Checklist REF with Queue Items

Prerequisites

Robot connected to Orchestrator;

Queue created in Orchestrator:

> Set the Retry value as required in the process documentation (PDD, SDD).

Configuration in UiPath Studio

Create **new project** using the ***Robotic Enterprise Framework*** template:

> Set a proper name for the project – based on the name of the automated process;
>
> Set a proper description for the project.

Edit the project's **configuration file**, found in the project folder, *Data/Config.xlsx*:

> *Settings* sheet:
>
>> Set the correct value for the *OrchestratorQueueName* parameter; use the same name as the queue created for this process in *Orchestrator;*
>>
>> Set the correct value for the *OrchstratorQueueFolder* parameter; you can leave it empty if the queue is in the same folder with the process.
>>
>> Define any additional parameters required for the process such as input file paths, application paths, parameters to control the automation flow, emails, etc.
>>
>> Credential assets should also be defined in this sheet, instead of the Assets sheet.
>
> *Constants* sheet:
>
>> Leave the *MaxRetryNumber* value to 0; we will use the retry mechanism at queue level, if required;
>>
>> Optionally, you can change the values of the other items defined in this sheet according to the process being automated.
>
> *Assets* sheet:
>
>> Add entries for all assets defined in Orchestrator for this process (except credential assets);
>
> Save and close the *Config.xlsx*.

Applications Used: open/close/kill

Edit the ***Framework/InitAllApplications.xaml*** workflow; it should contain the activities to start all the applications, perform the authentication and initial configuration required for all transactions in the process;

Edit the ***Framework/CloseAllApplication.xaml*** workflow; invoke here the activities that should logout and close the applications opened in the *InitAllApplications.xaml* workflow;

Edit the ***Framework/KillAllProcesses.xaml*** workflow; place here the activities to force close the applications used in the automaton, if required by the process.

Business Process: Transaction Data and Process

Edit ***Framework/GetTransactionData.xaml*** workflow:

Set a proper value for the *out_TransactionID* argument, in the Assign *out_TransactionID* activity;

Set proper values for *out_TransactionField1* and *out_TransactionField2* arguments in the next two assign activities.

Edit ***Framework/Process**.xaml* workflow:

Place all the activities and logic required to process one transaction.