*Calculate Yearly Profits*

*High-level description:* Scrap month infrmation of balance, Payroll and Expenses of every month to make the Yearly profit report.

*Process type:* Unattended

*When the process is scheduled:* Every Year at 1 jun 12 AM (UTC Time).

*How often it will run:* Yearly.

The process is used by the user to send a mail to the manager that contains all the data about the yearly profits.

*Data types used:*

1. 2 – String.
2. 3 – List of Strings
3. 4 – List of Mails.
4. 5 – Data Table.
5. 6 – Queue Item.
6. 7 – IEnumerable of Queue Items.

*Applications that the process interact with:*

1 – Adobe Acrobat DC

2 – Microsoft Excel.

3 – Microsoft Outlook.

*Assets used during the process:*

1 - ManagerAccount

2 - PayrollOwnerAccount

*Names of invoked workflows:*

1. Outlook\_RetrieveMails
2. Acrobat\_GetInf\_PopulateQ
3. Acrobat\_Orchestrator\_Queue
4. ProcessingTransactions
5. ProcessCurrentTransaction
6. Email\_YearlyProfit
7. WriteDataToExcel

*The used orchestrator queue name:* InvoiceInf

*Data manipulation activities and functions:*

1 – String manipulation:

Splitting and trimming scrapped string to clarify it for the user.

2 – Convert subsets of scrapped data to double to be calculated.

3 – Adding items to a data table using (Add data Row) activity.

*Needed dependencies to run the process:*

1 – Microsoft outlook application is installed, and the mail is signed in.

2 – Create an orchestrator queue named: InvoiceInf.

3 – Create two assets:

1 – ManagerAccount

To send the excel file to him.

2 – PayrollOwnerAccount

To retrieve the mails that contan the invoices.

*Unknow errors are handling:*

Taking a screenshot and saving it in a folder for the developer to check.