**Demo - Understand the Business rules to Automate**

* Create a Robot which Monitors Incoming Emails and save attachments and recipient details if Subject name of mail contains “Selenium”
* Consolidate all the recipient emails with subject Selenium and email to Recruiter

**Important settings for Gmail Account before proceeding**

* Link: <https://docs.uipath.com/studio/docs/enabling-gmail-for-email-activities>

Enabling POP3/IMAP from Gmail

* Go to https://mail.google.com and log in with the email you want to use in your automation.
* Click Settings > Settings. The Settings page is opened.
* In the Forwarding and POP/IMAP tab, select the Enable POP and Enable IMAP check boxes.

Generate and Use an App Password from Google

* Go to <https://security.google.com/settings/security/apppasswords>
* From the Select app drop-down select Other (Custom Name). A text box (Custom Name) is displayed.
* Fill in the text box with a custom app name, such as UiPath, and click Generate.

A 16-character password is generated that can be used in UiPath Studio instead of the original password.

**How to read Emails in Gmail Server using UIPath**

Open uipath->select **FirstDemo1Process** project->select project->right click on **FirstDemo1Process**

->select add->select Flowchart->Name: **MailRobot**->select create

Select Activity->search sequence->select **Sequence**->drag and drop **Sequence** to the flowchart->double click on **Sequence**->Rename: Retrieve Emails and Attachments

Select Activity->search Get IMAP->select **Get IMAP Mail Messages**->drag and drop **Get IMAP Mail Messages** to the flowchart

In the Gmail account->create a new label->name: **jobs**

Select **Get IMAP Mail Messages**->in the properties

->select **Logon**->Email: give\_email

->select Host->MailFolder: "**jobs**", Port: **993**, Server: "**imap.gmail.com**"

Select Activity->search Get Password->select **Get Password**->drag and drop **Get Password** to the flowchart before **Get IMAP Mail Messages** activity

Select **Get Password**->in the properties->select **Misc**->Password: give 16-character generated password

-> Result: press ctrl + k-> Result: **pwd** ->then give enter

Select Variables->select **pwd**->scope: **MailRobot**

Select **Get IMAP Mail Messages**->in the properties->select **Logon**->Password: **pwd**

->select **Options**->MarkAsRead: click, Top: 5,

->select **Output**->Messages: press ctrl + k-> Messages: **mailList** ->then give enter

Select Activity->search For Each->select **For Each**->drag and drop **For Each** to the flowchart after **Get IMAP Mail Messages** activity

Select **For Each**->in the properties->select **Misc**->List of items: mailList

->TypeArgument: System.Net.MailMesage

Select Activity->search Write Line->select **Write Line** ->drag and drop **Write Line** to the flowchart in Body of **For Each** activity

Select **Write Line**->Text: item.Subject

To run the workflow->right click on the particular file which will run->select **Set as Start Node**->select Debug file->select Run File

In the output, it will give the subject of the email

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**Save Attachments and Receipt Email address with logical condition**

Disable the **Write Line** activity which is in the body of the **For Each** activity

Select Activity->search If->select **If** ->drag and drop **If** to the flowchart in Body of **For Each** activity

Select **If** ->condition: **item.Subject.Contains("Selenium")**

Select Activity->search Append Line->select **Append Line** ->drag and drop **Append Line**

->to the **If** activity in the **Then** section

Select **Append Line** ->Text: **item.From.ToString** ->Write to filename: "**FromDetails.txt**"

To run the workflow->right click on the particular file which will run->select **Set as Start Node**->select Debug file->select Run File->a file name: **FromDetails** will be generated in the Project which contains the email which are sent

Select Activity->search Sequence->select **Sequence** ->drag and drop **Sequence**

->to the **If** activity in the **Then** section

Create a folder name: **attachments**->a place the folder in the

Select Activity->search Save Attachments->select **Save Attachments** ->drag and drop **Save Attachments**

->to the **Sequence** activity of the **Then** section before **Append Line** activity

Select **Save Attachments** ->in the properties->select **Input**->Message: **item** , FolderPath: "**attachments**"

Rename the **Sequence** activity with their task

To run the workflow->right click on the particular file which will run->select **Set as Start Node**->select Debug file->select Run File->email which contain the attachments are placed in the attachments folder

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**Mini Robot to Send Emails with attachments to any User**

Select Activity->search Delete->select **Delete** ->drag and drop **Delete** between the **Get Password** activity and **Get IMAP Mail Messages** activity

Select **Delete** ->in the properties->select **File**->Path: "**FromDetails.txt**"

Select **Delete** ->right click->select **Surround with Try catch**

Select **Catches**->select Exception: System.IO.FileNotFoundException

Select Activity->search Write Line->select **Write Line** ->drag and drop **Write Line** in the **Catches**

Select **Write Line** ->Text: "File not found"

Open uipath->select Flowchart->Name: **MailRobot**

Select Activity->search sequence->select **Sequence**->drag and drop **Sequence** to the flowchart->double click on **Sequence**->Rename: **Send Email of Recipients to Recruiter**

Select Activity->search Send SMTP Mail Message->select **Send SMTP Mail Message** ->drag and drop **Send SMTP Mail Message** to the flowchart

Select **Send SMTP Mail Message** ->in the properties

->select **Host**->Port: **465**, Server: "**smtp.gmail.com**"

->select **Logon**->Email: give\_email, Password: **pwd**

->select **Options**->IsBodyHtml: click

->select **Receiver**->To: receiver\_email

->select **Sender**->From: sender\_email, Name: sender\_name

->select **Email**->Subject: Subject\_of\_email, Body: body\_of\_email

Select **Send SMTP Mail Message**->select **Attach Files**->select create Argument->Value:"**FromDetails.txt**"

To run the workflow->right click on the particular file which will run->select **Set as Start Node**->select Debug file->select Run File

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