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RPA PROJECT

Deployment Guide on UIPATH

PAY ARENA SETTLEMENT PROCESS

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1. INTRODUCTION

The Pay Arena is a visa settlement process that download report from the file server portal. Do some filtering and data manipulation then build an upload file. The bot sends the report generated via mail to the supervisor. The Bot also detect if the account is balanced or not.

1.1 Purpose

The RPA solution will be expected to eliminate a lot of the manual processes involved downloading report and preforming some calculations and finally building an upload file as an output document

1.2 Document Control

Change History

Version Number	Version date	Description of changes	Author
1.0			Bakare Sodiq

1.3 Review History

Version Number	Version date	Review Comments	Reviewer
1.0			

1.4 Intended Audience

This document is intended for the operations team to enable them perform deployment activities on the UIPATH Orchestrator.

1.5 Definitions and Acronyms

studio: The platform on which the automation is performed. The process is developed here.

Orchestrator: is a web application that enables you manage the creation, monitoring, and deployment of resources in your environment.

. Xaml : The format in which files are being saved on UI Path

query: Used to perform Database interaction

Bot Controller: An individual that mans the working operation of the bot.

3 SEVICES CONFIGURATION UIPATH

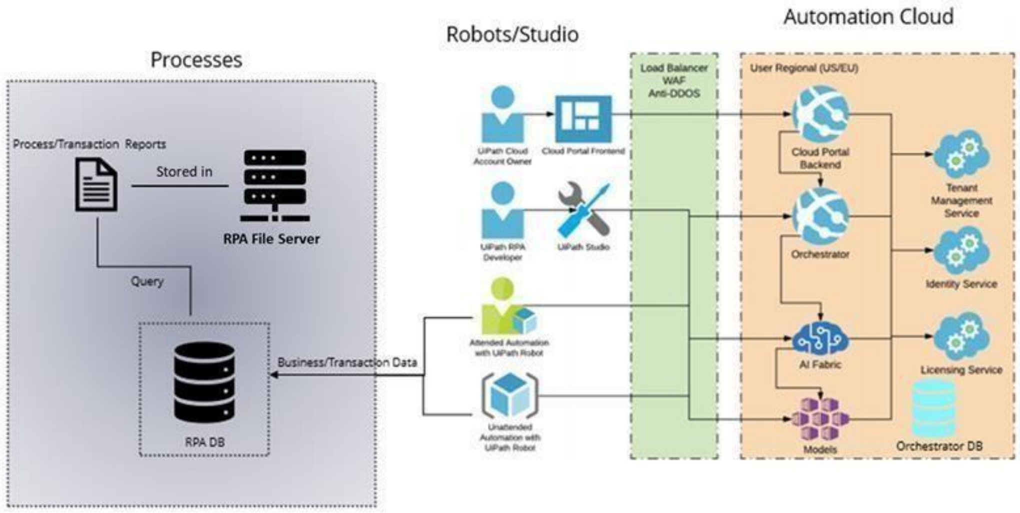
Before deploying the process, a work folder must be created. This folder is used by bot for its operations. Please follow the step below.

I. A folder name "_BotWorkDirectories" should be created in the document directory
II. A folder name "MDB_WorkDirectories" should be created in folder created in step I
III.
IV. Inside of the folders Two folder should be created
    a. "ExternalConfigFiles"
    b. WorkFolders
V. Please Request for an Excel file from the developer if not provided
VI. The Excel file should be copy inside of the folder (ExternalConfigFiles) a created in step ii
VII. Ensure step I to iv is done correctly
VIII. Navigate to orchestrator instance that the bot will be deploy to (Cloud.uipath.com)
IX. Select the workspace to be use by the bot
X. Navigate to Assets
XI. Please create the following assets

Assets	Value
VISA_RobotEmailAddress	Email provision on the Server
VISA_ErrorEmailTo	Email the bot to report to
VISA_ErrorEmailCc	Email the bot to report to cc
VISA_ReportEmailTo	Email the bot to report Error to
VISA_ReportEmailCc	Email the bot to report Error to cc

VISA_PAYArena_ArchiveFolderPath	Full path eg; C:\Users\.....\Archive
VISA_PAYArena_ExceptionFolderPath	Full path eg; C:\Users\..... \ Exception
VISA_PAYArena_ProcessingFolderPath	Full path eg; C:\Users\..... \ Processing
VISA_PAYArena_ProcessDataConfigFilePath	Full path of the excel copied in step VI
VISA_PayArena_DownloadFolderPath	Full path of the Download Folder
Visa_PayArena_AddDays	0
FTPCredential	Credential of the File Server FTP

4 APPLICATION ARCHITECTURE



5 DEPLOYMENT ACTIVITIES

I. Publish to UiPath Orchestrator
II. Confirm Dependencies and Database
III. Run process from Orchestrator

6 PRE-REQUISITES DEPLOYEMENT

For any process-related deployments the following would be shared by the developer.

I. List of assets and their values. Please refer to No 3
II. Please ensure that required server access is available prior to deployments.

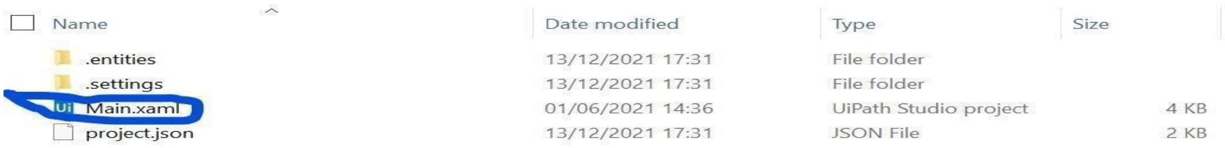
7 DEPLOYMENT PROCEDURE

Method 1

I. Publish to Test Orchestrator
II. Download the Nuget package
III. Send Nuget Package for deployment
IV. Create process assets
V. Import process package on production
VI. Create a process

Method 2

I. Bot controller Copies the Zipped process file sent via email, to the deployment server
II. Extract the zipped file
III. Open the main xaml file in Studio
IV. Validate that there are no errors and all UiPath package dependencies are installed and updated
V. Publish on orchestrator



Name	Date modified	Type	Size
.entities	13/12/2021 17:31	File folder	
.settings	13/12/2021 17:31	File folder	
Main.xaml	01/06/2021 14:36	UiPath Studio project	4 KB
project.json	13/12/2021 17:31	JSON File	2 KB

Fig. 3.1: Folder showing the xaml file

S/No	Action	Responsibility
1	Login to Deployment Server and import the zipped project folder	IT Third Party
2	Extract the file and save to the directory of choice	IT Third Party
3	Open the xaml file on UI Path studio	IT Third Party
4	Validate that all process dependencies are correctly installed without errors	IT Third Party
5.	Create all orchestrator assets needed for the deployment environment	IT Third Party
6.	Run process from start to finish and ensure it runs as expected.	IT Third Party
7.	Publish process to orchestrator.	IT Third Party

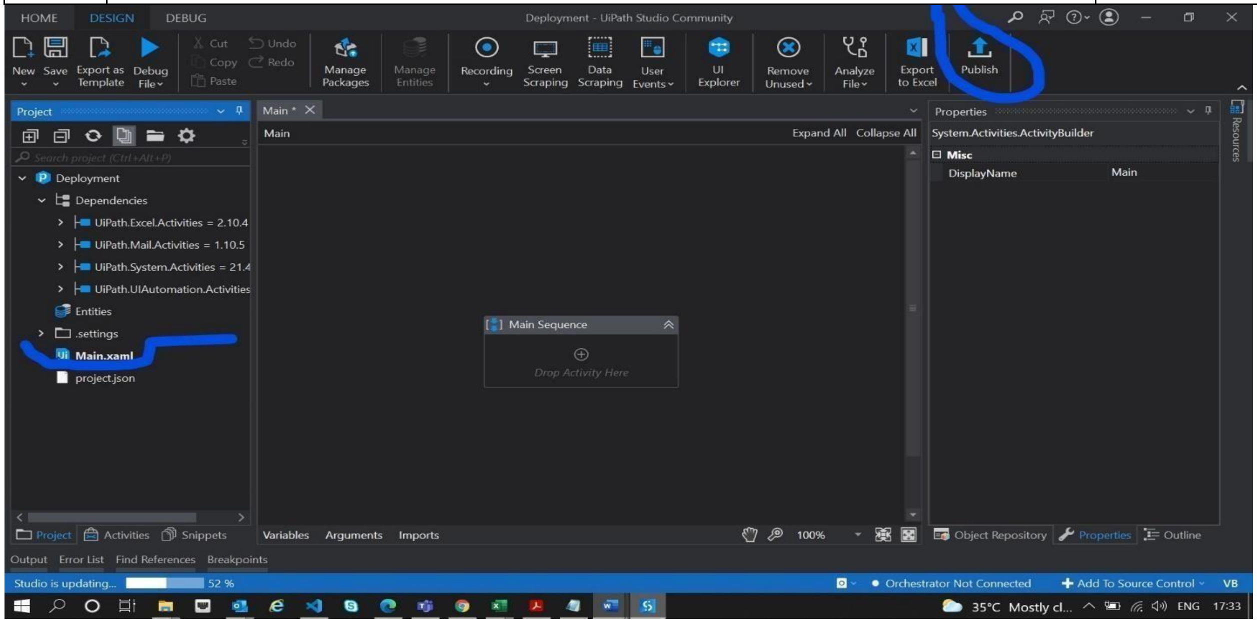


Fig. 3.1: UiPath Studio showing the project dependencies and Publish icon

8 SANITY TESTING AND TROUBLE SHOOTING

Performing Sanity Tests

I. After deployment, ensure that Database are accessible.

II. After deployment, ensure that scheduled process time is not interfering with another.

III. After deployment, ensure the process can run successfully on the orchestrator

IV. If changes are made on the config file after publishing, republish the file to update.

9 Troubleshooting after deployments

If there is an Issue while performing any of the steps above, kindly review the necessary logs and raise error messages with respective developer.

	Name	Signature	Date
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Reviewed By			
Approved By			