

USER GUIDE

Penthara Org Chart for Microsoft Teams – User Guide.

PREPARED FOR

 **Microsoft**



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Penthara Org chart for Microsoft Teams

Penthara Organization Chart for Microsoft Teams is a custom-built App for Microsoft Teams that works in conjunction with SharePoint App. Penthara Org Chart for SharePoint needs to be installed as a pre-requisite from SharePoint Store to be able to use Penthara Org Chart for Microsoft Teams App in Microsoft Teams.

This app comes with a host of new features like Advanced Search, Custom SharePoint User Profile Attributes, Azure Active Directory Extended Attributes and much more. This app supports Microsoft Teams, outlook and Microsoft 365 hubs.

Pre-Requisites

To be able to consume Penthara Org Chart for Microsoft Teams, please ensure that the below pre-requisites are met. After you have verified that the pre-requisites have been met, only then begin with the installation of Penthara Org Chart for Microsoft Teams.

- SharePoint Service Admin Permissions on Microsoft 365 Tenant.
- Install Penthara Org Chart for SharePoint from SharePoint Store.
- Grant API Permissions via SharePoint Admin Center.

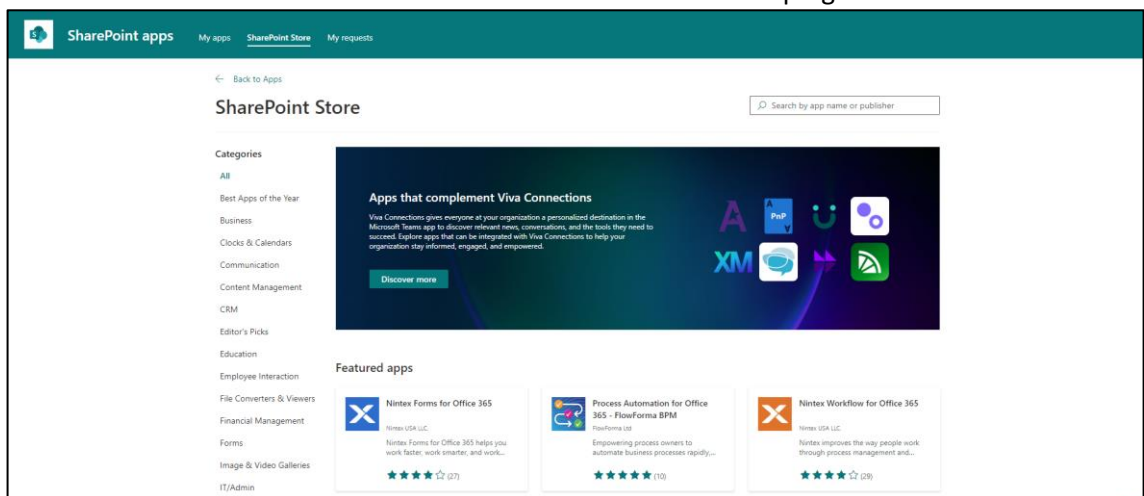
Installation Instructions

To use Penthara Org chart for Microsoft Teams, you need to ensure that all the pre-requisites listed above are met.

Install Penthara Org Chart for SharePoint

Follow the below steps to obtain and install Penthara Org Chart for SharePoint on in your tenant:

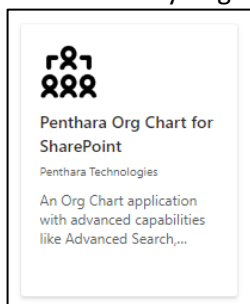
1. Navigate to **SharePoint Admin Center**.
2. Click on **More features** option on the left panel and then click on **Open** button in the **Apps** Section.
3. You will be taken to **SharePoint App Catalog**. From the SharePoint App Catalog, click on **SharePoint Store** on the left Panel.
4. You will be taken to **SharePoint Store**. You will see a search box on the top right of the store.



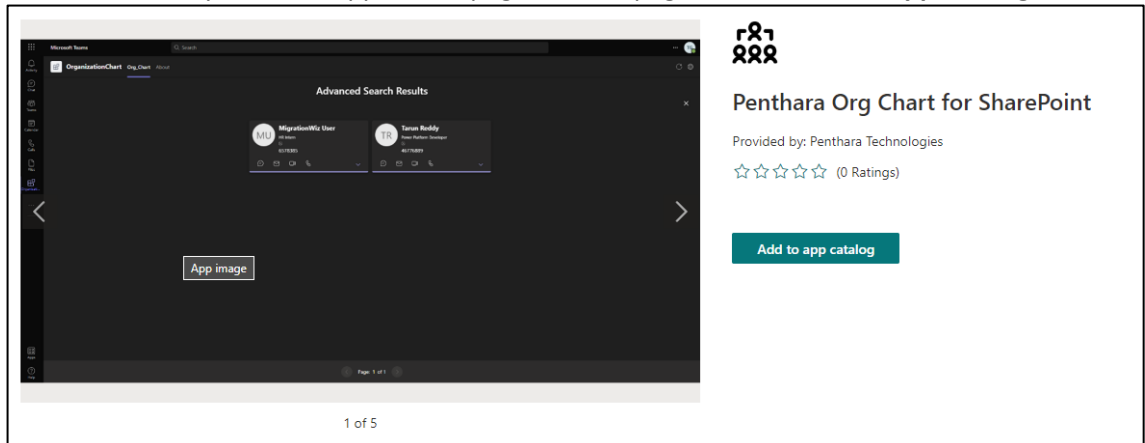
5. Search for **“Penthara”** in the search box.



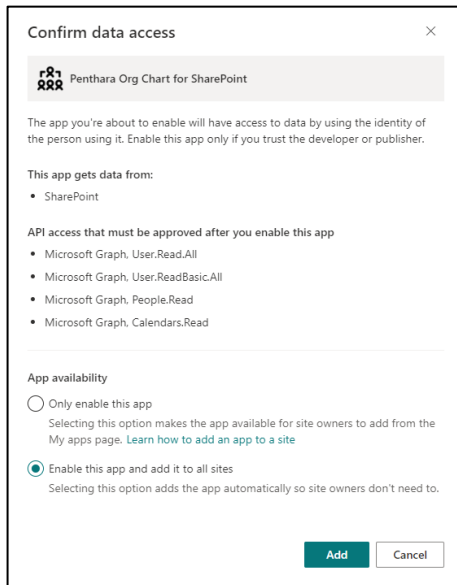
6. From the results that you get, select **Penthara Org Chart for SharePoint** tile.



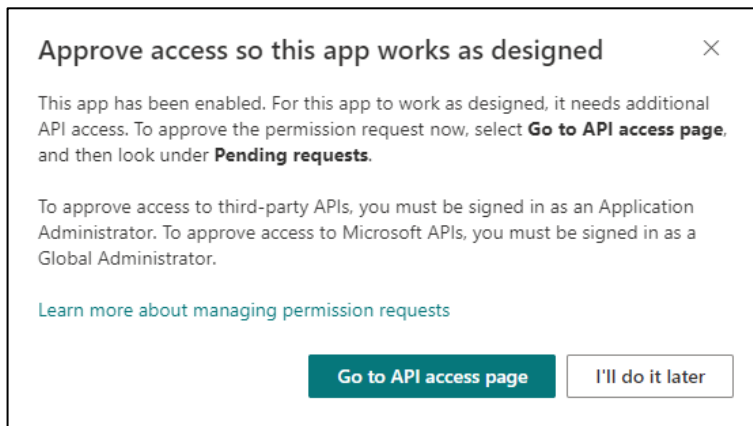
7. Clicking the tile will take you to the app details page. On this page, click on **Add to app catalog**.



8. On clicking **Add to app catalog**, you will be presented with the **Confirm Data Access** dialog box. This box explains what permissions are required for the app to function.



9. From the **App Availability** section, select the desired option and click **Add**.
10. After clicking the **Add** button, you will be presented with **Approve Access so this app works as designed** dialog box.



11. Click on **Go to API access page** button. You will be taken to the **API Access** page in the SharePoint App Catalog.

Note: This is a Critical step. If this step is skipped, the app will not work at all.



API access

Manage access to Azure AD-secured APIs from SharePoint Framework components and scripts.
[Learn about managing permission requests](#)

API name	Package	Permission	Last requested
Pending requests (5) <ul style="list-style-type: none"> Organization-wide (5) <ul style="list-style-type: none"> Microsoft Graph Penthara Org Chart for SharePoint User.Read.All 22/3/2024 Microsoft Graph Penthara Org Chart for SharePoint User.ReadBasic.All 22/3/2024 Microsoft Graph Penthara Org Chart for SharePoint People.Read 22/3/2024 Microsoft Graph Penthara Org Chart for SharePoint Calendars.Read 22/3/2024 Microsoft Graph Penthara Org Chart for SharePoint Presence.Read.All 22/3/2024 			
Approved requests (0)			

12. Please ensure you **approve 5 permissions** that are listed under pending requests section. In case there are more than 5 listed, you just need to approve the ones listed above.
Note: This is a Critical step. If this step is skipped, the app will not work at all.

13. After you are done approving the requests, the **API Access** section will look like this.

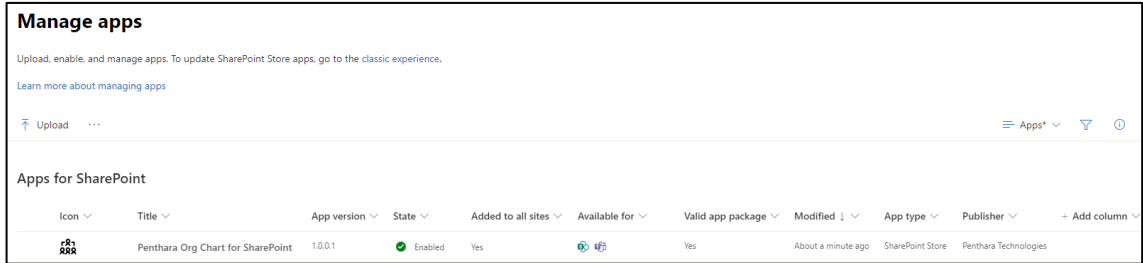
API access

Manage access to Azure AD-secured APIs from SharePoint Framework components and scripts.
[Learn about managing permission requests](#)

API name	Package	Permission	Last requested
Pending requests (0)			
Approved requests (5) <ul style="list-style-type: none"> Organization-wide (5) <ul style="list-style-type: none"> Microsoft Graph - User.Read.All - Microsoft Graph - People.Read - Microsoft Graph - Presence.Read.All - Microsoft Graph - Calendars.Read - Microsoft Graph - User.ReadBasic.All - 			



- Navigate back to **SharePoint App Catalog** that you opened in Step 2 above and click on **Manage App** option on the left panel. An entry on this page under **Apps for SharePoint** section confirm addition of app to SharePoint App Catalog.

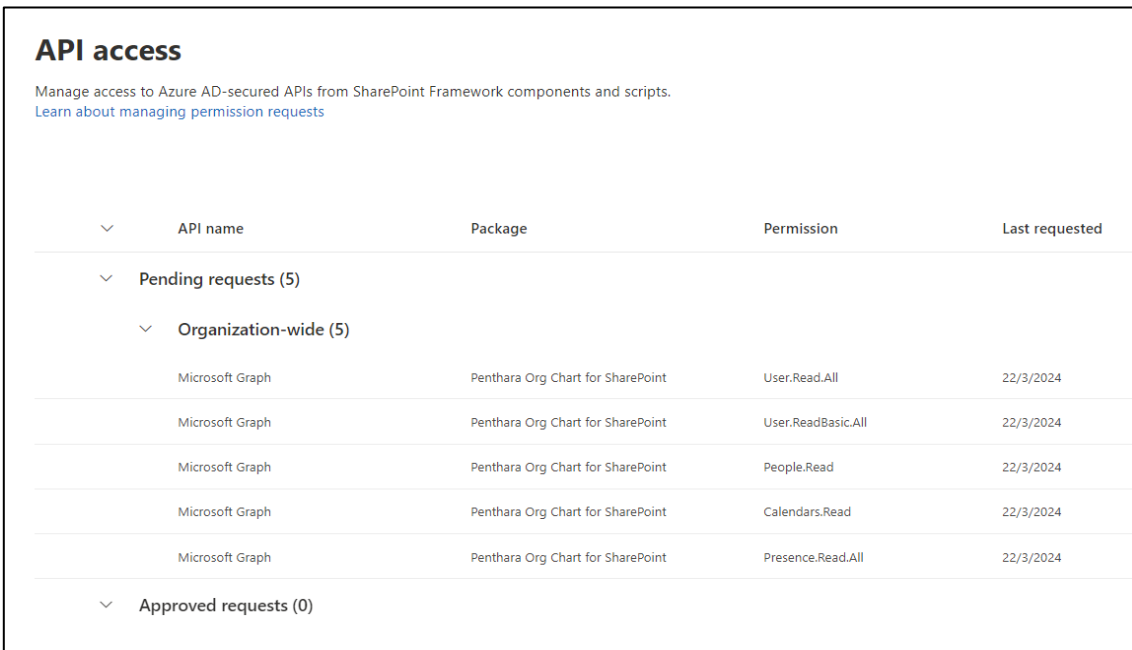


- Check the following parameters of the entry to **confirm a successful installation**:
 - State = Enabled
 - Added to All Sites: Yes/No (based on the decision you made in Step 9).
 - Available for: SharePoint, Microsoft Teams (logos visible)
 - Valid App Package = Yes

Grant API Permissions

Below steps explicitly outline the process that needs to be followed to grant API Access to required permissions:

- Navigate to **SharePoint App Catalog**. Refer to Step 1 & 2 in [Install Penthara Org Chart for SharePoint](#) section.
- Click on **API Access** page in the SharePoint App Catalog.



- Please ensure you **approve 5 permissions** that will be listed under pending requests section. In case there are more than 5 listed, you just need to approve the ones listed above.



4. After you are done approving the requests, the **API Access** section will look like this

API access

Manage access to Azure AD-secured APIs from SharePoint Framework components and scripts.
[Learn about managing permission requests](#)

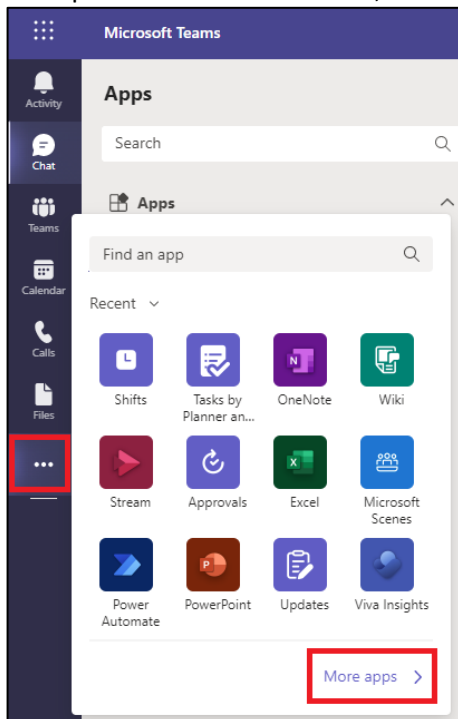
API name	Package	Permission	Last requested
<div style="margin-left: 20px;"> ▼ Pending requests (0) </div>			
<div style="margin-left: 20px;"> ▼ Approved requests (5) </div>			
<div style="margin-left: 40px;"> ▼ Organization-wide (5) </div>			
Microsoft Graph	-	User.Read.All	-
Microsoft Graph	-	People.Read	-
Microsoft Graph	-	Presence.Read.All	-
Microsoft Graph	-	Calendars.Read	-
Microsoft Graph	-	User.ReadBasic.All	-

Install Penthara Org Chart for Microsoft Teams

Penthara Org Chart for Microsoft Teams is available on the Teams Store, below instructions have outlined the process of installation.

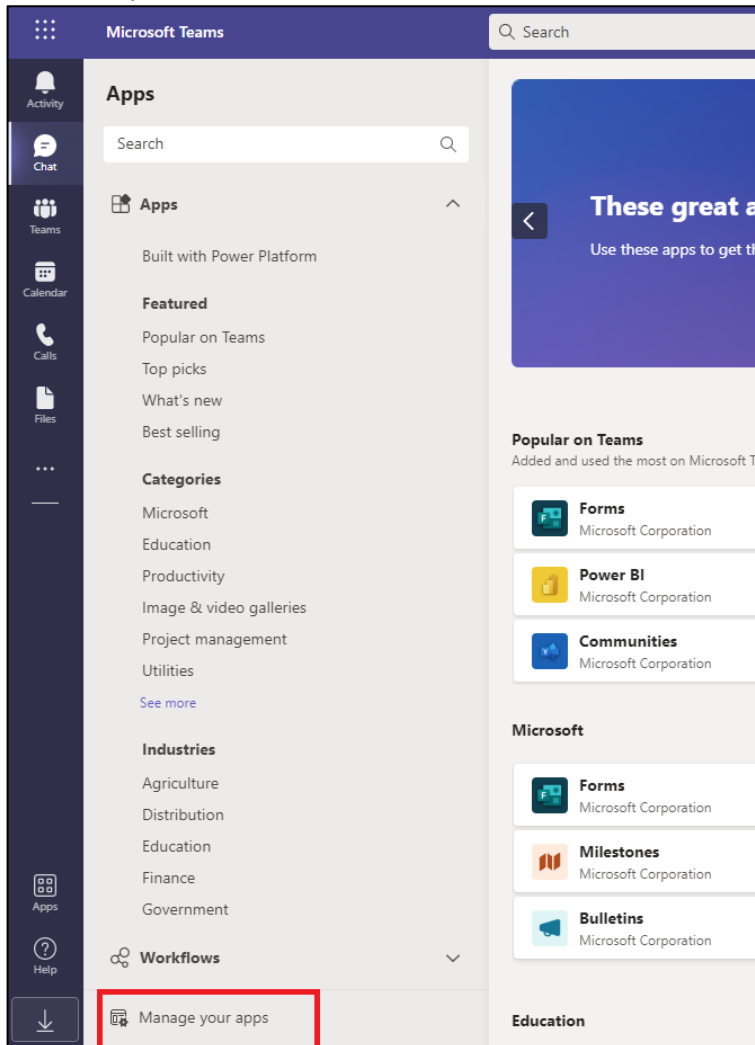
Please follow the below instructions to install **Penthara Org Chart for Microsoft Teams**:

1. Launch Microsoft Teams Application or login to [Microsoft Teams Web](#) interface.
2. From the left panel of Microsoft Teams, click on the ellipses and then click on **More Apps**.

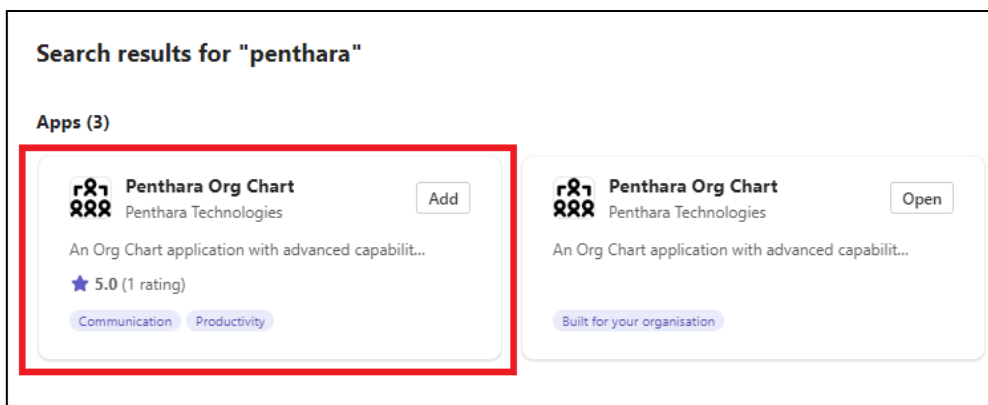




3. You will be taken to Team Store. On this screen, click on **Manage your apps** option that is visible on the bottom of the left panel.



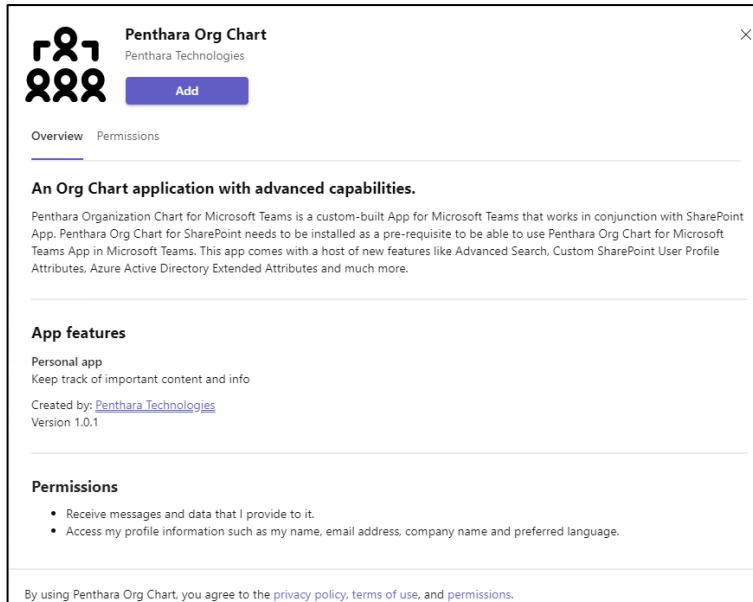
4. From the **Manage your Apps** screen, Search for “Penthara” in the search box.



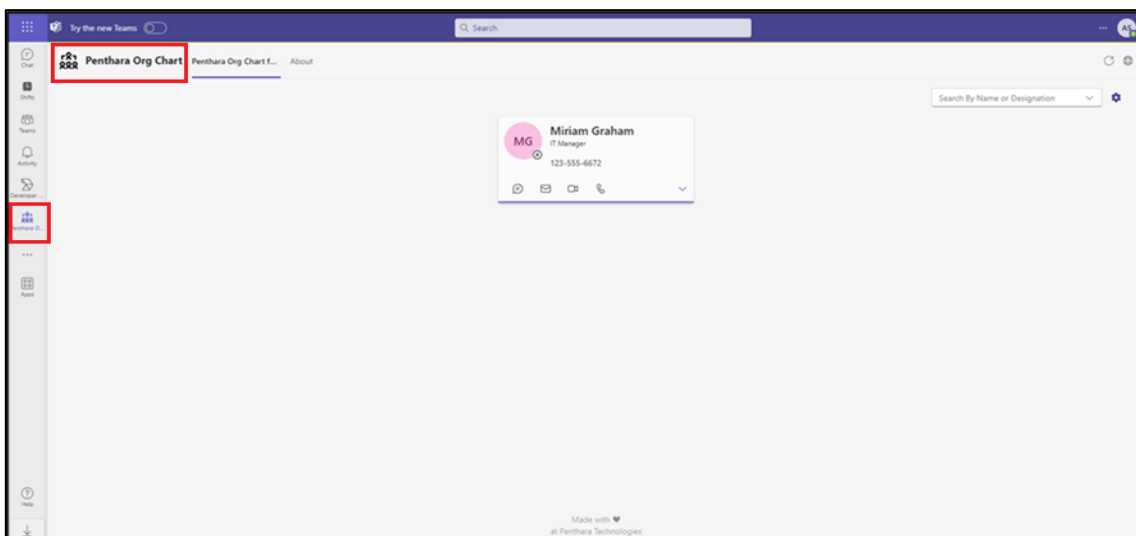
5. You will be presented with two of the above options. From there choose the highlighted one.
6. Select the app and click **Add**.



7. After you click Add button, you will be presented with **Penthara Org Chart** dialog box in Microsoft Teams.
8. Review the **Overview** and **Permissions** sections of the dialog box and click **Add** button to add the app to Microsoft Teams.



9. After you click the Add button, you will be taken to the App page. You will also see the app in the left panel of Microsoft Teams.



Usage References

How to create custom User Profile Properties in SharePoint Online?

[Add and edit user profile properties in SharePoint - SharePoint in Microsoft 365 | Microsoft Docs](#)

How to update Azure AD Extended Attributes via Graph Explorer?

1. Navigate to [Graph Explorer](#) and login with a Global Admin account.
2. On first login, you will be required to grant a consent to **Microsoft Graph Explorer** on behalf of the organization.



4. Once logged in, you need to consent the **User.ReadWrite.All** permission in the **Modify permissions (Preview)** tab of the Graph Explorer.
5. You then need to use the **Get user by email** query.
6. Ensure you are selecting the **beta version** from the dropdown and that you are replacing the **{user-email}** string with the email ID of the user to get user properties.
7. You then need to replace the **get** method with the **patch** method to update user attributes. Ensure you are passing the values in double quotes ("**###**").

Sample of **Request Body**:

```
{
  "onPremisesExtensionAttributes":
  {
    "extensionAttribute1": null,
    "extensionAttribute2": null,
    "extensionAttribute3": null,
    "extensionAttribute4": null,
    "extensionAttribute5": null
  }
}
```

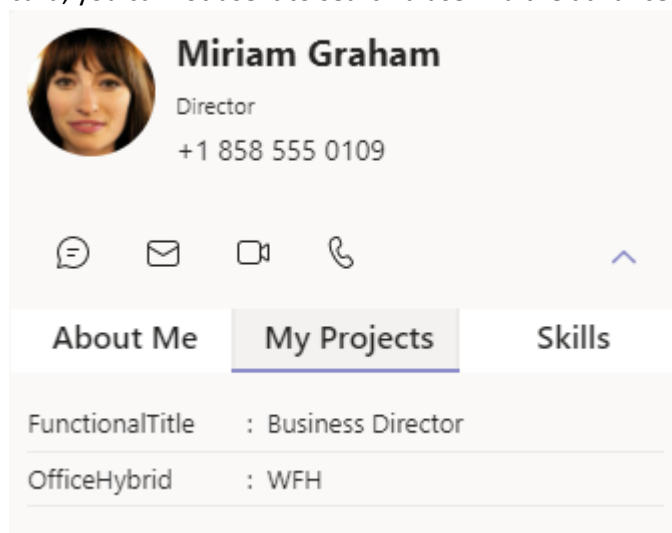
8. Repeat step 5 to confirm successful patch.



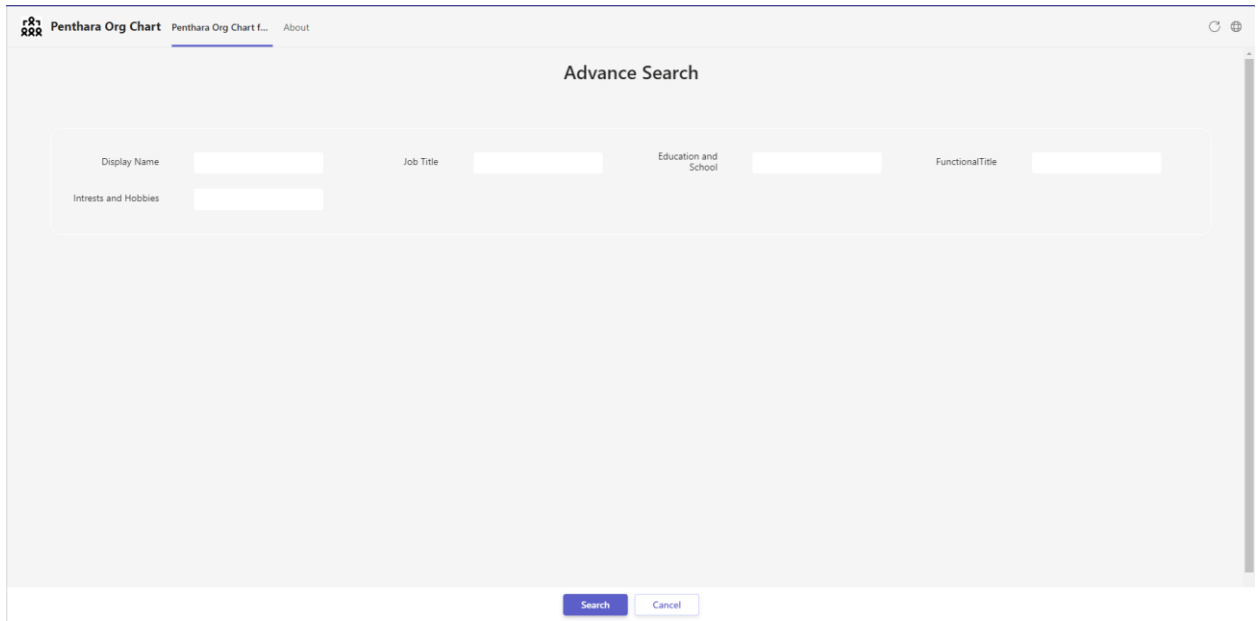
Custom SharePoint Properties in Admin Settings Panel

In the **Admin Settings Panel** of Penthara Org Chart for Microsoft Teams, there are three sections:

- **Pre-Defined Azure Properties:**
 - These are the default user profile properties of a user that exists in the tenant’s directory. We are consuming these properties from Azure Active Directory.
- **Extended Azure Properties:**
 - These attributes exist in the environment by default but do not have any data populated. As you can understand by the name, these are Extended attributes which signify that these attributes can be used to extend user profile attributes over and above the default ones.
- **SharePoint Properties:**
 - The SharePoint Properties section not only lists the default User Profile Properties but also lists the Custom SharePoint User Profile Properties.
 - You will see an input field next to a few SharePoint Properties. This will only show up for Custom User Profile Property attribute and will not be visible for the default properties.
 - Though there is no compulsion on fill the field, however adding a value to it has its own advantages.
 - Considering you have two choices; to provide a value and to not provide a value, we have listed the outcome for both below:
 - Fill in the input field with a value:
 - If you add the name of the **Managed Property** (as-is) to which the custom user profile property is mapped to, you will be able to consume this property in Advanced Search.
 - Leave the input field blank or supply random value:
 - If you decide to leave the input field blank, the field will show data for a user in the people card, but you will not be able to use it to search a user via the advanced search page.
 - If you add a random value to the field, then the field will be visible in the people card as well as advanced search. Though it will show data for a user in the people card, you cannot use it to search a user via the advanced search page.



Here we can see that the property is available in person. Still, OfficeHybrid was not given any value in the “mapped property” input field, so this property will not be available for search in advance search.

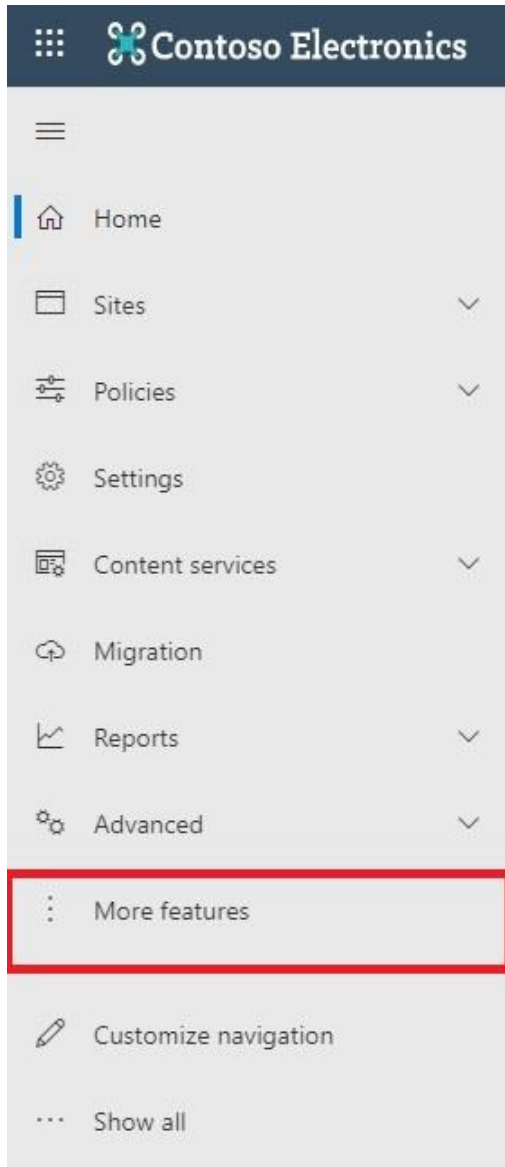


Now we will look into creating a custom SharePoint user profile property and mapping it to a managed property.



Creating Custom SharePoint Properties

1. Go to SharePoint Admin center. Click on the “More Features” option in the left pane.



2. Click on the “User Profiles” option.



More features
Access familiar features from the classic SharePoint admin center.

<p>Term store Create and manage term sets to help users enter data consistently. Learn more</p> <p>Open</p>	<p>User profiles Add and remove admins for a user's OneDrive, disable OneDrive creation for some users, and more. Learn more</p> <p>Open</p>	<p>Search Help users find what they're looking for. Learn more</p> <p>Open</p>	<p>Apps Configure SharePoint Store settings, monitor app usage, manage app licenses, and more. Learn more</p> <p>Open</p>
<p>BCS Manage connections to data sources like Azure SQL databases or WCF web services. Learn more</p> <p>Open</p>	<p>Secure store Create and set the credentials for Target Applications used for BCS connections. Learn more</p> <p>Open</p>	<p>Records management Manage records in a Records Center site that serves as an archive. Learn more</p> <p>Open</p>	<p>InfoPath Enable browser-based InfoPath forms. Learn more</p> <p>Open</p>
<p>Hybrid picker Use this wizard to automate some of the steps in setting up a hybrid environment. Learn more</p> <p>Open</p>	<p>Classic site collections page ⚠ This page was removed on 1/1/21. Learn where to find features from this page.</p> <p>Open</p>		

[Need help?](#) [Feedback](#)

3. Click on “Manage User Properties” under the People menu.

User profiles

People
Manage User Properties | Manage User Profiles | Manage User Sub-types | Manage Audiences | Manage User Permissions | Manage Policies

My Site Settings
Setup My Sites

Profiles	
Number of User Profiles	42
Number of User Properties	118
Number of Organization Profiles	1
Number of Organization Properties	15
Audiences	
Number of Audiences	1
Uncompiled Audiences	0
Audience Compilation Status	Idle
Last Compilation Time	Ended at 6/25/2022 1:00 AM

4. Here, we can see all the user profile properties. To create new SharePoint custom user profile property, click on the “New Property” in the ribbon menu.

User profiles

Use this page to add, edit, organize, delete or map user profile properties. Profile properties can be mapped to Active Directory or LDAP compliant directory services. Profile properties can also be mapped to Application Entity Fields exposed by Business Data Connectivity.

[New Property](#) | [New Section](#) | [Manage Sub-types](#) | Select a sub-type to filter the list of properties: **Default User Profile Subtype** | [Go to page 1 of 1](#)

Property Name	Change Order	Property Type	Mapped Attribute	Multivalue	Alias
Basic Information					
Id	↓	unique identifier			
SID	↓	binary			
Active Directory Id	↓	binary			
Account name	↓	Person	<Specific to connection>		✓
First name	↓	string (Single Value)			
Phonetic First Name	↓	string (Single Value)			
Last name	↓	string (Single Value)			
Phonetic Last Name	↓	string (Single Value)			
Name	↓	string (Single Value)			✓
Phonetic Display Name	↓	string (Single Value)			
Work phone	↓	string (Single Value)			
Department	↓	string (Single Value)			
Title	↓	string (Single Value)			
Department	↓	string (Single Value)			
Manager	↓	Person			
About me	↓	HTML			
Personal site	↓	URL			
Picture	↓	URL			
User name	↓	string (Single Value)			✓
Quick links	↓	string (Single Value)			
Web site	↓	URL			
Public site redirect	↓	URL			
Job Title	↓	string (Single Value)			
Data source	↓	string (Single Value)			
MemberOf	↓	string (Multi Value)		✓	
Dotted-line Manager	↓	Person			

5. Now, fill in the new SharePoint custom property details. Few things to keep in mind
a. Name property is the value we will see in the Org Chart, not the “Display Name.”



User profiles

Use this page to add a property for user profiles.

* Indicates a required field

Property Settings

Specify property settings for this property. The name will be used programmatically for the property by the user profile service, while the display name is the label used when the property is shown. After the property is created the only property setting you can change is the display name.

Name:

Display Name: *

Type: string (Single Value) ▼

Length: 25

Configure a Term Set to be used for this property

Sub-type of Profile

Please select the sub-type of user profiles with which you want to associate this profile property.

Default User Profile Subtype

User Description

Specify a description for this property that will provide instructions or information to users. This description appears on the Edit Details page.

Description:

Policy Settings

Specify the privacy policy you want applied to this property. Select the Replicate check box if you want the property to display in the user info list for all sites. To replicate properties, the default privacy must be set to Everyone and the User can override check box must not be selected.

Policy Setting: Required ▼

Default Privacy Setting: Only Me ▼

User can override

Replicable

Edit Settings

Allow users to edit values for this property

- b. Right now, Penthara Organization Chart only supports the following data types.

Type:

- string (Single Value) ▼
- big integer**
- binary
- boolean
- date
- date no year
- date time
- E-mail
- float
- HTML
- integer**
- Person
- string (Multi Value)
- string (Single Value)**
- time zone
- unique identifier
- URL

- c. Penthara Organization Chart can show all these property values in the Person Card in Org Chart. **But the properties marked with “Green Square” are the ones that can be used for advanced search right now.**
- d. While filling the form for SharePoint custom User Profile Properties, we will come to a section named “Policy Settings” here, we see two options: -
- i. Policy Setting: -
 1. This property is responsible for validating the field, whether required or optional.
 - ii. Default Policy Setting:
 1. This property is responsible for the visibility of this property to other users. To use this SharePoint User Profile Property in Penthara Organization Chart for



Microsoft Teams, **this option should be set to “Everyone.”** When this property is set to “Everyone,” other users can also see this property of a specific user.

Policy Settings

Specify the privacy policy you want applied to this property. Select the Replicate check box if you want the property to display in the user info list for all sites. To replicate properties, the default privacy must be set to Everyone and the User can override check box must not be selected.

Policy Setting:

Required ▾

Default Privacy Setting:

Everyone ▾

User can override

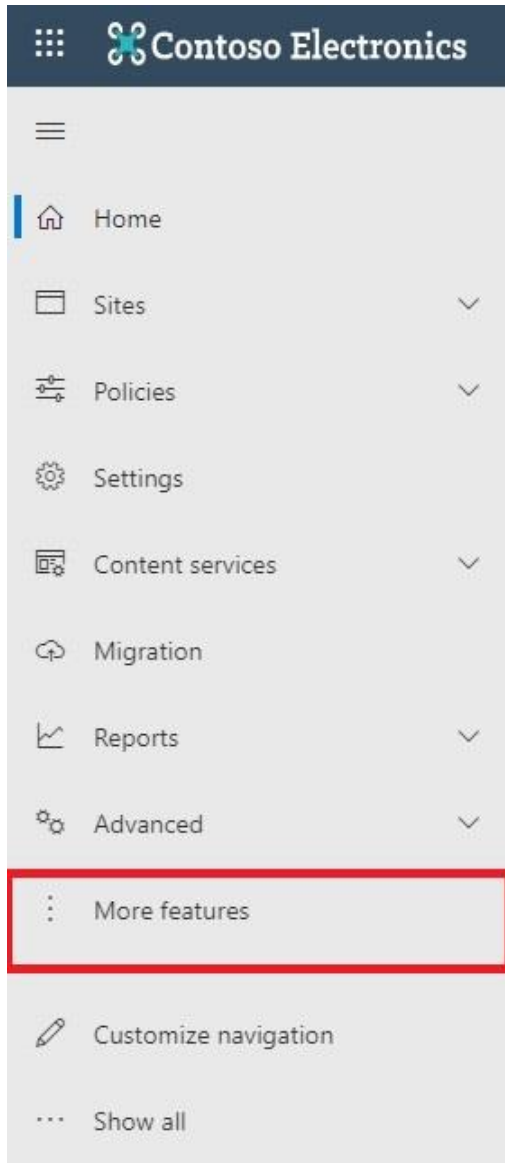
Replicable

6. After filling in all the details, click on the “OK” button in the bottom right corner. This property will be saved.
7. We have created a SharePoint custom user profile property.
Note: - Penthara Organization Chart cannot do the search query on parameters containing special characters in it.
8. Before going to the next step, ensure that at least one user has value for this SharePoint custom user profile property. This is required for these properties to get crawled and be available for mapping in the next step.



Mapping Custom SharePoint Properties to Managed Properties

1. Go to SharePoint Admin Center once again. Click on the “More Features” option in the left pane.



2. Click on the “Search” option.



More features

Access familiar features from the classic SharePoint admin center.

Term store Create and manage term sets to help users enter data consistently. Learn more	User profiles Add and remove admins for a user's OneDrive, disable OneDrive creation for some users, and more. Learn more	Search Help users find what they're looking for. Learn more	Apps Configure SharePoint Store settings, monitor app usage, manage app licenses, and more. Learn more
Open	Open	Open	Open
BCS Manage connections to data sources like Azure SQL databases or WCF web services. Learn more	Secure store Create and set the credentials for Target Applications used for BCS connections. Learn more	Records management Manage records in a Records Center site that serves as an archive. Learn more	InfoPath Enable browser-based InfoPath forms. Learn more
Open	Open	Open	Open
Hybrid picker Use this wizard to automate some of the steps in setting up a hybrid environment. Learn more	Classic site collections page This page was removed on 1/1/21. Learn where to find features from this page.		
Open	Open		

[Need help?](#) [Feedback](#)

3. Click on "Manage Search Schema."

Search

- Manage Search Schema**
Create and modify search properties so that users can query these properties.
- Manage Search Dictionaries**
Create and modify lists of terms which will be used to improve the search experience for your users.
- Query Suggestion Settings**
Show search suggestions as users type in the search box (if not disabled by user).
- Manage Result Sources**
Create and modify sources you can query for results. This includes filtered results from SharePoint as well as results from remote sources such as Bing.
- Manage Query Rules**
Create and modify query rules to promote important results, show blocks of additional results, and even fine-tune ranking.
- Remove Search Results**
List URLs you would like to remove from search results until the next crawl.
- View Usage Reports**
See how often your users search, what their top queries are, and which queries they're having trouble getting answers for.
- Search Center Settings**
Tell us where searches should go by specifying the location of your Search Center.
- Export Search Configuration**
Create a file that includes all customized query rules, result sources, result types, ranking models and site search settings but not any that shipped with SharePoint, in the current tenant, that can be imported to other tenants.
- Import Search Configuration**
Import a search configuration file.
- Crawl Log Permissions**
Grant users read access to crawl log information for this tenant.

4. Click on "New Managed Property."



Search

Managed Properties | Crawled Properties | Categories

Use this page to view, create, or modify managed properties and map crawled properties to managed properties. Search automatically extracts crawled properties from crawled content. You add the content of a crawled property to the search index by mapping the crawled property to a managed property. You can use the results. Search automatically creates managed properties for site columns that contain values. Automatically created managed properties are displayed in grey text on this page. Changes to a managed property will take effect after the next full crawl. Note that the settings that you can adjust depend on your current auth.

Filter
Managed property

New Managed Property

PROPERTY NAME	TYPE	MULTI	QUERY	SEARCH	RETRIEVE	REFINE	SORT	SAFE	MAPPED CRAWLED PROPERTIES	ALIASES
AADObjectID	Text	-	Query	-	Retrieve	-	Sort	Safe	PeoplemsOnline-Objectid	
AboutMe	Text	-	Query	-	Retrieve	-	-	Safe	PeopleAboutMe_ows_Notes	
Account	Text	-	Query	-	Retrieve	-	-	Safe	ows_Name	
AccountName	Text	-	Query	Search	Retrieve	-	-	Safe	PeopleAccountName	
AnalyticsPath	Text	-	Query	-	Retrieve	-	-	Safe		
AnchorText	Text	-	-	Search	-	-	-	Safe	Basic28	
AppProductIDOWSGUID	Text	-	-	-	-	-	-	-		
AppVersion	Text	-	-	-	Retrieve	-	-	Safe	ows_AppVersion	
AssignedTo	Text	-	-	-	Retrieve	-	-	Safe	ows_AssignedTo_ows_Assigned_0020_To	
AttachmentDescription	Text	-	-	-	Retrieve	-	-	Safe	ows_MediaLinkDescription	
AttachmentType	Integer	-	Query	-	Retrieve	Refine	-	Safe	ows_MediaLinkType	
AttachmentURL	Text	-	-	-	Retrieve	-	-	Safe	ows_MediaLinkURL	
Audiences	Text	Multi	Query	-	Retrieve	Refine	-	Safe	ows_ModernAudienceAadObjectids	Document_Audiences.ModernAudienceAadObjectids
Author	Text	Multi	Query	Search	Retrieve	-	Sort	-	Author, MailFrom, MailS	DocAuthor, urn:schemas-microsoft-com:office:office#Author
AuthorOWSUSER	Text	-	Query	-	Retrieve	-	-	-	ows_q_USER_AuthorByline_ows_q_USER_Author	
AutoTagClassificationId	Text	-	Query	-	Retrieve	Refine	-	-		
AverageRating	Decimal	-	-	-	Retrieve	-	-	Safe	ows_AverageRating	
BannerImageUriOWSMTEXT	Text	-	-	-	-	-	-	-		

5. Fill in the details about the new Managed Property. Key steps to follow:
 - a. Check the “Searchable,” “Queryable,” and “Retrievable” checkboxes.
 - b. Click on Advanced Searchable Settings. Now change the value of “Full-text index” from “default” to “PeopleIdx.” Scroll down and click on “Save.”

✕

choose advanced searchable settings

Use this page to view and change the advanced settings of the New Property(Text) managed property.

Full-text index

Defines which full-text index a managed property is stored in.

Weight group

6. Scroll down and click “Save” in the bottom right corner.



- We created a new managed property. This property name will go in the input field adjacent to the SharePoint custom property in the Admin Settings Panel in Penthara Organization Chart.
- Now, we will go to the crawled properties section. Click on the crawled properties option. Crawled properties are the SharePoint custom properties that are shuffled and can be searched, but for them to be searched, they need to be mapped to a managed property.

Search

Managed Properties | **Crawled Properties** | Categories

Use this page to view, create, or modify managed properties and map crawled properties to managed properties. Search automatically extracts crawled properties from crawled content. You add the content of a crawled property to the search index by mapping the crawled property to a managed property. You can use the restrict search results. Search automatically creates managed properties for site columns that contain values. Automatically created managed properties are displayed in grey text on this page. Changes to a managed property will take effect after the next full crawl. Note that the settings that you can adjust depend on you

Filter
Managed property

New Managed Property

PROPERTY NAME	TYPE	MULTI	QUERY	SEARCH	RETRIEVE	REFINE	SAFE	MAPPED CRAWLED PROPERTIES	ALIASES
AADObjectID	Text	-	Query	-	Retrieve	-	Sort	Safe	People:msOnline-Objectid
AboutMe	Text	-	Query	-	Retrieve	-	Safe	People>AboutMe, ows_Notes	
Account	Text	-	Query	-	Retrieve	-	Safe	ows_Name	
AccountName	Text	-	Query	Search	Retrieve	-	Safe	People:AccountName	
AgencyOWSTEXT	Text	-	-	-	-	-	-	-	-
AnalyticsPath	Text	-	Query	-	Retrieve	-	Safe	-	-
AnchorText	Text	-	-	Search	-	-	Safe	Basic28	
AppProductIDOWSGUID	Text	-	-	-	-	-	-	-	-
AppVersion	Text	-	-	-	Retrieve	-	Safe	ows_AppVersion	
AssignedTo	Text	-	Query	-	Retrieve	-	Safe	ows_AssignedTo, owt_Assigned_x0020_To	
AttachmentDescription	Text	-	-	-	Retrieve	-	Safe	ows_MediaLinkDescription	
AttachmentType	Integer	-	Query	-	Retrieve	Refine	Safe	ows_MediaLinkType	
AttachmentURI	Text	-	-	-	Retrieve	-	Safe	ows_MediaLinkURI	
Audiences	Text	Multi	Query	-	Retrieve	Refine	Safe	ows_ModernAudienceAadObjectids	Document_Audiences, ModernAudienceAadObjectids
Author	Text	Multi	Query	Search	Retrieve	-	Sort	Author, MailFrom, Mail6	DocAuthor, urn:schemas-microsoft-com:office:office#Author
AuthorOWSUSER	Text	-	Query	-	Retrieve	-	-	ows_q_USER_AuthorByline, ows_q_USER_Author	
AutoTagClassificationId	Text	-	Query	-	Retrieve	Refine	-	-	

- It takes about 24 hours to get the SharePoint Custom User Profile Properties to get crawled from their creation time provided, that the SharePoint Custom User Profile Property is being populated for at least one user.
- Search the property that you created in SharePoint Custom properties. The property name will be prefixed with "People." This is a category of property. In our case, it is the "People" category.

Search

Managed Properties | **Crawled Properties** | Categories

Use this page to view or modify crawled properties, or to view crawled properties in a particular category. Changes to properties will take effect after the next full crawl. Note that the settings that you can adjust depend on your current authorization level.

Filters
Crawled property:

Category:

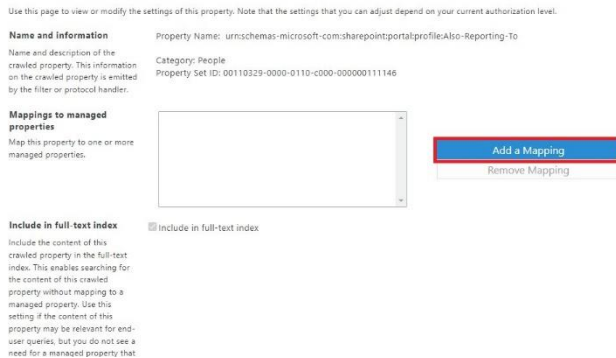
Show unaltered property names

PROPERTY NAME	HAPPED TO PROPERTY
SharePoint:2147418090	
DAV:contentclass	contentclass
DAV:collection	
SharePoint:PluggableSecurityTrimmerid	
SharePoint:isdocument	IsDocument
Content-Class	contentclass
PeopleHomeBestBetKeywords	
People>AboutMe	Description, AboutMe, ContentsHidden
People:AccountName	AccountName, RankingWeightName
People:Also-Reporting-To	
People:CellPhone	MobilePhone, ContentsHidden
People:Colleagues	Colleagues
People:ColleaguesNonPublic	PrivateColleagues
People:CombinedName	RankingWeightName, CombinedName
People:Department	Department, RankingWeightHigh
People:Fax	ContentsHidden
People:FirstName	FirstName, Pronunciations, ProfileName
People:FunctionalTitle	

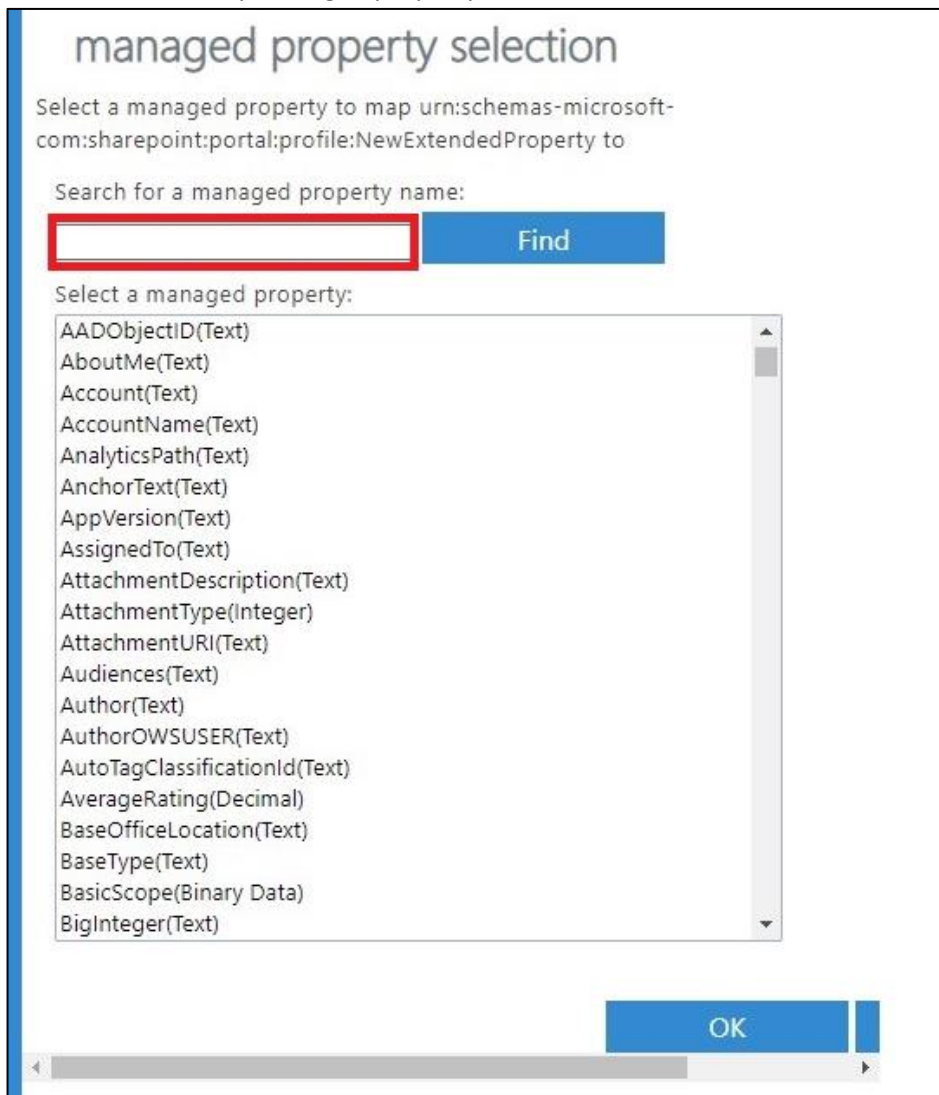
- Click on the SharePoint Custom property we created to map it to the new managed property.



12. Click on “Add a Mapping.”



13. Search for the newly managed property we created, click on it, and click on “OK.”



14. Scroll down and click on “OK.”

15. This crawled property will take 24 hours to get mapped to the managed property.

16. It will take another 24 hours for the users to appear in the search results. This time is not fixed. It depends on how large the user database is.



17. Once the crawled property is mapped to the managed property, you will be able to see results in the advanced search in Penthara Organization Chart for Microsoft Teams.

Mobile Application Functionalities

Penthara Org Chart for Teams and SharePoint both will have the following functionalities:

- **Org Chart screen:** Org Chart will be presented in the Mobile application of the app.
- **Search:** The search functionality will be presented in the mobile application where user can search based on Name or Designation of any user.
- **People's Card:** The expandable and collapsible People's card will be presented as it is, so that the user can see different properties about any user.

Note: The Admin Settings and Advanced Search will only be presented in the Desktop App version.

Conclusion

We have created a SharePoint custom User Profile property and mapped it to a Managed Property so we can search for a user based on that SharePoint custom user profile property. We mapped this property to managed property because we cannot directly search a user based on SharePoint user profile property. Keep in mind that it takes 24 hours(approx.) for the properties to get crawled, and then it will take another 24 hours to get those properties mapped to the managed property and be available for searching a user based on that.