

Using SharePoint for Assignments

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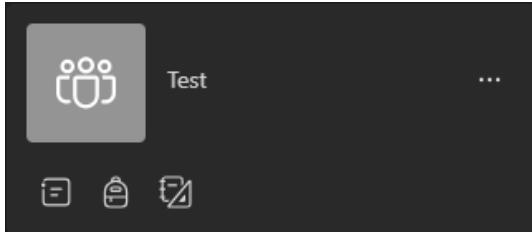
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Setup

Teams

Create a new class team. This one is called **Test**.

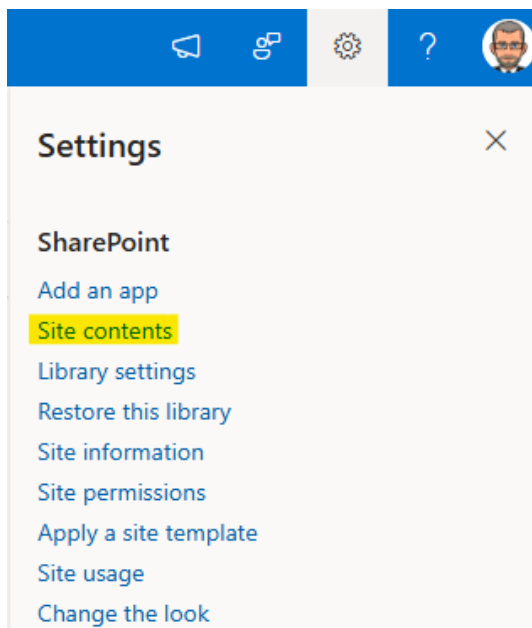


SharePoint

In the SharePoint site of the class team, create a list and a document library.

SharePoint can be accessed via the **General** channel and the **Files** tab of the class team. It can take a few minutes after the team is created for the site to be accessible.

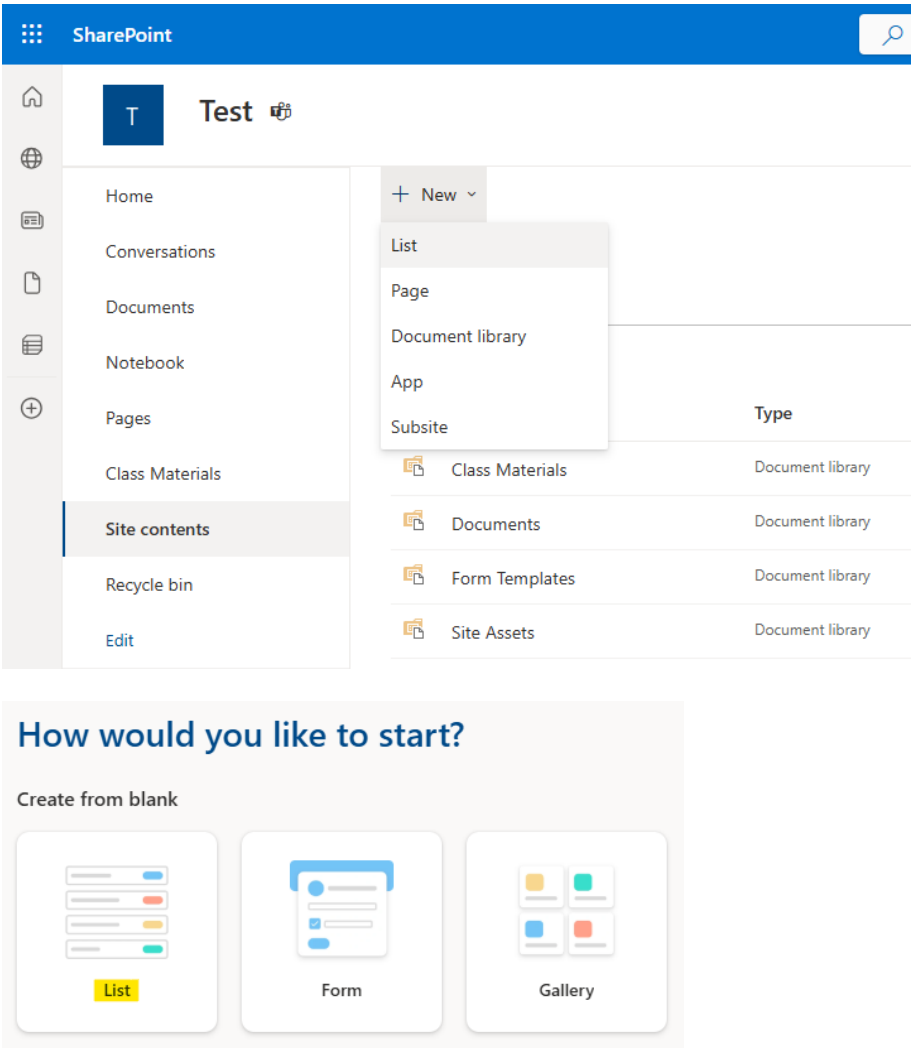
Access the **Site contents**.



List

Create

Create a new list.



The list is called **Data**. It is used to hold the details of the pupils.

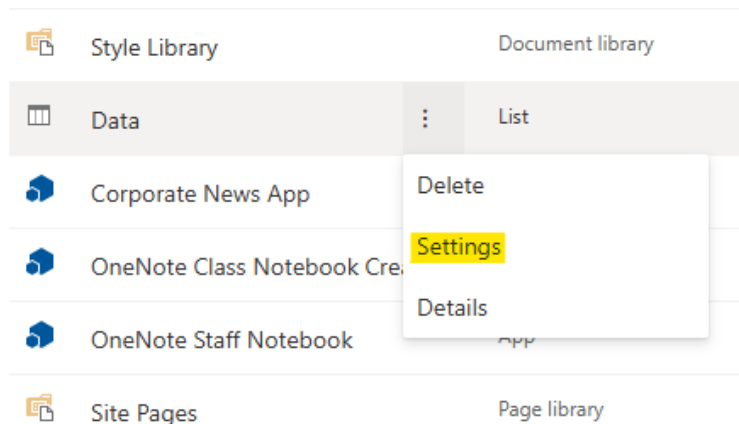
Data

☒ Show list in site navigation

Modify

Permissions

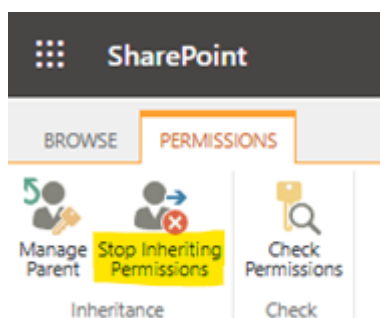
Access the site contents to edit the settings of the list.



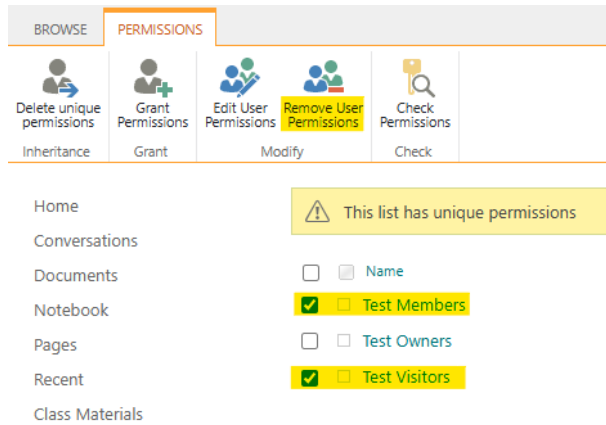
Permissions and Management

- [Delete this list](#)
- [Permissions for this list](#)
- [Workflow Settings](#)
- [Apply label to items in this list or library](#)
- [Enterprise Metadata and Keywords Settings](#)

Stop inheriting permissions.

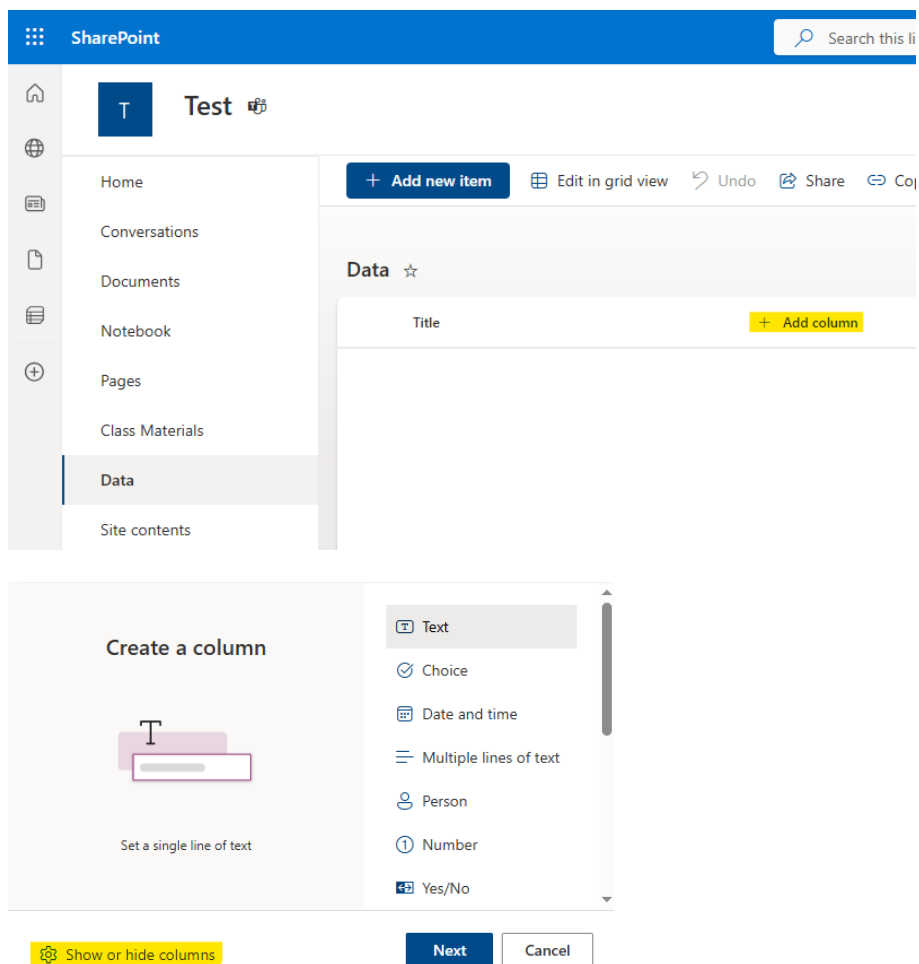


Remove non-owners.



Columns

Show the ID column.




Edit view columns ✕

Select the columns to display in the list view. To change ordering, use drag-and-drop or the "up" and "down" buttons next to each column.

- ☒ Title
- ☐ Compliance Asset Id
- ☒ ID ^ v
- ☐ Modified
- ☐ Created
- ☐ Created By

Add a *Person* column.

Create a column



Use names of people or groups from your organization

- ☐ Text
- ☐ Choice
- ☐ Date and time
- ☐ Multiple lines of text
- ☒ Person
- ☐ Number
- ☐ Yes/No

Show or hide columns Next Cancel

This one is called **Pupil**.

Create a column ✕

[Learn more about column creation.](#)

Name *

Description

Type

☐ Allow selection of Groups

Show profile photos

☐ No

More options ^

Allow multiple selections

☐ No

Require that this column contains information

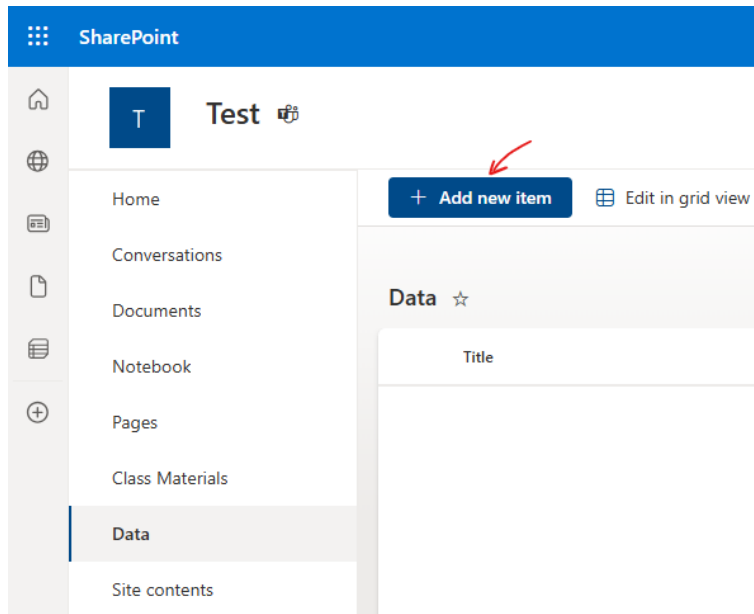
☒ Yes

Enforce unique values

☒ Yes

Add Pupils

Add the required pupils.



Glow email addresses can be used.

New item

Title

Enter value here

Pupil *

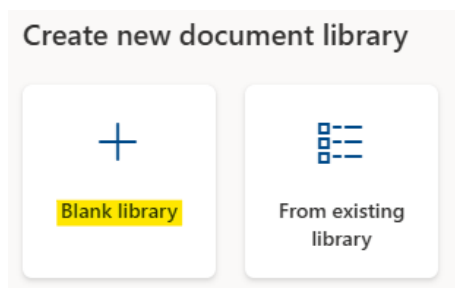
????@glow.sch.uk

Search Directory

Document Library

Create

Create a document library using the same steps for creating a list.



Name *

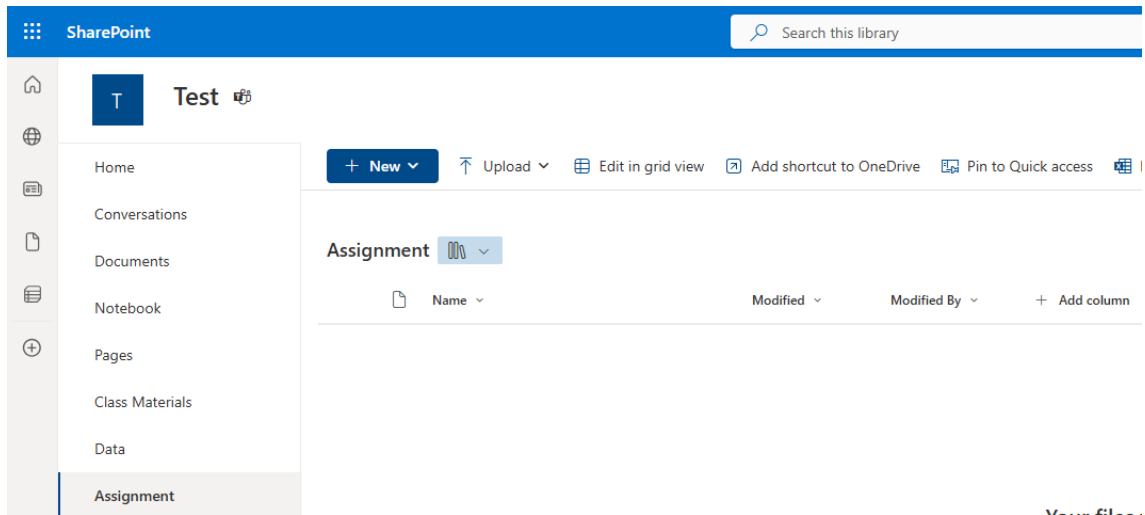
Assignment

Description

Writing a description can help others know more about your library.

☒ Show in site navigation

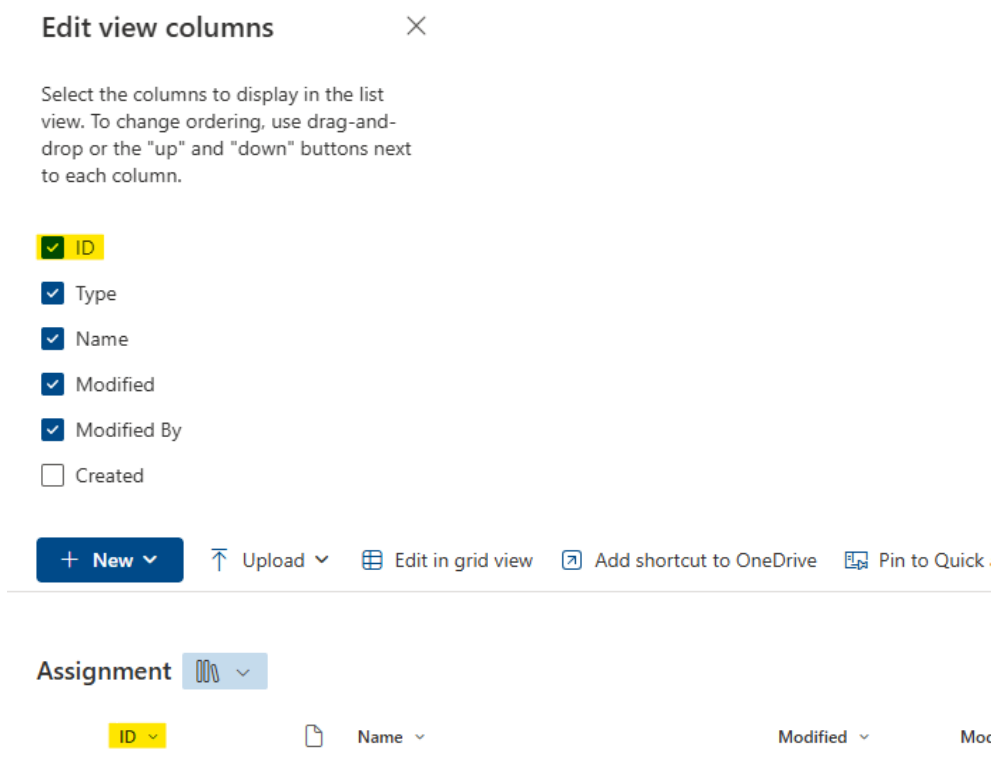
The document library is called **Assignment**. It is used to hold the pupils' files.



Modify

Columns

Show the **ID** column.

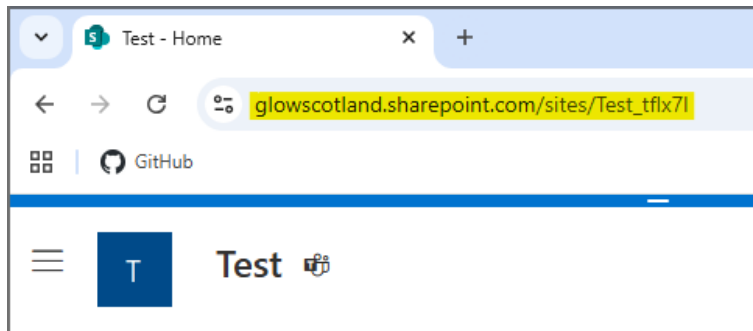


Permissions

Modify the permissions and remove non-owners using the same steps for the list.

Power Automate – Create & Share

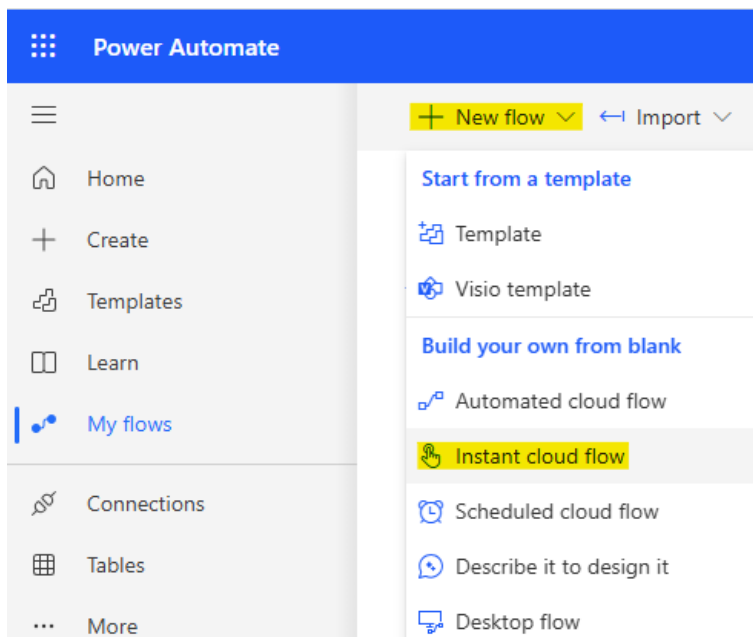
Power Automate will require the site address of the SharePoint site:



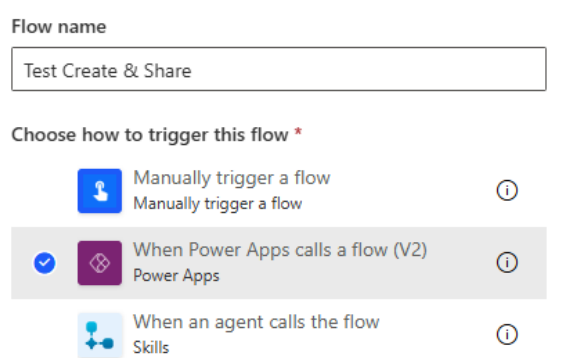
The address will be shown in various drop-down lists.

Create Flow

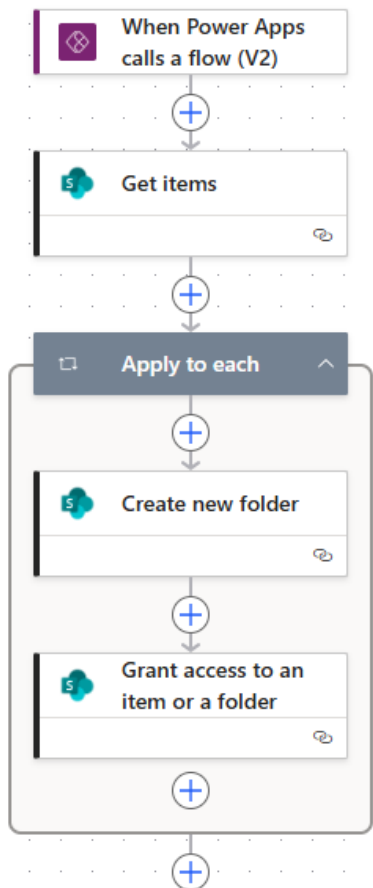
Create a flow.



This one is called **Test Create & Share**.



Main Code



When Power Apps calls a flow (V2)

When Power Apps calls a flow (V2) ⋮ ⏪

Parameters

Settings

Code view

About

+

 Add an input

Get Items

Get items ⋮ ⏪

Parameters

Settings

Code view

Testing

About

Site Address *

Test - https://glowscotland.sharepoint.com/sites/Test_tflx7l

List Name *

Data


Advanced parameters

Showing 0 of 6

Show all


Clear all

Apply to each


 Apply to each ⋮ ⏪

[Parameters](#) [Settings](#) [Code view](#) [About](#)

Select an output from previous steps *

 body/value ×

Create new folder

 Create new folder ⋮ ⏪

[Parameters](#) [Settings](#) [Code view](#) [Testing](#) [About](#)


Site Address *

Test - https://glowscotland.sharepoint.com/sites/Test_tflx7l ⌵

List or Library *

Assignment ⌵


Folder Path *

 Pupil DisplayNa... ×

Advanced parameters

Showing 0 of 1 ⌵ Show all Clear all

Grant access to an item or a folder

 Grant access to an item or a folder ⋮ ⏪

[Parameters](#) [Settings](#) [Code view](#) [Testing](#) [About](#)


Site Address *

Test - https://glowscotland.sharepoint.com/sites/Test_tflx7l ⌵


List or Library Name *

Assignment ⌵

Id *

 ID ×

Recipients *

 Pupil Email × ⚙️ ⌵

Roles *

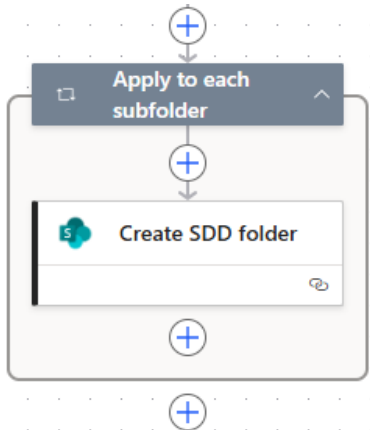
Can edit ⌵

Advanced parameters

Showing 0 of 2 ⌵ Show all Clear all

Optional Code

This code can be used to create subfolder.



Apply to each sub folder

Use the **Apply to each** block.

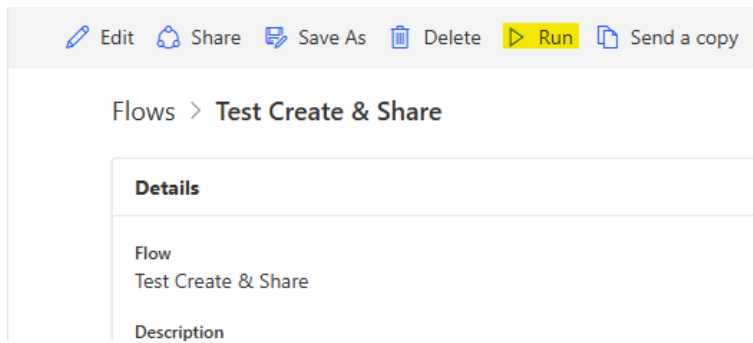
Create SDD folder

Create as many as appropriate. Use the **Create new folder** block.

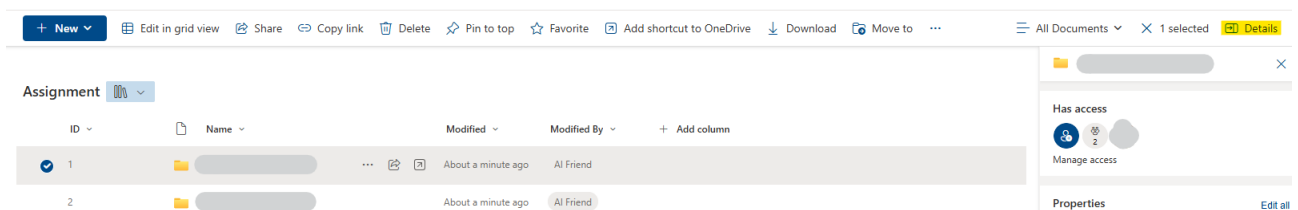
The screenshot shows the configuration interface for the 'Create SDD folder' block. The interface has a header with the block name and a menu icon. Below the header are tabs for 'Parameters', 'Settings', 'Code view', 'Testing', and 'About'. The 'Parameters' tab is selected. The parameters section includes three dropdown menus: 'Site Address' with the value 'Test - https://glowscotland.sharepoint.com/sites/Test_tfix71', 'List or Library' with the value 'Assignment', and 'Folder Path' with the value 'Pupil DisplayNa... /SDD'. At the bottom, there is an 'Advanced parameters' section showing 'Showing 0 of 1' and buttons for 'Show all' and 'Clear all'.

Run the Flow

Save the flow. Ignore the *Get Items* warning. Run the flow

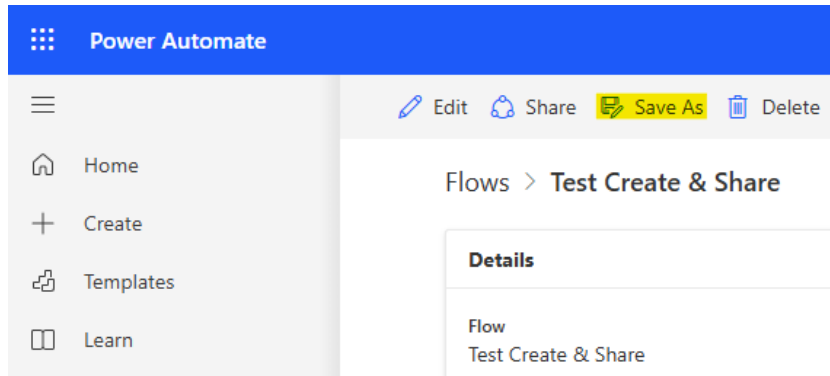


Check the result.



Power Automate – Remove access – All Pupils

Duplicate Flow



This one is called **Test Unshare**.

×

Create a copy of this flow

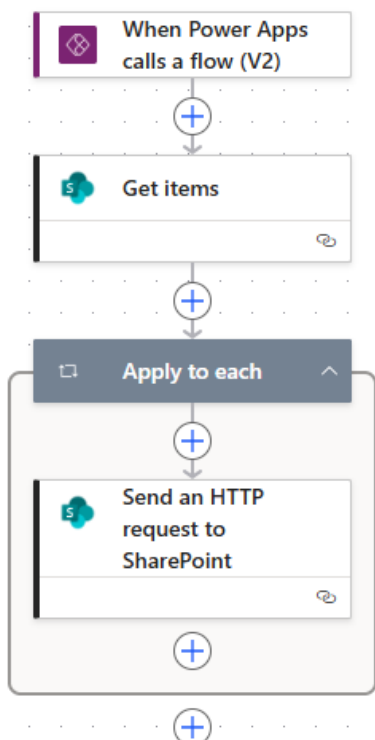
We'll create a copy of this flow and add it to your My flows page. You can rename it first if you want. It'll be turned off by default.

Flow name

SaveCancel

Edit Flow

Delete any unnecessary blocks. Change the *Apply to each* block:



Send an HTTP request to SharePoint

Send an HTTP request to SharePoint

⋮ ⏪

Parameters

Settings

Code view

Testing

About

Site Address *

Test - https://glowscotland.sharepoint.com/sites/Test_tflx7l

Method *

POST

Uri *

_api/web/lists/getByTitle('Assignment')/items(@{items('Apply_to_each')?['ID']})/ResetRoleInheritance()

Advanced parameters

Showing 0 of 2

Show all

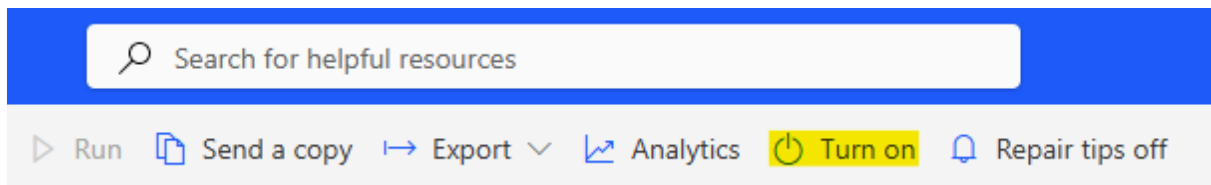
Clear all

Uri:

```
_api/web/lists/getByTitle('Assignment')/items(@{items('Apply_to_each')?['ID']})/ResetRoleInheritance()
```

Turn on and Run

Turn on the flow.



Run the flow.

Check the result.

New

Edit in grid view

Share

Copy link

Delete

Pin to top

Favorite

Add shortcut to OneDrive

Download

Move to

⋮

All Documents 1 selected Details

ID	Name	Modified	Modified By	
1		12 minutes ago	AI Friend	
2		11 minutes ago	AI Friend	

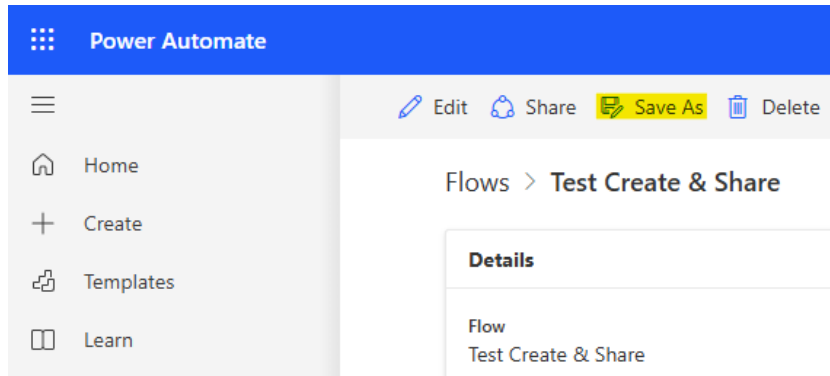
Has access

This item is not shared

Manage access

Power Automate – Grant access – All Pupils

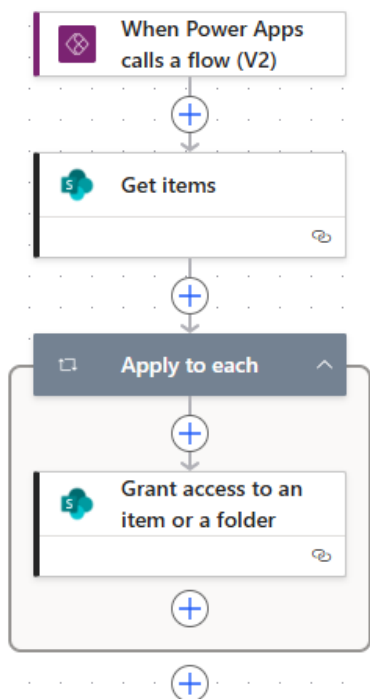
Duplicate Flow



This one is called **Test Share**.

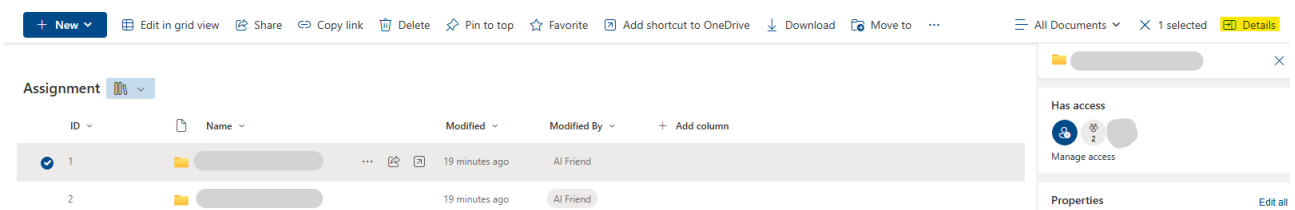
Edit Flow

Delete any unnecessary blocks. Change the *Apply to each* block:



Turn on and Run

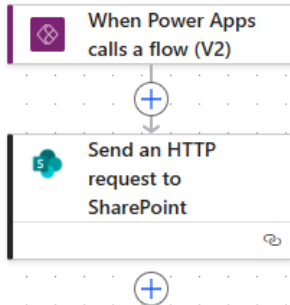
Turn on and run the flow. Check the result.



Power Automate – Remove access – Individual Pupil

This one is called **Test Individual Unshare**.

Main Code



When Power Apps calls a flow (V2)

Add an input of type *Number*.

The screenshot shows the configuration page for the 'When Power Apps calls a flow (V2)' trigger. The 'Parameters' tab is selected. A single input is defined: 'idNumber' with a type of 'Number' and a placeholder text 'Please enter an ID number'. There is an 'Add an input' button at the bottom.

Send an HTTP request to SharePoint

The screenshot shows the configuration page for the 'Send an HTTP request to SharePoint' action. The 'Parameters' tab is selected. The configuration includes:

- Site Address ***: A dropdown menu showing 'Test - https://glowscotland.sharepoint.com/sites/Test_tflx7l'.
- Method ***: A dropdown menu showing 'POST'.
- Uri ***: A text field containing the URL: `_api/web/lists/getByTitle('Assignment')/items({idNumber})/ResetRoleInheritance()`. The 'idNumber' is linked to the input from the previous step.

At the bottom, there is an 'Advanced parameters' section showing 'Showing 0 of 2' with 'Show all' and 'Clear all' buttons.

Uri:

```
_api/web/lists/getByTitle('Assignment')/items(@{triggerBody()?['number']})/ResetRoleInheritance()
```

Run the Flow

Run flow



Test Individual Unshare

Owner: AI Friend

Unshare assignment folders with an individual pupil.

idNumber *

This flow uses SharePoint.

[Review connections and actions](#)

Run flow

Cancel

Check the result.

+ New

Edit in grid view

Share

Copy link

Delete

Pin to top

Favorite

Add shortcut to OneDrive

Download

Move to

...

All Documents 1 selected Details

Assignment

ID	Name	Modified	Modified By	
1		12 minutes ago	AI Friend	
2		11 minutes ago	AI Friend	

Has access

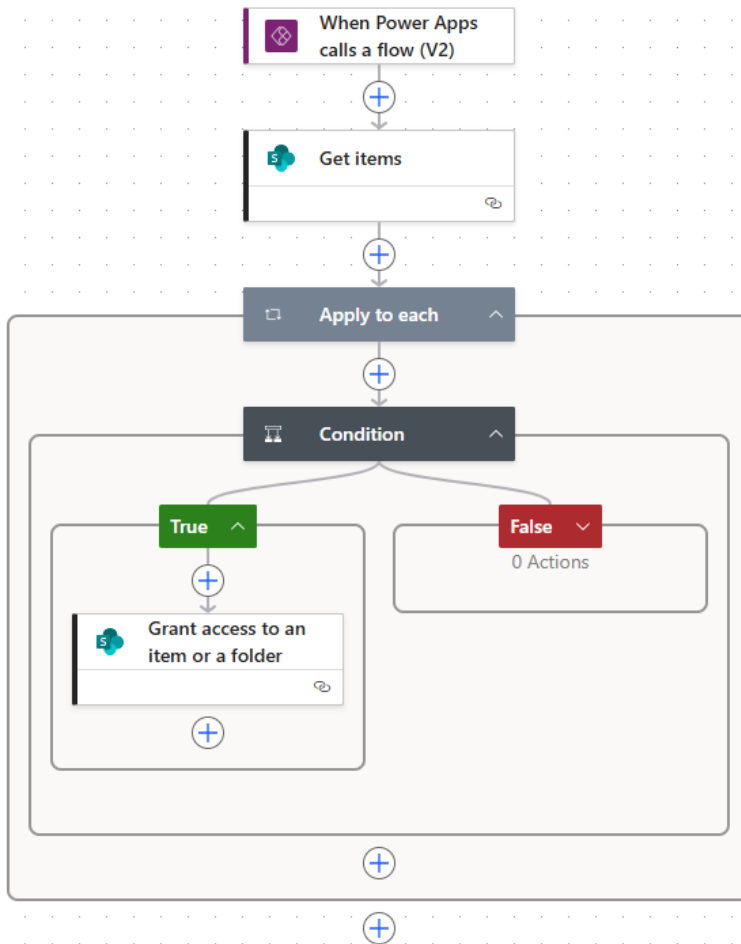
This item is not shared

Manage access

Power Automate – Grant access – Individual Pupil

This one is called **Test Individual Share**.

Main Code




When Power Apps calls a flow (V2)

Add an input of type *Number*.

The screenshot shows the configuration for the 'When Power Apps calls a flow (V2)' trigger. At the top, there is a title bar with the trigger icon and name, and a close button. Below this is a tabbed interface with 'Parameters', 'Settings', 'Code view', and 'About'. The 'Parameters' tab is active, showing a list of inputs. The first input is 'idNumber' with a 'Number' type icon. To its right is a text box with the placeholder 'Please enter an ID number'. Below the list is a button labeled '+ Add an input'.

Condition

 Condition ⋮ ⏪

Parameters Settings Code view About

Condition expression *

Provide the values to compare and select the operator to use.

AND ▾

☐

ID ×

is equal to ▾

idNumber ×

⋮

+ New item ▾

Run the Flow

Run flow



Test Individual Share

Owner: AI Friend

Share assignment folders with an individual pupil.

idNumber *

This flow uses SharePoint.

[Review connections and actions](#)

Run flow

Cancel

Check the result.

+ New ▾

Edit in grid view

Share

Copy link

Delete

Pin to top

Favorite







Add shortcut to OneDrive

Download



Move to

⋮

All Documents ▾ 1 selected Details

Assignment 					
ID ▾	Name ▾		Modified ▾	Modified By ▾	+ Add column
1		  	19 minutes ago	AI Friend	
2			19 minutes ago	AI Friend	

Has access

  1

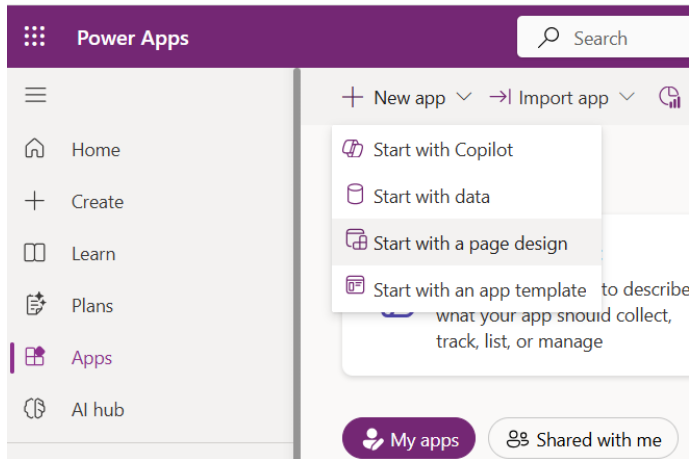
Manage access

Properties Edit all

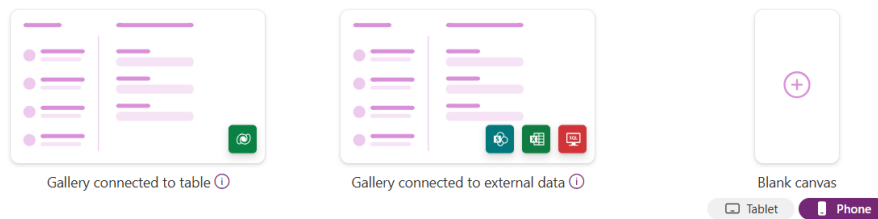
Power Apps

Create App

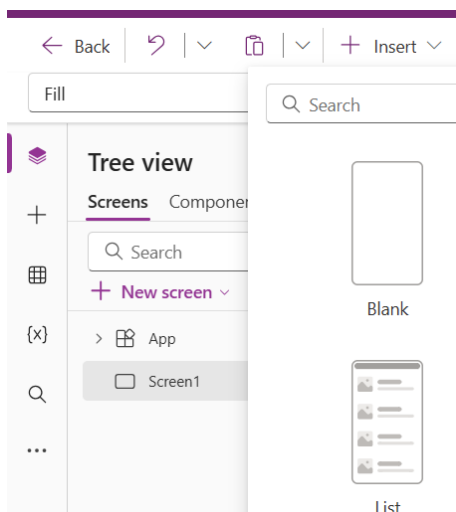
Create a new app.



Select a page design to start your app

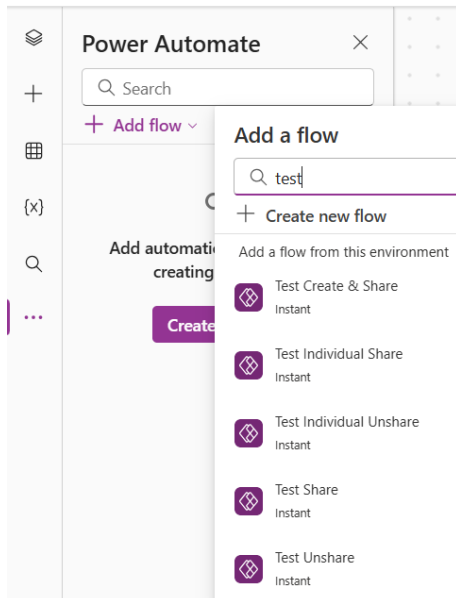
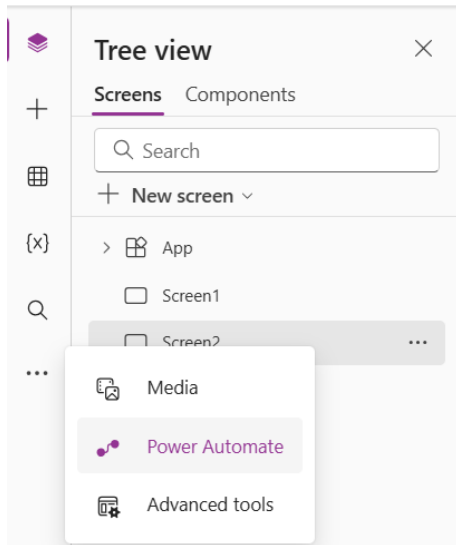


Add additional screens, as required.

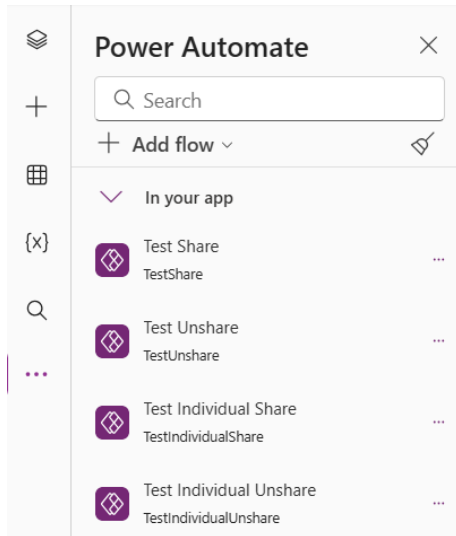


Add Flows

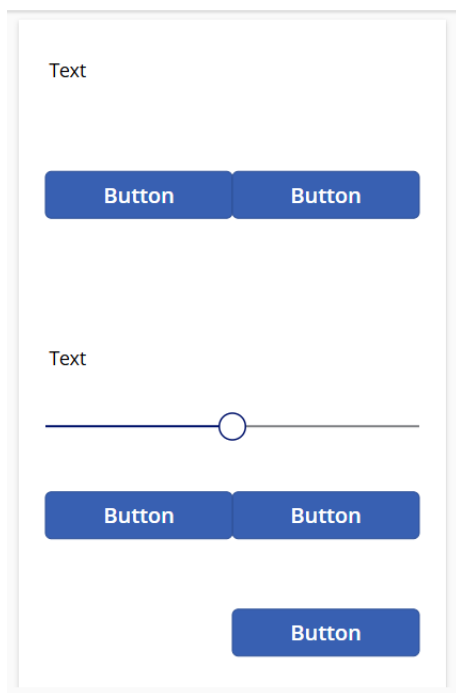
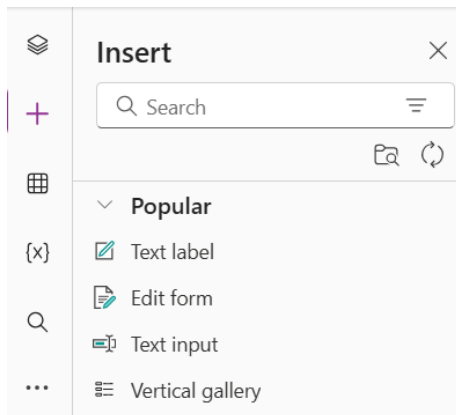
Add Power Automate flows. Repeat as required.



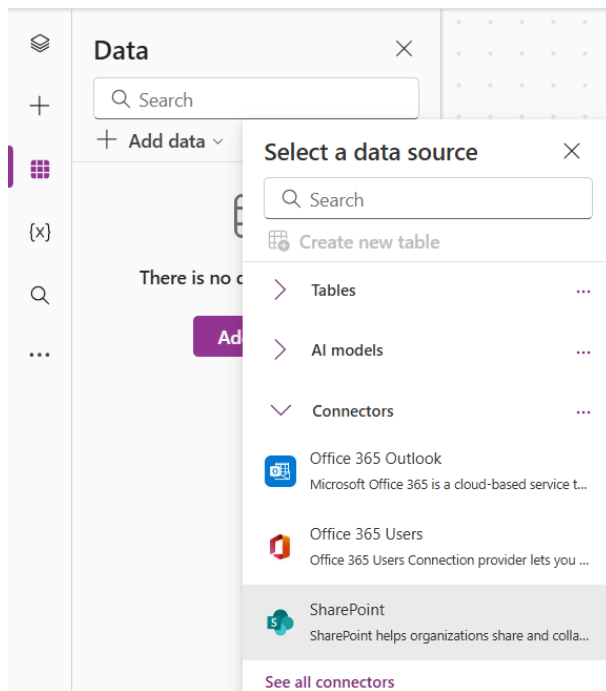
Name(s) without spaces will be used when coding.



Insert the required items.



Add Data



Connect to a SharePoint site

Enter the SharePoint URL for the location of your list.

[Learn more](#)

Connect

Recent sites

Test - <https://glowscotland.sharepoint.com/si...>

Choose a list

☐ Assignment

☐ Class Materials

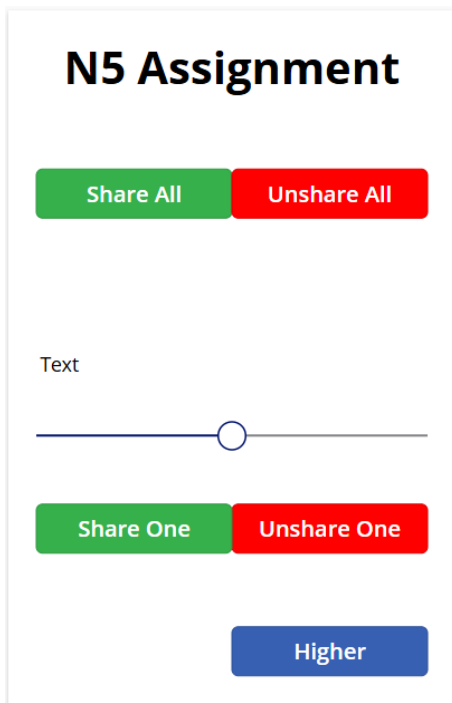
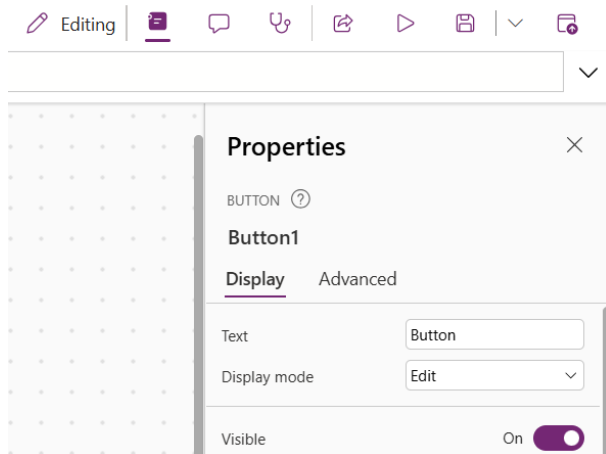
☒ Data

☐ Documents

☐ Enter custom table name

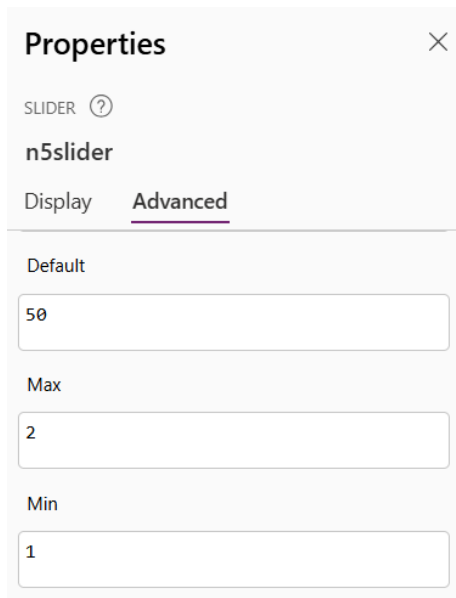
Format App

Format as required.



Modify slider

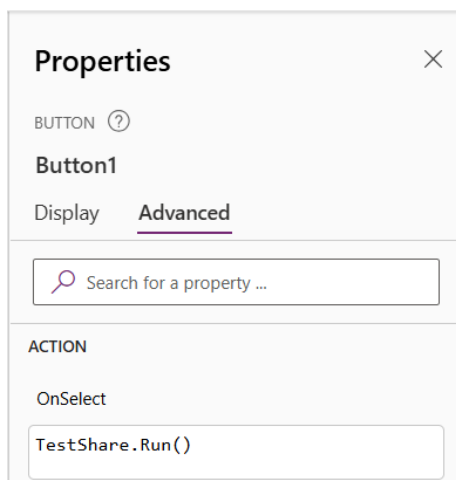
Rename and set min and max values. These values are the ID values from the SharePoint list.



The screenshot shows a 'Properties' dialog box for a slider control. The title bar says 'Properties' with a close button. Below the title, it says 'SLIDER' with a help icon. The control is named 'n5slider'. There are two tabs: 'Display' and 'Advanced', with 'Advanced' being the active tab. Under the 'Advanced' tab, there are three input fields: 'Default' with the value '50', 'Max' with the value '2', and 'Min' with the value '1'.

Code

Share All

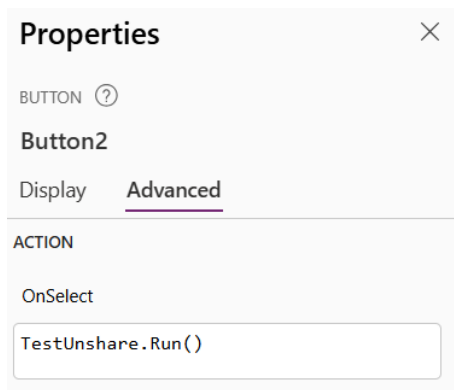


The screenshot shows a 'Properties' dialog box for a button control. The title bar says 'Properties' with a close button. Below the title, it says 'BUTTON' with a help icon. The control is named 'Button1'. There are two tabs: 'Display' and 'Advanced', with 'Advanced' being the active tab. Under the 'Advanced' tab, there is a search bar with the placeholder text 'Search for a property ...'. Below the search bar, there is an 'ACTION' section with a label 'OnSelect' and a text input field containing the code 'TestShare.Run()'.

Code:

```
TestShare.Run()
```

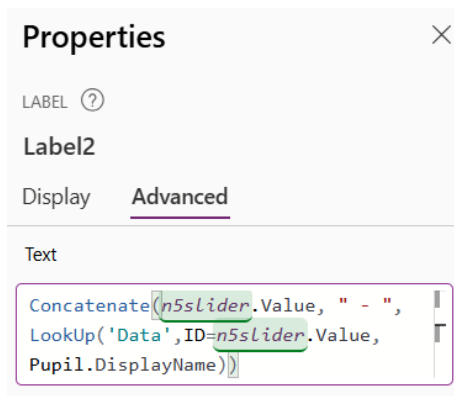
Unshare All



Code:

```
TestUnshare.Run()
```

Label

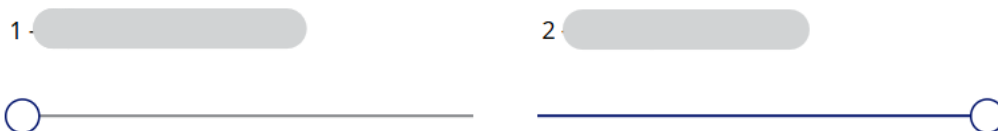


Code:

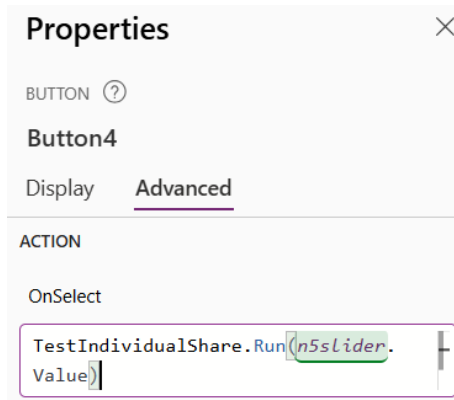
```
Concatenate(n5slider.Value, " - ", LookUp('Data', ID=n5slider.Value, Pupil.DisplayName))
```

Test the slider

Press and hold the *Alt* key. Drag the slider to see if the text changes.



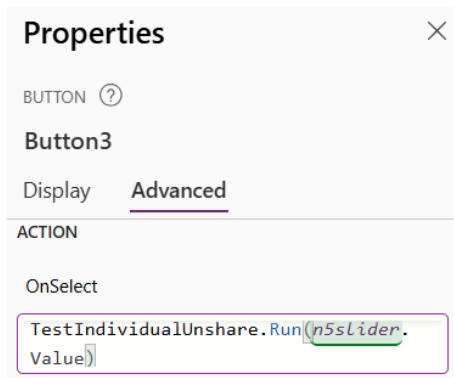
Share One



Code:

```
TestIndividualShare.Run(n5slider.Value)
```

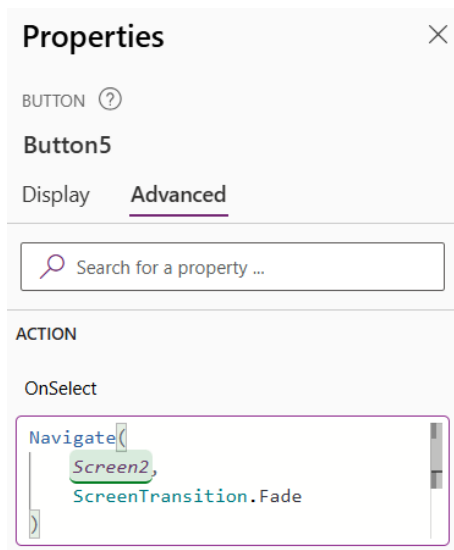
Unshare One



Code:

```
TestIndividualUnshare.Run(n5slider.Value)
```

Higher



Code:

```
Navigate(Screen2, ScreenTransition.Fade)
```

Save

Save the app!