**Adaptive Card for Outlook**

**Summary:**

* Creating a MS Flow that will send Approval Card in Outlook email
* Adaptive card will contain actionable button to Approve or Reject along with required comments to fill before providing response.
* It will response back as “Thank You” after providing response

**Development Steps:**

It will contain 2 workflows,

First one for sending email (Manual Event)

Second one for replying back to Outlook and performing any action (When an request is received)

## The O/P in the email will be as

## Graphical user interface, text, application, email Description automatically generated

## Create a new MS Flow with template as “Manual Trigger” and “Compose Action” with “Send an Email” action.

## For Compose Action, you can get template by creating new by going to Designer Site > New Card > Select Host App as “Outlook Actionable Messages”

## <https://adaptivecards.io/designer/>

## Or You can use already used template code as below:

## Start Code:

{

    "type": "AdaptiveCard",

    "$schema": "http://adaptivecards.io/schemas/adaptive-card.json",

    "version": "1.0",

    "body": [

        {

            "type": "TextBlock",

            "text": "Provide your comments",

            "wrap": true,

            "size": "medium",

            "weight": "bolder",

            "color": "warning",

            "id": "lbl"

        },

        {

            "type": "Input.Text",

            "id": "answer",

            "isMultiline": true,

            "placeholder": "Type your comments"

        }

    ],

    "actions": [

        {

            "type": "Action.Http",

            "title": "Approve",

            "method": "POST",

            "url": "https://prod-106.westus.logic.azure.com:443/workflows/0e8345354353432554fa3031c09fca/triggers/manual/paths/invoke?api-version=2016-06-01&sp=%2Ftriggers%2Fmanual%2Frun&sv=1.0&sig=uXJx8GYV8y5wfWUEfl5zK7tyScRBbzGlKC7\_AV2DDHI",

            "body": "{\n\"UserResponse\":\"{{answer.value}}\",\n\"ActionType\":\"Approve\"\n}",

            "headers": [

                {

                    "name": "Authorization",

                    "value": ""

                },

                {

                    "name": "Content-Type",

                    "value": "application/json"

                }

            ],

            "id": "Approve"

        },

        {

            "type": "Action.Http",

            "title": "Reject",

            "id": "Reject",

            "method": "POST",

            "url": "https://prod-106.westus.logic.azure.com:443/workflows/0e8a32453515fa3031c09fca/triggers/manual/paths/invoke?api-version=2016-06-01&sp=%2Ftriggers%2Fmanual%2Frun&sv=1.0&sig=uXJx8GYV8y5wfWUEfl5zK7tyScRBbzGlKC7\_AV2DDHI",

            "body": "{\n\"UserResponse\":\"{{answer.value}}\",\n\"ActionType\":\"Reject\"\n}",

            "headers": [

                {

                    "name": "Authorization",

                    "value": ""

                },

                {

                    "name": "Content-Type",

                    "value": "application/json"

                }

            ]

        }

    ]

}

## End Code

## Note: You need to provide the URL of the other workflow which you run for sending response back to Outlook.

## Then you need to configure for Send an Email as :

## <script type="application/adaptivecard+json">

## @{outputs('Compose')}

## </script>

## 

## Create another Workflow that will be called when user clicks Approves/Reject in outlook .

## Take template as “When an HTTP Request Received” and To generate Schema, you can paste the JSON object which you want to pass. I want to pass in below format as:

## {

## "UserResponse": "",

## "ActionType":""

## }

## Now again you can go to designer page given above to generate “Thank You” message.

## I have used as:

## Start Code:

## {

## "type": "AdaptiveCard",

## "$schema": "http://adaptivecards.io/schemas/adaptive-card.json",

## "version": "1.0",

## "body": [

## {

## "type": "TextBlock",

## "text": "Thank you for your feedback.",

## "wrap": true

## }

## ]

## }

## End Code

## Add new action as “Response” and configure as:

## Status Code : 200

## Headers:

## CARD-UPDATE-IN-BODY:true

## Body:Output from Compose

## Graphical user interface, text, application, email Description automatically generated