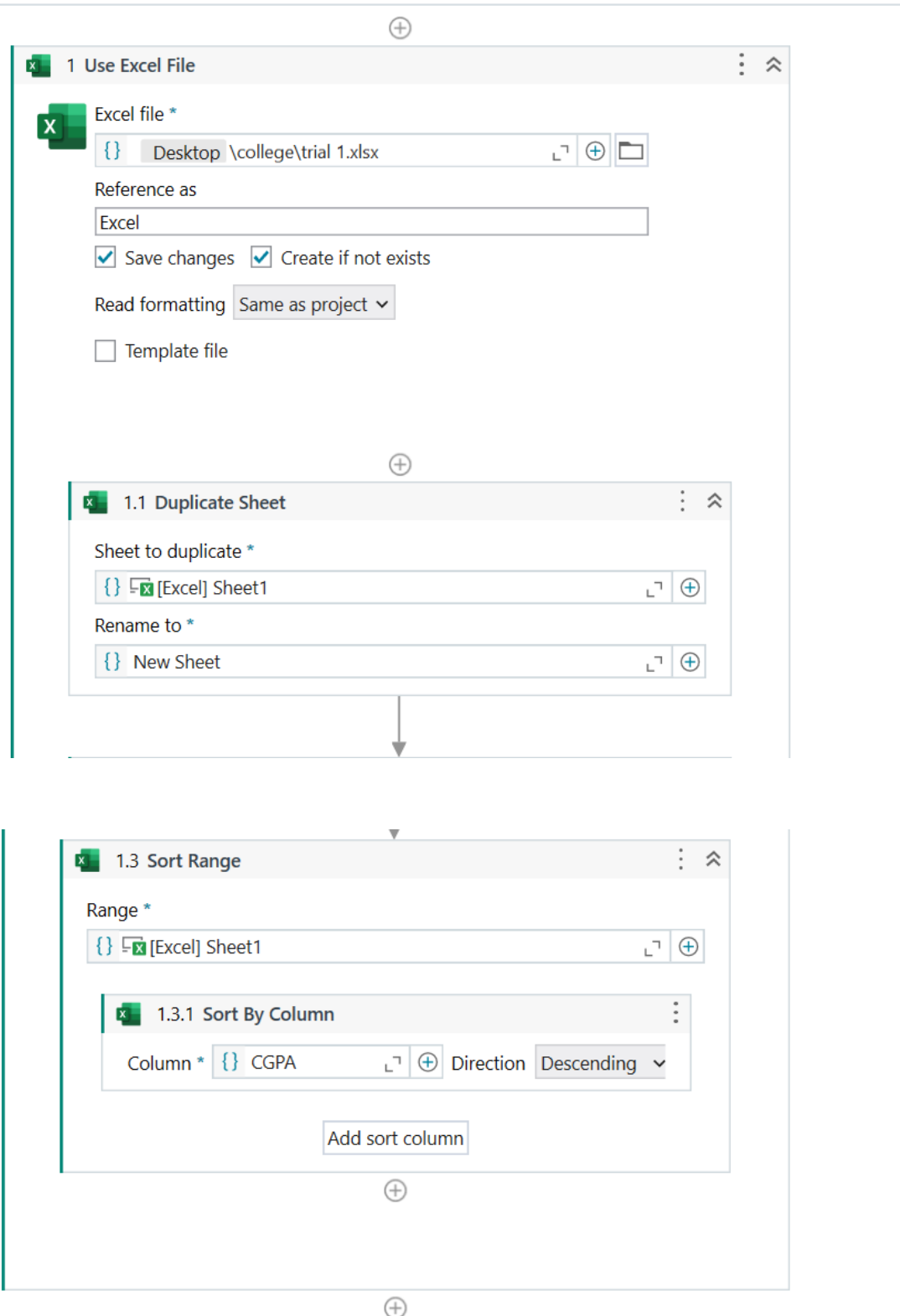
Aim:

Create a document sorting bot to atomize the process of extracting the data

from an excel file, according to the specific condition and store them in another excel file.

Algorithm:

1. Open UiPath and take a new Blank task and name it.

2. Drag and drop the 'Use Excel File' operation in the centre.

3. Provide the excel file to be worked on and save changes.

4. Then add the 'Duplicate Sheet' inside the 1st box.

5. Name the duplicate sheet created.

6. Then insert the 'Filter' box after duplicate sheets and filter the required column.

7. Sort the duplicate sheet according to your wish. Take any column and sort.

8. Finally Run the task and wait for the result.

9. After Successful run, open the excel to see the new sheet after being filtered and sorted.

Bot Flow:

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1 Use Excel File

Excel file *

`{}`   Desktop `\college\trial 1.xlsx`   ⌐ ⊕ ☐

Reference as

`Excel`

☑ Save changes   ☑ Create if not exists

Read formatting | Same as project ∨

☐ Template file

⊕

1.1 Duplicate Sheet

Sheet to duplicate *

`{}` [Excel] Sheet1   ⌐ ⊕

Rename to *

`{}` New Sheet   ⌐ ⊕

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1.3 Sort Range

Range *

`{}` [Excel] Sheet1   ⌐ ⊕

1.3.1 Sort By Column

Column * `{}` CGPA   ⌐ ⊕   Direction | Descending ∨

Add sort column

⊕

⊕

Output:

BEFORE SORTING

	STUDENT	REGISTER	ATTENTED	VALUE C	CGPA
2	RAM	1	ram@karunya.edu.in	0	4.56
3	SAM	2	sam@karunya.edu.in	0	7.67
4	MAX	3	max@karunya.edu.in	0	8.99
5	MAHESH	4	mahesh@karunya.edu.in	0	9.88
6	RAMESH	5	ramesh@karunya.edu.in	0	2.33
7	SURESH	6	suresh@karunya.edu.in	0	6.89
8	RAJ	7	raj@karunya.edu.in	0	5.76
9	PRAFUL	8	praful@karunya.edu.in	0	9.96
10	VARUN	9	varun@karunya.edu.in	0	8.67
11	RAHUL	10	rahul@karunya.edu.in	0	3.67

AFTER SORTING

	STUDENT	REGISTER	ATTENTED	VALUE C	CGPA
2	PRAFUL	8	praful@karunya.edu.in	0	9.96
3	MAHESH	4	mahesh@karunya.edu.in	0	9.88
4	MAX	3	max@karunya.edu.in	0	8.99
5	VARUN	9	varun@karunya.edu.in	0	8.67
6	SAM	2	sam@karunya.edu.in	0	7.67
7	SURESH	6	suresh@karunya.edu.in	0	6.89
8	RAJ	7	raj@karunya.edu.in	0	5.76
9	RAM	1	ram@karunya.edu.in	0	4.56
10	RAHUL	10	rahul@karunya.edu.in	0	3.67
11	RAMESH	5	ramesh@karunya.edu.in	0	2.33

Result:

The above bot has been executed and the above output is achieved successfully