# Rihal
## Data Migration & Services LLC

# RPA Training Plan - UiPath

Rihal RPA CoE – RPA Training Exercise

# Revision History

| Date | Version | Author | Description |
|------|---------|--------|-------------|
| 5-Aug-2019 | 0.1 | Prasant Shermahmadpuram | Created Document |
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# Contents

# Introduction

This UiPath coding exercise covers the following basic UiPath activities and principles:

- ✓ UiPath ReFramework
- ✓ UiPath Orchestrator
- ✓ Orchestrator Queues
- ✓ Orchestrator Transactions
- ✓ Web Page Data Extraction
- ✓ Web Page Manipulation
- ✓ String manipulation
- ✓ Datatable use
- ✓ File systems use

Applicants should have a good understanding of these activities and the strengths/weaknesses of each.

# Exercise Prerequisites

## UiPath Studio

Background:

This UiPath exercise requires UiPath Studio version 2019. This can be a fully licensed version of UiPath Studio or the UiPath Studio Community Edition Version.

Getting UiPath Studio:

For applicants that do not have version 2019 of UiPath installed, you can download and install the UiPath Studio Community Edition found on the UiPath website or https://platform.uipath.com resource center.

## UiPath Orchestrator

**Background:**

This UiPath exercise requires access to the UiPath Orchestrator version 2019.

**Creating an UiPath Orchestrator login Instance:**

UiPath provides access to UiPath Orchestrator Tenant instance at https://platform.uipath.com via email account.  Please follow the steps below to create your test UiPath Orchestrator Tenant:

1. Navigate to https://platform.uipath.com
2. Click on https://platform.uipath.com/portal_/register/ to register your account via email.
3. Once successful signup, you can use the orchestrator via services section and click on the default name under services.

## Provisioning UiPath Studio to UiPath Orchestrator

**Background:**

This UiPath exercise requires UiPath Studio to be able to communicate with the test UiPath Orchestrator. Provision your instance of UiPath Studio to test UiPath Orchestrator. Make sure that your instance of UiPath Studio is visible and active in the test UiPath Orchestrator.

# UiPath Code Exercise

## Exercise Overview

This coding exercise covers a wide range of UiPath specific activities and can be completed in a variety of different ways. However, there are 5 requirements that must be adhered to:

1. The coding MUST utilize the UiPath ReFramework. Any code submissions that do not utilize the ReFramework will automatically be labelled as failed submissions
2. All browser activities should use Internet Explorer
3. You MUST create 2 separate CSV files as requested in the exercise
4. You MUST write a short-summarized paragraph on how you created the code (PDD and/or SDD formats are encouraged but not required)
5. You MUST create a zip file which contains your completed UiPath code (including all project subdirectories) and the CSV files
6. You MUST name the zip file using the following format:
7. <OrchestratorTenantName.YourFirstName.YourLastName>.zip and send to prasant.sher@rihal.om

## Exercise Details

When creating the UiPath code, use whatever methods you feel comfortable with and perform the tasks in any order to complete the exercise.

1. Go to the Amazon website (Use the respective url for your region)
2. Search for toasters
3. Get a list of the first 100 toasters include the name, pricing and rating of each toaster
4. Create 2 queues in the Orchestrator (Each transaction item in the queue should contain the Toaster Name, Price and Rating)
   a. Queue 1 should contain all toasters that are under 40 USD (or equivalent value in your region's currency)
   b. Queue 2 should contain all toasters that are 40 USD and above (or the equivalent value in your region's currency)
5. Retrieve all transactions from Queue 1 and create a CSV file called Under.csv
6. Retrieve all transactions from Queue 2 and create a CSV file called Over.csv
7. Create a short, summarized document of how you created the code (PDD and/or SDD formats are encouraged but not required)
8. Create a zip file that contains the following:
   a. UiPath code (including all subdirectories of the project)
   b. Under.csv
   c. Over.csv
   d. Document describing summary of code

Name the zip file <YourFirstName.YourLastName>.zip and send to prasant.sher@rihal.om

Thanks for your submission and good luck!!

# Pre-Submission Checklist

The following questions may help you to assess your deliverables before submitting:

- ✓ Do your output files match the requirements provided in the questionnaire?
- ✓ Are there any unresolved compiler errors?
- ✓ Can the reviewer step into errors within the solution, if any?
- ✓ Have you implemented the RE Framework?
- ✓ Have you used the Orchestrator, based on information provided above?
- ✓ Is your documentation complete?