Practice Exercise - Parallel Activity

Objective

Build a workflow using a Parallel activity to do the following:

- Open RPAChallenge website.
- Fill all the seven fields on the webpage parallelly using seven Type Into activities inside a Parallel Activity.

Process Overview

- START
- Use a Sequence activity.
- In the Sequence activity, use an Open Browser activity to open the RPAChallenge website "www.rpachallenge.com."
- In the Do Section of the Open Browser activity, use a Parallel activity.
- Inside the Parallel activity, use seven Type Into activities to fill the seven fields in the webpage.
- STOP.

Step-by-Step Process

Step 1:   Open UiPath Studio.

Step 2:   Create a new process and name it as "Parallel Activity".

Step 3:   Drag and drop a Sequence activity in the designer panel.

Step 4:   Name the Sequence activity as "Sequence – 'This code is to understand the working of the parallel activity.'"

Step 5:   Right-click on the Sequence activity container and select *Annotations* from the context menu.

Step 6:   Enter the annotation "This code is to understand the working of the parallel activity".

Step 7:   Drag and Drop an Open Browser activity inside the Sequence activity. Rename the activity as "Open Browser – RPA Challenge Website". Add an annotation "Opens RPAChallenge Website.".

Step 8:   In the URL textbox of the Open Browser activity, enter "www.rpachallenge.com" in double quotes.

Step 9:   Drag and Drop a Maximize Window activity inside the Do section of the Open Browser activity. This activity will maximize the browser window.

Step 10:   In the Design ribbon, click Debug File and select Run from the dropdown menu. The webpage is opened successfully.

Step 11:   Drag and drop a Parallel activity below the Maximize Window activity. Rename the activity as "Parallel – RPA Challenge Form" and add an annotation "This activity executes several Type into activities in parallel."

Step 12:   Drag and drop seven Type Into activities inside the Parallel activity.

Step 13:   Rename the first Type Into activity as "Type Into – First Name".

Step 14:   Click the Indicate Element inside Browser link of the first Type Into activity and select the First Name textbox of the RPA Challenge webpage.

Step 15:   Click the Hamburger icon of the first Type Into activity and select Open in UiExplorer.

Step 16:   Click the Indicate anchor option of the UiExplorer window and select the First Name label of the RPA Challenge webpage.

Step 17:   Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 18:   In the text area of the first Type Into activity, enter "John" as first name in double quotes.

Step 19:   Navigate to the Properties Panel of the first Type Into activity and check the "Simulate Type" option to set its value to True.

Step 20:   Now, we will repeat step 13 to step 18 for the next six Type Into activities.

Step 21:   Rename the second Type Into activity as "Type Into – Last Name".

Step 22:   Click the Indicate Element inside Browser link of the second Type Into activity and select the Last Name textbox of the RPA Challenge webpage.

Step 23: Click the Hamburger icon of the second Type Into activity and select Open in UiExplorer.

Step 24: Click the Indicate anchor option of the UiExplorer window and select the Last Name label of the RPA Challenge webpage.

Step 25: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 26: In the text area of the second Type Into activity, enter "Smith" as last name in double quotes.

Step 27: Navigate to the Properties Panel of the second Type Into activity and check the "Simulate Type" option to set its value to True.

Step 28: Rename the third Type Into activity as "Type Into – Company Name".

Step 29: Click the Indicate Element inside Browser link of the third Type Into activity and select the Company Name textbox of the RPA Challenge webpage.

Step 30: Click the Hamburger icon of the third Type Into activity and select Open in UiExplorer.

Step 31: Click the Indicate anchor option of the UiExplorer window and select the Company Name label of the RPA Challenge webpage.

Step 32: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 33: In the text area of the third Type Into activity, enter "UiPath" as company name in double quotes.

Step 34: Navigate to the Properties Panel of the third Type Into activity and check the "Simulate Type" option to set its value to True.

Step 35: Rename the fourth Type Into activity as "Type Into – Role in Company".

Step 36: Click the Indicate Element inside Browser link of the fourth Type Into activity and select the Role in Company textbox of the RPA Challenge webpage.

Step 37: Click the Hamburger icon of the fourth Type Into activity and select Open in UiExplorer.

Step 38: Click the Indicate anchor option of the UiExplorer window and select the Role in Company label of the RPA Challenge webpage.

Step 39: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 40: In the text area of the fourth Type Into activity, enter "Developer" as role in company in double quotes.

Step 41: Navigate to the Properties Panel of the fourth Type Into activity and check the "Simulate Type" option to set its value to True.

Step 42: Rename the fifth Type Into activity as "Type Into – Address".

Step 43: Click the Indicate Element inside Browser link of the fifth Type Into activity and select the Address textbox of the RPA Challenge webpage.

Step 44: Click the Hamburger icon of the fifth Type Into activity and select Open in UiExplorer.

Step 45: Click the Indicate anchor option of the UiExplorer window and select the Address label of the RPA Challenge webpage.

Step 46: Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 47: In the text area of the fifth Type Into activity, enter "Street 12, Midway 45" as address in double quotes.

Step 48: Navigate to the Properties Panel of the fifth Type Into activity and check the "Simulate Type" option to set its value to True.

Step 49: Rename the sixth Type Into activity as "Type Into – Address".

Step 50: Click the Indicate Element inside Browser link of the sixth Type Into activity and select the Phone Number textbox of the RPA Challenge webpage.

Step 51: Click the Hamburger icon of the sixth Type Into activity and select Open in UiExplorer.

Step 52: Click the Indicate anchor option of the UiExplorer window and select the Phone Number label of the RPA Challenge webpage.

Step 53:   Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 54:   In the text area of the sixth Type Into activity, enter "9876543210" as phone number in double quotes.

Step 55:   Navigate to the Properties Panel of the sixth Type Into activity and check the "Simulate Type" option to set its value to True.

Step 56:   Rename the seventh Type Into activity as "Type Into – Email".

Step 57:   Click the Indicate Element inside Browser link of the seventh Type Into activity and select the Email textbox of the RPA Challenge webpage.

Step 58:   Click the Hamburger icon of the seventh Type Into activity and select Open in UiExplorer.

Step 59:   Click the Indicate anchor option of the UiExplorer window and select the Email label of the RPA Challenge webpage.

Step 60:   Uncheck the 'id' checkbox appearing in the Selector Editor panel of the UiExplorer window and click the Validate button. Once the Validate Button turns green, click "Save" to exit the UiExplorer window.

Step 61:   In the text area of the seventh Type Into activity, enter "john.smith@mail.com" as Email in double quotes.

Step 62:   Navigate to the Properties Panel of the seventh Type Into activity and check the "Simulate Type" option to set its value to True.

Step 63:   Save and run the workflow.