AS-IS

TP-2: [RPA developer] Get all emails who subscribed for trip planner.

1. Open your corporate email manually.

2. Navigate to the "Inbox" folder.

3. Check for any new emails related to subscriptions for the trip planner.

4. Manually open each email to access its content.

5. Copy the email address provided in the Google form as the contact information.

6. Manually verify the correctness of the email address spelling.

7. Paste the email address into an Excel spreadsheet along with any additional user information.

8. Save the spreadsheet for future reference.

TP-4: [RPA Developer] Send letter to email with link to Google form to users.

1. Open your corporate email account in a browser.

2. Click on the "Send" button to start composing a new email.

3. Copy the recipient's email address from your table or source.

4. Paste the email address into the recipient field of the email.

5. Copy the subject line from your table and add any personalization for the user.

6. Copy the pre-created cover letter content and add any personalization for the user.

7. Click the "Send" button to send the email.

8. Check the status of the sent email to ensure it was successfully delivered.

TP-7: [RPA Developer] Parse Google form results.

1. Open your browser and log in to your corporate Google account.
2. Navigate to the Google Form that you want to analyze.
3. Go to the "Responses" section of the form.
4. For easier analysis, click on the option to view the responses in an Excel spreadsheet.
5. Open the downloaded Excel spreadsheet containing the form responses.
6. Analyze the received information as needed, using Excel's data manipulation and analysis features.

TO BE

TP-2: [RPA Developer] Get all emails who subscribed for trip planner.

1. Use the "Get Credential" activity to obtain the login and password credentials for accessing the Gmail account.
2. Configure the activity to get the "Email" and "Password" credentials for Gmail login.
3. Use the "Get IMAP Mail Messages" activity to retrieve the emails.
4. Configure the activity by providing the following variables:
5. Email: Use the login email obtained from the "Get Credential" activity.
6. Password: Use the password obtained from the "Get Credential" activity.
7. Save the result in a variable called "MailMessages" of type List<MailMessage>.
8. Use the "Log Message" activity to display the count of all emails.
9. Set the message to "All Emails Count: " + MailMessages.Count.ToString().
10. Use a "For Each" activity to iterate through each email in the "MailMessages" list.
11. Set the TypeArgument to "System.Net.Mail.MailMessage".
12. Create a variable called "mail" to store the current email being processed.
13. Use an "If" activity to check if the email subject contains the phrase "trip planner registration".
14. Set the condition to "mail.Subject.ToLower().Contains("trip planner registration")".
15. If the condition is true (the email subject contains "trip planner registration"), perform the following steps:
16. Use the "Get Queue Items" activity to retrieve all registered emails from the Emails Registration Queue.
17. Store the result in a variable called "RegisteredEmailsItems" of type List<QueueItem>.
18. Use another "For Each" activity to iterate through each item in the "RegisteredEmailsItems" list.
19. Set the TypeArgument to "UiPath.Core.QueueItem".
20. Create a variable called "EmailItem" to store the current item being processed.
21. Use an "If" activity to check if the email already exists and the status is "Completed".
22. Set the condition to 'EmailItem.SpecificContent("email").ToString = mail.From.Address' and 'EmailItem.Status.ToString = "Completed"'.
23. If the condition is true, add the email to the Registered Queue:
24. Use the "Add Queue Item" activity to add an item to the Registered Queue.
25. Set the item information with the key "email" and value as 'mail.From.Address'.
26. If the condition is false, add the email to the New Emails Registration Queue:
27. Use the "Add Queue Item" activity to add an item to the New Emails Registration Queue.

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TP-4: [RPA Developer] Send letter to email with link to Google form to users.

1. Open UiPath Studio: Launch UiPath Studio, the integrated development environment (IDE) for building automation workflows.
2. Drag and drop activities: In the modern design interface, drag and drop the required activities from the activity panel onto the workflow canvas.
3. Use the appropriate automation activities:
   1. Use Browser activity: Drag and drop the "Use Browser" activity onto the canvas. Set the Arguments property to the variable "in\_EmailURL" which contains the link to the Google form.
   2. Click activity: Add a "Click" activity inside the "Use Browser" activity. This will simulate clicking on the "Send letter" button on the webpage.
   3. Type Into activity (Receiver): Add a "Type Into" activity after the "Click" activity. Set the "Text" property to the argument "in\_Receiver\_Email" which contains the email address of the receiver.
   4. Type Into activity (Subject): Add another "Type Into" activity. Set the "Text" property to the argument "in\_Letter\_Subject" which contains the subject of the letter.
   5. Type Into activity (Text): Add a third "Type Into" activity. Set the "Text" property to the argument "in\_Letter\_Text" which contains the content of the letter.
   6. Click activity (Send): Add a final "Click" activity to simulate clicking on the send button or icon to send the email.
4. Configure activity properties: Set the necessary properties for each activity, such as selectors, variables, or input fields, according to the specific elements and values required in your application.
5. Add arguments: Define the necessary arguments, such as "in\_EmailURL" for the link to the gmail company, "in\_Receiver\_Email" for the recipient's email address, "in\_Letter\_Subject" for the subject of the letter, and "in\_Letter\_Text" for the content of the letter.
6. End the automation: Add an activity, such as "Message Box" or "Log Message," to indicate the completion of the automation process.

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TP-7: [RPA Developer] Parse Google form results.

1. Open UiPath Studio: Launch UiPath Studio, the integrated development environment (IDE) for building automation workflows.
2. Drag and drop activities: In the modern design interface, drag and drop the required activities from the activity panel onto the workflow canvas.
3. Use the appropriate automation activities:
   1. Use Browser activity: Drag and drop the "Use Browser" activity onto the canvas. Set the Arguments property to the variable "in\_ResponsesFormURL" which contains the link to the Google form.
   2. Click activity (File): Add a "Click" activity inside the "Use Browser" activity. This will simulate clicking on the "File" option in the Google form.
   3. Click activity (Download): Add another "Click" activity to simulate clicking on the "Download" option in the Google form.
   4. Click activity (OpenDocument): Add a third "Click" activity to simulate selecting the "OpenDocument (.ods)" option for downloading the form responses.
   5. Assign activity: Add an "Assign" activity to assign the variable "responsesPath" the value of the downloaded file's path using the expression Environment.GetFolderPath(Environment.SpecialFolder.UserProfile) + "\Downloads" + "\Trip\_planner\_form\_responses.xlsx".
   6. Read Range activity: Use the "Read Range" activity to read the data from the "Form\_responses" sheet of the workbook located at "responsesPath". Store the output in a DataTable variable named "dt\_User\_Responses".
   7. For Each Row activity: Add a "For Each Row" activity to iterate through each row of the "dt\_User\_Responses" DataTable. Assign the current row to a variable named "CurrentResponse".
   8. Add Queue Item activity: Inside the "For Each Row" activity, add an "Add Queue Item" activity. Set the orchestrator folder path to "Trip-Planner", the queue name to "Trip\_Planning\_Requests", and populate the item information fields (email, countries, languages, interesting\_places, hobbies, budget, vacation\_start\_date, vacation\_end\_date) with the respective columns from the "CurrentResponse" DataRow.
   9. Write Range activity: Finally, use the "Write Range" activity to write the "dt\_User\_Responses" DataTable back to an Excel file. Set the output file path to "Data\Output\trip\_planner\_form\_responses.xlsx" and the sheet name to "Test".
4. Configure activity properties: Set the necessary properties for each activity, such as selectors, variables, or input fields, according to the specific elements and values required in your application.
5. Add arguments and variables: Define the necessary arguments and variables, such as "in\_ResponsesFormURL" for the Google form URL and "responsesPath" for the downloaded file path.
6. End the automation: Add an activity, such as "Message Box" or "Log Message," to indicate the completion of the automation process.