**APP Registration and Consumption in MS Flow**

**Navigate to “App Registration” and create New Registration**

**Graphical user interface, text, application, email

Description automatically generated**

## Provide some name for “Register an application”

## 

## Navigate to API Permission from left tab and Add Permission

## Select Microsoft Graph API and select “Delegate Permission” along with below config. In some cases, you need to select “Application Permission”.

## 

## Click On Certificates and Secrets and generate new Certificate. Copy the certificate value and store it for future use.

## MS Flow Configuration to generate token and use it for subsequent calls.

## 

## Now add an HTTP action and provide details as :

## Method: Post

## URL:

## [https://login.microsoftonline.com/@{variables('tenantid')}/oauth2/token](https://login.microsoftonline.com/@%7bvariables('tenantid')%7d/oauth2/token)

## Content-Type:

## application/x-www-form-urlencoded

## Body:

## client\_id=@{variables('clientid')}&scope=https://graph.microsoft.com/User.Read, https://graph.microsoft.com/Sites.Read [&client\_secret=@{variables('secretid')}&resource=https://graph.microsoft.com&grant\_type=client\_credentials](mailto:&client_secret=@%7bvariables('secretid')%7d&resource=https://graph.microsoft.com&grant_type=client_credentials)

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

## Add an action of “Parse JSON”. Select Body as Content.

## For Schema, paste the output result from HTTP

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

## Add action of Compose and add as “Bearer ‘Token Variable’”

## Graphical user interface, application Description automatically generated with medium confidence

## Add one more action of HTTP and configure as:

## Method: Get

## URI: [https://graph.microsoft.com/v1.0/sites/site id replace](https://graph.microsoft.com/v1.0/sites/site%20id%20replace) here/lists/5c3cd208-1e89-4a1b-9e0c-4e50044c3332/items?$expand=fields

## Headers:

## Authorization: @outputs('Compose\_Token')

## Host:graph.microsoft.com

## 

## Complete Flow should look as below:

## A picture containing bar chart Description automatically generated