To Get Work Item Created In Azure DevOps When You Get Particular Mail In Outlook Using Power Automate

* Open Power Automate in the browser

<https://powerautomate.microsoft.com/en-us/>

* Sign-in using Microsoft Account

Graphical user interface, application

Description automatically generated

* You get power automate opened in the below format

Graphical user interface, application

Description automatically generated

* Go to My flows🡪Desktop flows 🡪 Power Automate for desktop 🡪 Install

Graphical user interface, application, Teams

Description automatically generated

* You get a Power Automate App in Start Button

Graphical user interface, text, application

Description automatically generated

* Power Automate Desktop App gets opened, Create a New flow

Graphical user interface, application

Description automatically generated

* Name the flow and process with Create

Graphical user interface, application

Description automatically generated

* As we need to get the data from outlook, select Outlook from Actions and drag & drop “Launch Outlook” onto the main area.

Graphical user interface, text, application, email

Description automatically generated

* Email need’s to get retrieved from outlook, so drag & drop “ Retrieve email messages from outlook ”.

Graphical user interface

Description automatically generated

* Account: outlook account from which you want to retrieve the mail’s
* The below are the filters :
* Mail folder: You can select “ Inbox” , “ Sent Items” etc.,
* Retrieve : “All email messages”, “Un-read email messages only”, “Read email messages only”.
* From Contains: Any thing which contains in “From” in Mail box.
* To Contains: Any thing which contains in “To” in mail box.
* Subject Contains: Any thing which contains in “Subject” in Mail box.
* Body Contains: Any thing which contains in “Body” in Mail box.
* Here, “RetrievedEmails” variable is created.
* If there are multiple Emails based on the filters, so as to get details each in detailed manner, For Each loop is used in power automate desktop, which is available in actions.

Graphical user interface, application

Description automatically generated

* In For Each Loop, “Retrieved emails” Variable is assigned to “Email”.

Graphical user interface, application, Teams

Description automatically generated

* Now, we need to connect outlook with Azure DevOps using “Invoke Web Service” in PAD.

Graphical user interface, application

Description automatically generated

* In “Invoke web Service”

Graphical user interface

Description automatically generated

* Url : Rest API is used to list the work item In Azure DevOps.
* Method: As we are posting data into Azure DevOps, we use “POST” method.
* Custom Headers: Authorization: Basic <Encrypted code>

Encrypted Code: Personal Access Token is taken from Azure DevOps and encrypted that code in <https://www.base64encode.org/>, as it supports encrypted code.

* Request Body: We need to enter the fields which we want to enter here. We can add as many fields as needed.

[

{

"op": "add",

"path": "/fields/System.Title",

"from": null,

"value": "%Email['Subject']%"

},

{

"op": "add",

"path": "/fields/System.description",

"from": null,

"value": "%Email['Body']%"

},

{

"op": "add",

"path": "/fields/System.tags",

"from": null,

"value": "Solved"

}

]

* In Advanced option , “Encode Request body” needs to be turned off.

Graphical user interface

Description automatically generated

* Outlook needs to get closed.

Graphical user interface, application

Description automatically generated

* When we run in Power Automate Desktop, work item in Azure DevOps gets created.

Graphical user interface, text, application

Description automatically generated