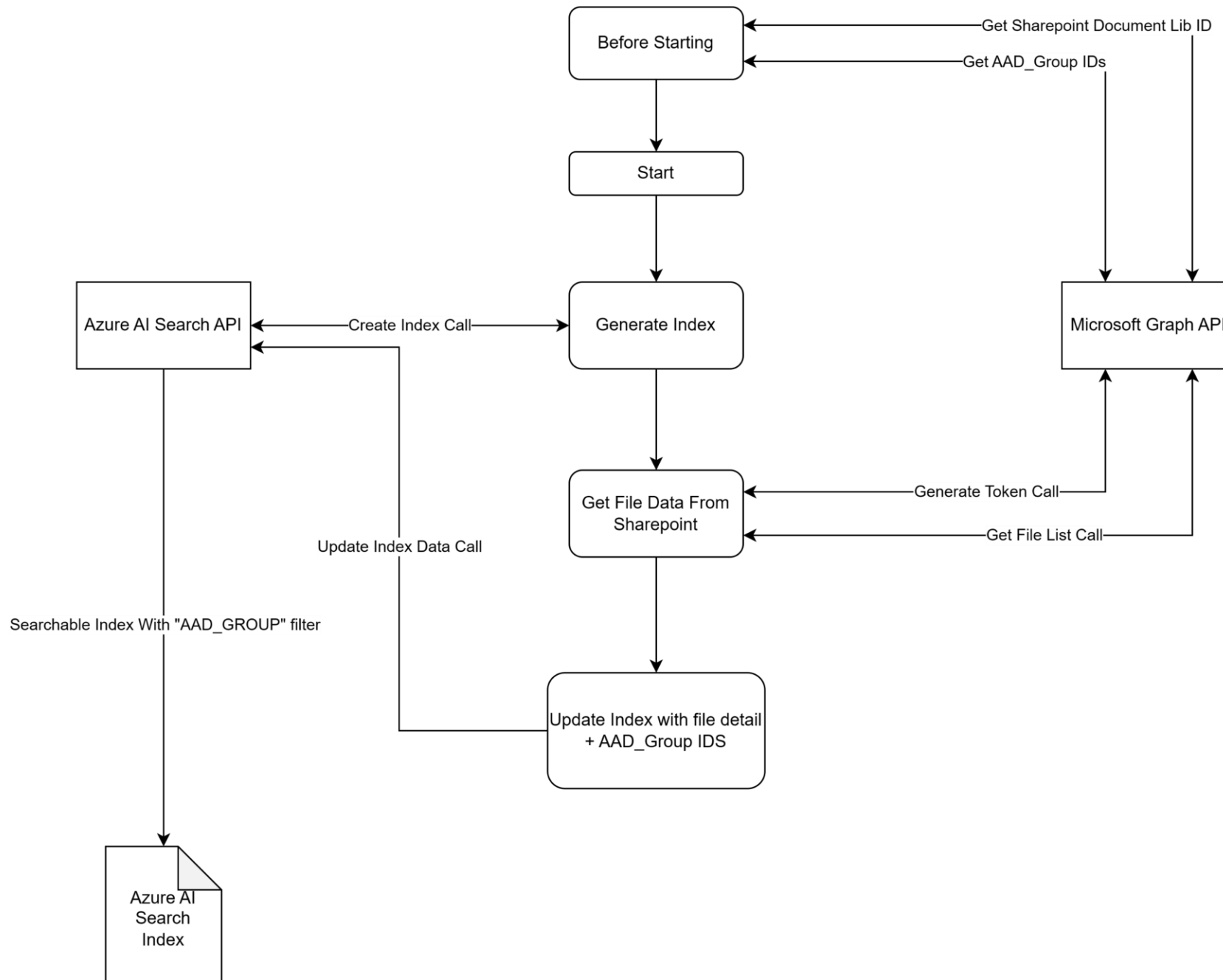


Quick Overview Of Azure AI Search using Security Filter

Filtering Azure AI Search Result with Users Group Permission
Using Group ID as a filter

How Azure AI Search index is generated Via Demo App

- Demo Console App
 - C-Sharp (dotnet 6.0)
 - Graph API
 - AI Search API

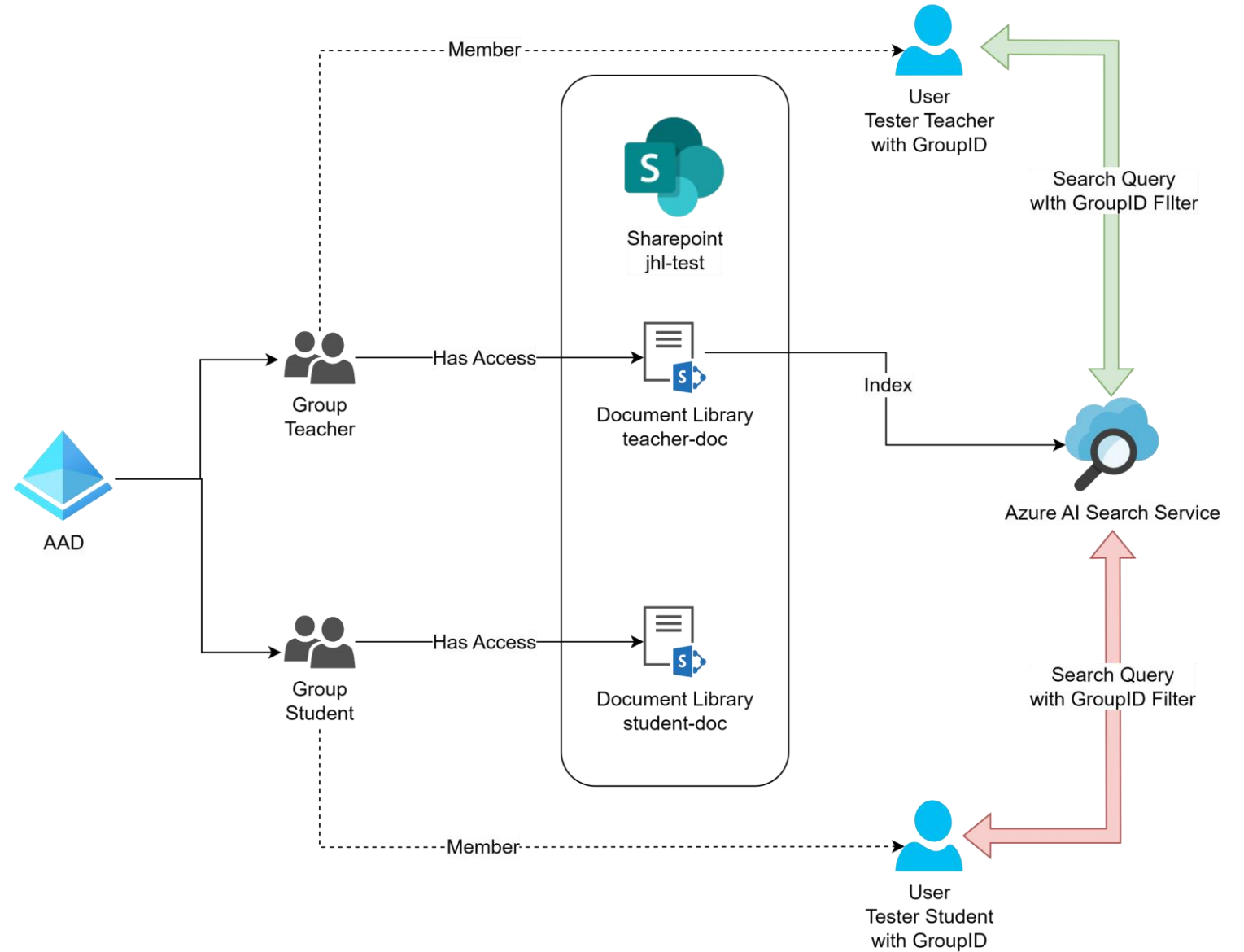


Demo Information

- AAD
 - Group
 - teacher
 - ID: 7a4108af-6af1-4830-9bda-d85d45ad2020
 - student
 - ID: 98aa13aa-fcaa-4425-b1d7-32580a31f34c
 - List All Group for the User
 - <https://graph.microsoft.com/v1.0/me/memberOf>
- SharePoint
 - jhl-test
 - Id: 1n5xj8.sharepoint.com,fc9cf324-f177-480e-86b6-ad055fa1c1fb,31ec7fcf-6125-419f-8cdf-8dc8fc968876
 - Document Library
 - Teacher-doc
 - Id: b!JPOc_HfxDkiGtq0FX6HB-89_7DElYZ9BjN-NyPyWiHaMLQTuMmUBTYpFPV-kGs6s
 - Student-doc
 - Id: b!JPOc_HfxDkiGtq0FX6HB-89_7DElYZ9BjN-NyPyWiHYRJq1kw5ZCRKepMYjulo1d
- Azure AI Service
 - Index
 - sharepoint-index-demo
 - Query Example

```
{
  "search": "in-network",
  "filter": "AAD_GROUPS/any(g:search.in(g, '98aa13aa-fcaa-4425-b1d7-32580a31f34c'))"
}
```

Overview of flow



Resources

- Microsoft Graph
 - [Microsoft Graph overview - Microsoft Graph | Microsoft Learn](#)
 - Graph Explorer
 - <https://developer.microsoft.com/en-us/graph/graph-explorer>
- Azure AI Search API
 - [Search Service REST APIs - Azure AI Search | Microsoft Learn](#)
 - Quick start to Azure AI Search Index
 - [Quickstart: Create a search index using REST APIs - Azure AI Search | Microsoft Learn](#)
 - Azure sharepoint indexer (preview)
 - [SharePoint indexer \(preview\) - Azure AI Search | Microsoft Learn](#)
 - Security Filters for trimming search results
 - [Security filters for trimming results - Azure AI Search | Microsoft Learn](#)
 - [Security filters to trim results using Microsoft Entra ID - Azure AI Search | Microsoft Learn](#)
- Index Generator Sample
 - Code Used
 - <https://github.com/juhyunlee8187/SPOIndexGenerator>
 - Referenced document / code sample
 - [\(21\) Chat with SharePoint Documents using Azure OpenAI and Azure Search | LinkedIn](#)