

Using SharePoint for Assignments

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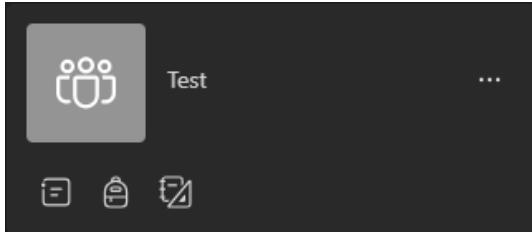
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Setup

Teams

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

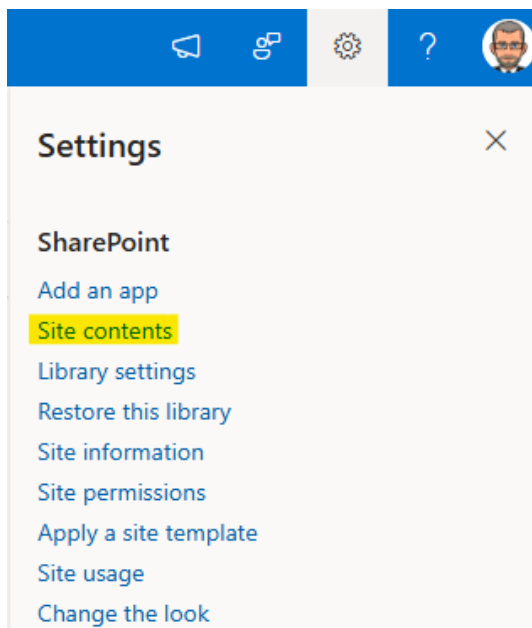


SharePoint

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.

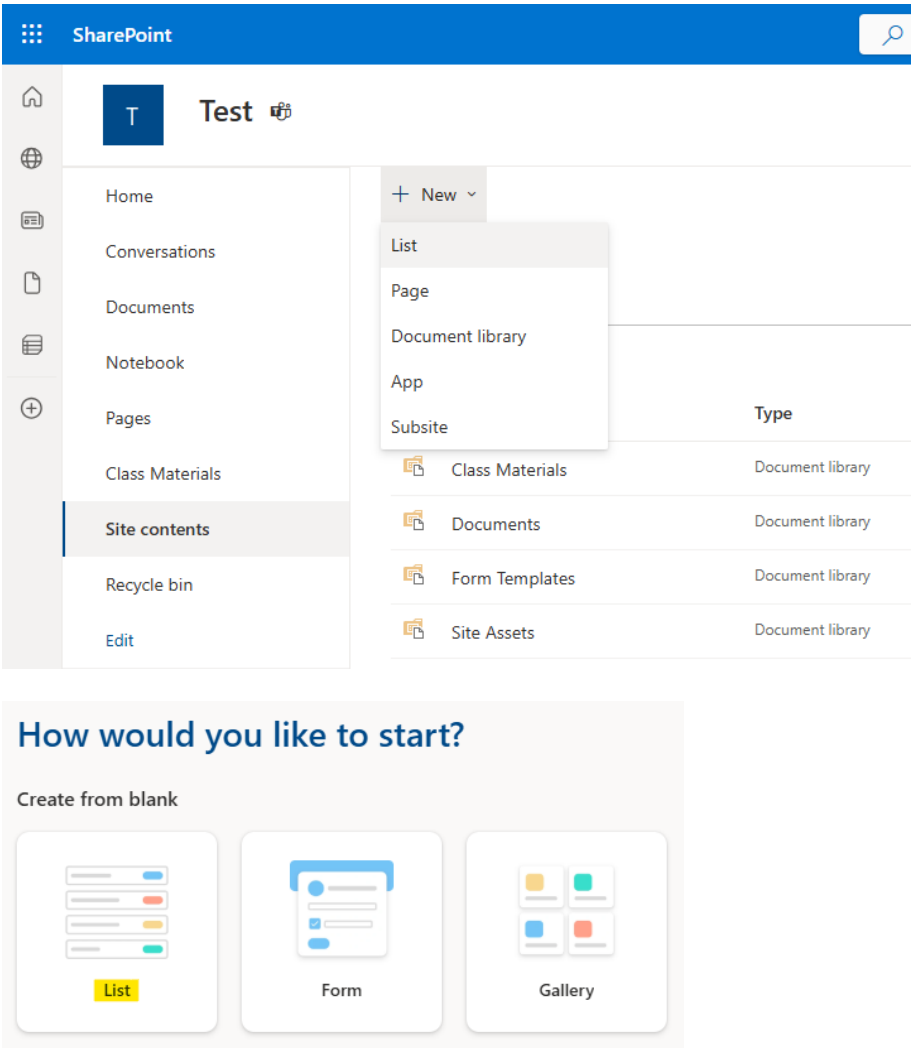
Access the **Site contents**.



List

Create

Create a new list.



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

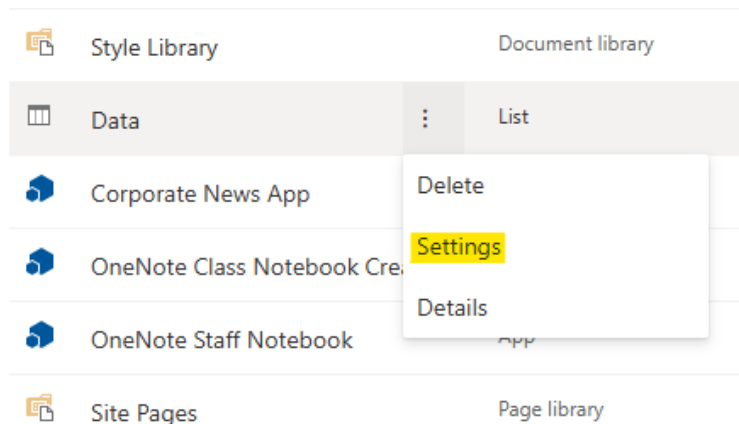
Data

☒ Show list in site navigation

Modify

Permissions

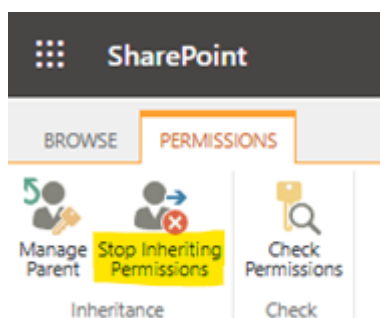
Access the site contents to edit the settings of the list.



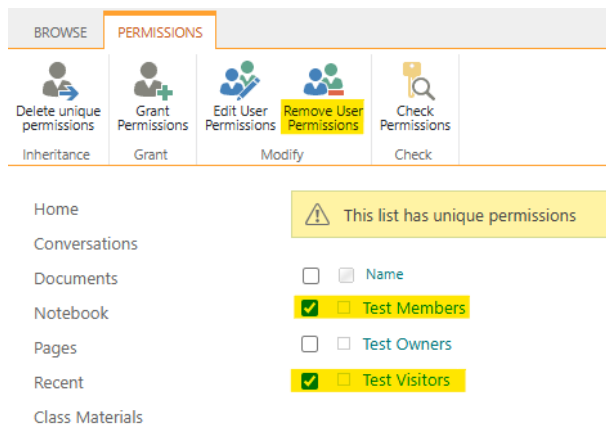
Permissions and Management

- [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.

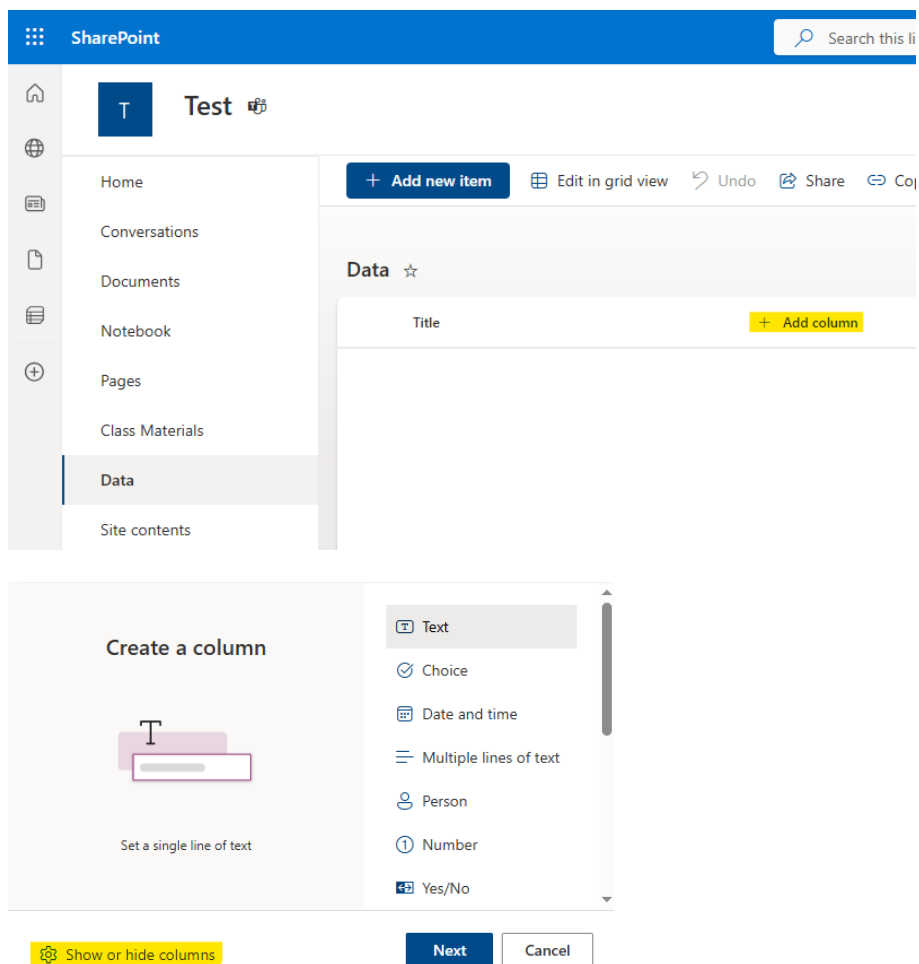


Remove non-owners.



List 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

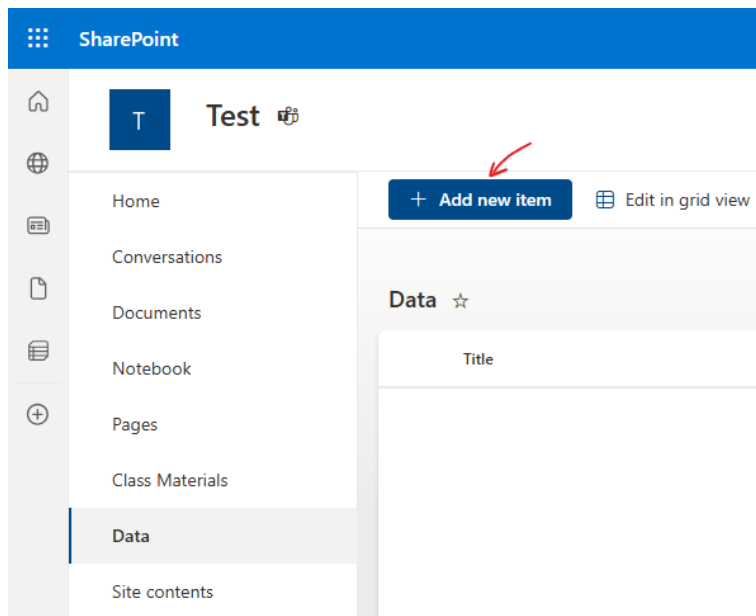
☒ Yes

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

G

????@glow.sch.uk
????@glow.sch.uk

Search Directory

Update *Title* to match *ID*.

+ Add new item
Edit in grid view
Undo
Share
Copy link
Export
Forms

Data

Title	ID	Pupil	+ Add column
	1		
	2		

+ Add new item
Exit grid view
Undo
Share
Copy link
Export
Forms

Data ☆

Title	ID	Pupil	+ Add column
1	1		
2	2		

+ Add new item

Document Library

Create

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

Create new document library

+
Blank library

From existing library

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.

SharePoint
Search this library

T
Test

+ New
Upload
Edit in grid view
Add shortcut to OneDrive
Pin to Quick access

Assignment

Name
Modified
Modified By
+ Add column

Your files

Modify

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.

☒ ID

☒ Type

☒ Name

☒ Modified

☒ Modified By

☐ Created

+ New

↑ Upload

⌘ Edit in grid view

🔗 Add shortcut to OneDrive

📌 Pin to Quick

Assignment

ID

📄 Name

Modified

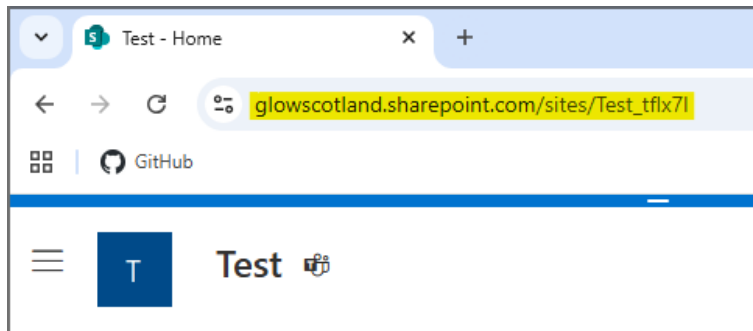
Moc

Permissions

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

Power Automate – Create & Share

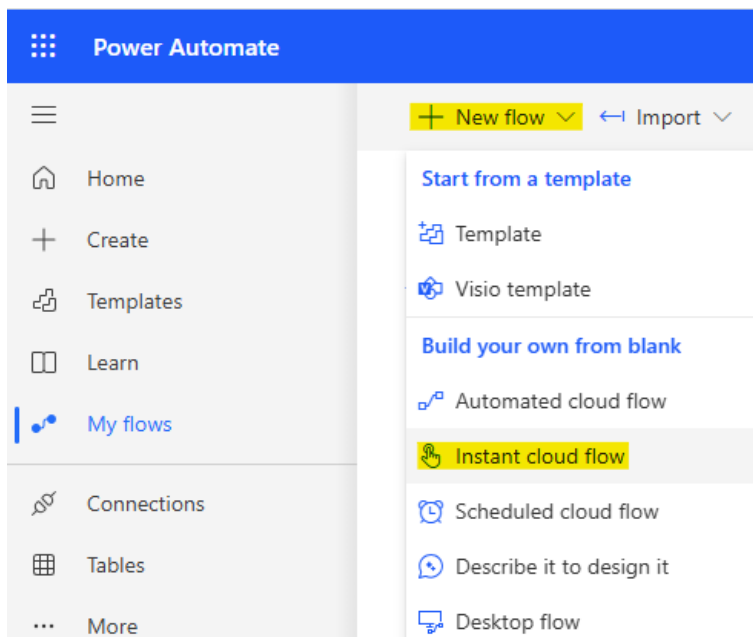
Power Automate will require the site address of the SharePoint site:



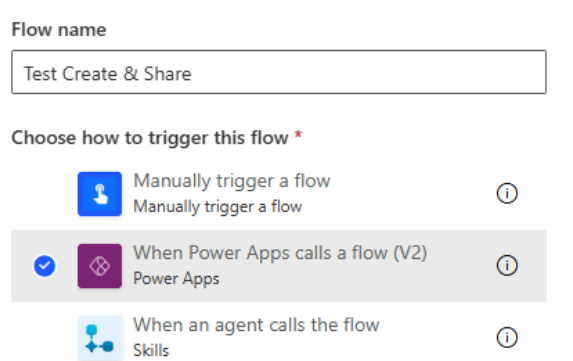
The address will be shown in various drop-down lists.

Create Flow

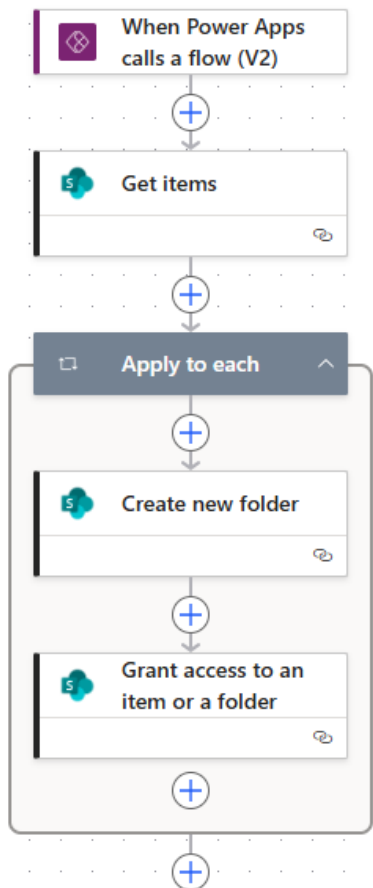
Create a flow.



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



Main Code




When Power Apps calls a flow (V2)

The screenshot shows the configuration page for the 'When Power Apps calls a flow (V2)' trigger. The page has tabs for 'Parameters', 'Settings', 'Code view', and 'About'. The 'Parameters' tab is selected. Below the tabs, there is a '+ Add an input' button.

Get Items


The screenshot shows the configuration page for the 'Get items' action. The page has tabs for 'Parameters', 'Settings', 'Code view', 'Testing', and 'About'. The 'Parameters' tab is selected. Below the tabs, there are two required fields: 'Site Address' and 'List Name'. The 'Site Address' field contains the value 'Test - https://glowscotland.sharepoint.com/sites/Test_tflx7l'. The 'List Name' field contains the value 'Data'. At the bottom, there is an 'Advanced parameters' section with a dropdown menu showing 'Showing 0 of 6', and two buttons: 'Show all' and '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 *

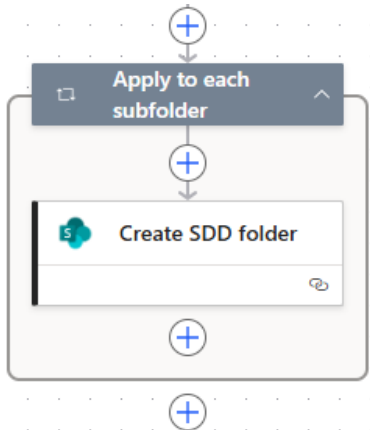
Can edit ⌵

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.

 Create SDD folder ⋮ ⏪

Parameters

Settings

Code view

Testing

About

Site Address *

Test - https://glowscotland.sharepoint.com/sites/Test_tfix71


▼

List or Library *

Assignment

▼

Folder Path *

 Pupil DisplayNa... × /SDD

Advanced parameters

Showing 0 of 1

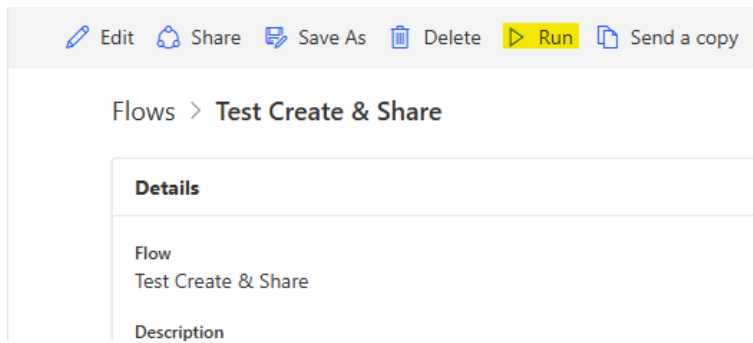
▼

Show all

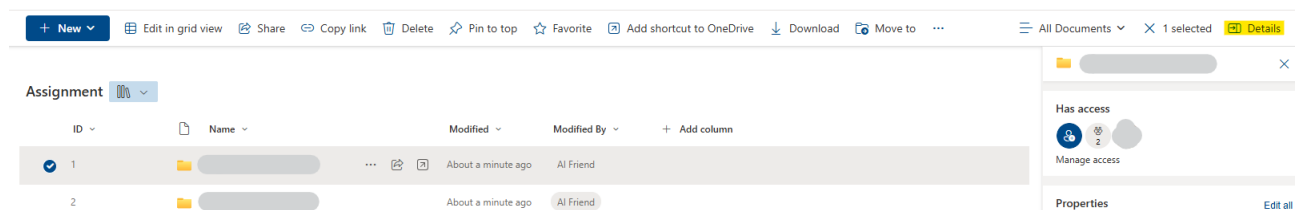
Clear all

Run the Flow

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

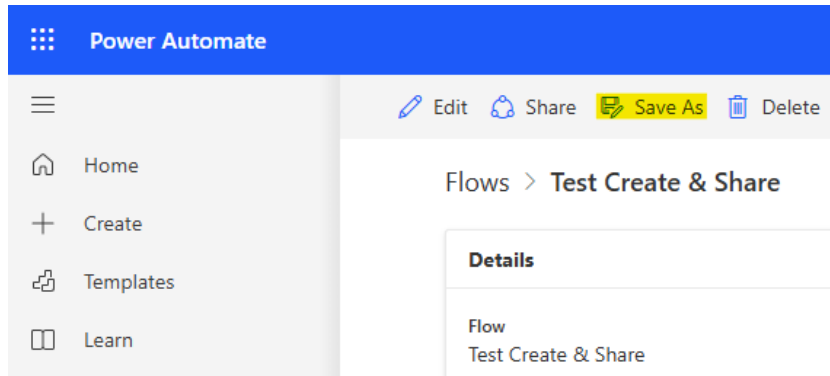


Check the result.



Power Automate – Remove access – All Pupils

Duplicate Flow



This one is called **Test Unshare**.

Create a copy of this flow ×

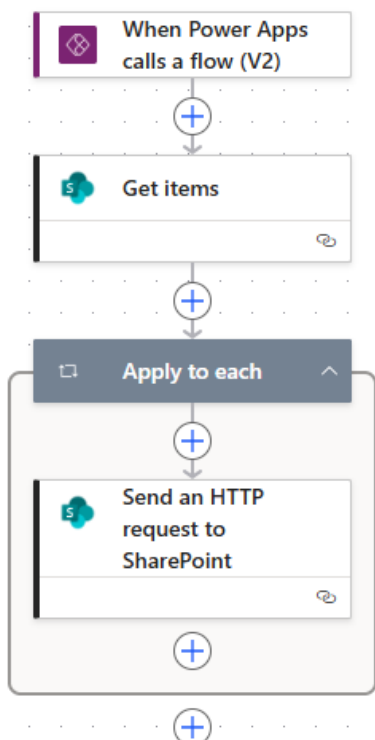
We'll create a copy of this flow and add it to your My flows page. You can rename it first if you want. It'll be turned off by default.

Flow name

Save Cancel

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(

ID

)/ResetRoleInheritance()

Advanced parameters

Showing 0 of 2

Show all

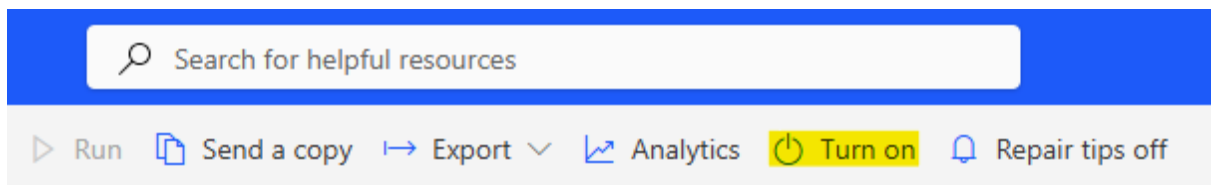
Clear all

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 Documents1 selectedDetails

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

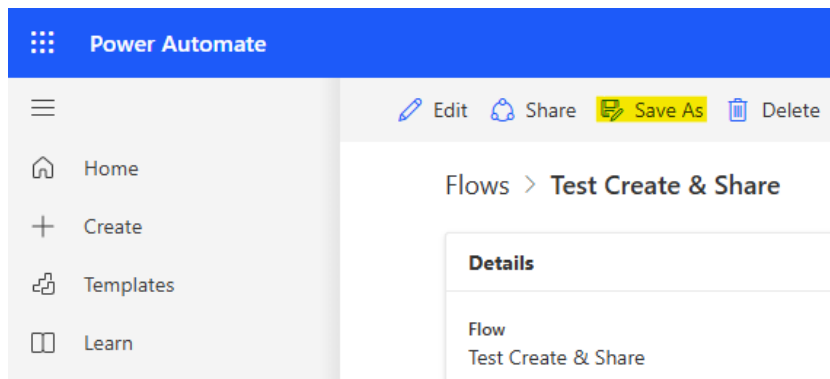
Has access

This item is not shared

Manage access

Power Automate – Grant access – All Pupils

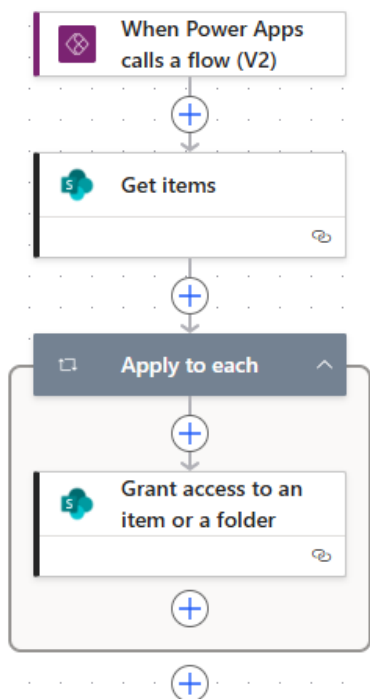
Duplicate Flow



This one is called **Test Share**.

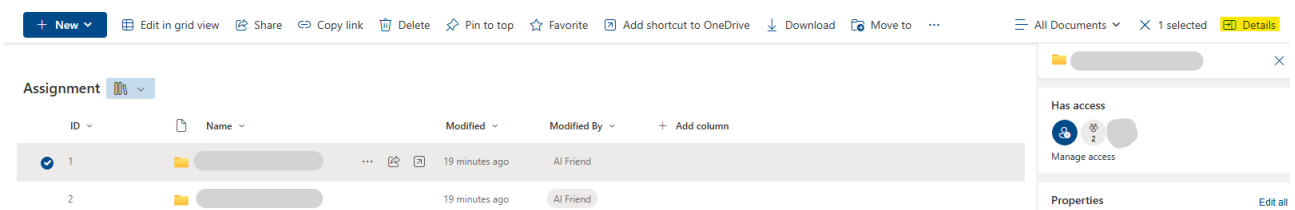
Edit Flow

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



Turn on and Run

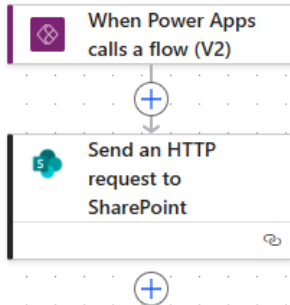
Turn on and run the flow. Check the result.



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 placeholder text 'Please enter an ID number'. Below the input list is a '+ Add an input' button.

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 box containing the URL: `_api/web/lists/getByTitle('Assignment')/items({idNumber})/ResetRoleInheritance()`. The '{idNumber}' is linked to the 'idNumber' input from the previous step.

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

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 Documents1 selectedDetails

Assignment

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

Has access

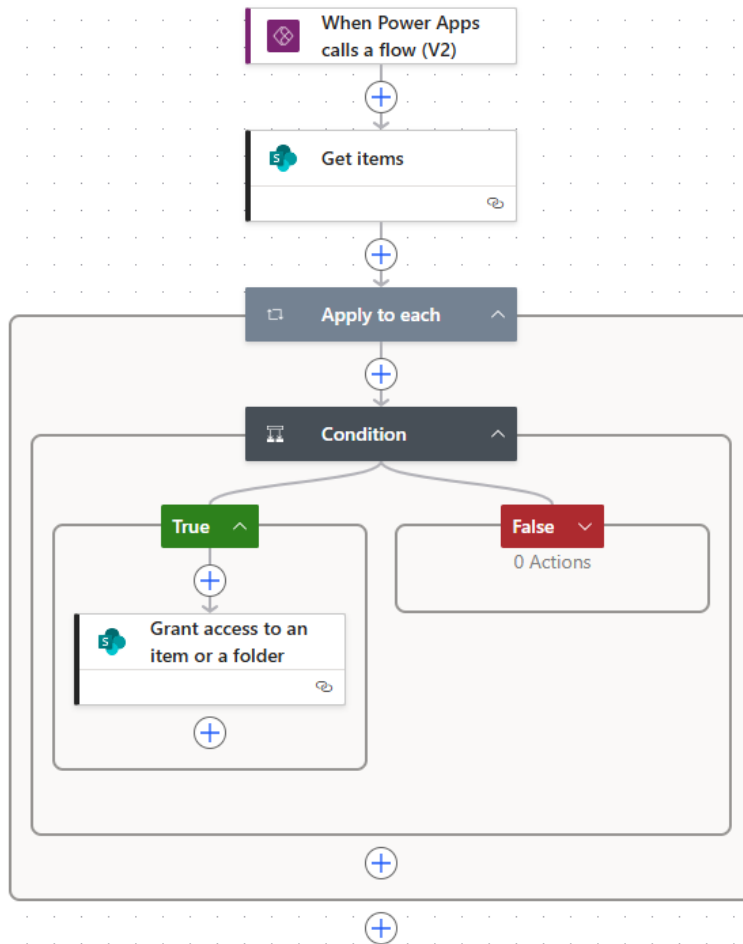
This item is not shared

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. The 'Parameters' tab is selected. A new input is added: 'idNumber' of type 'Number'. The input field contains the placeholder text 'Please enter an ID number'.

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

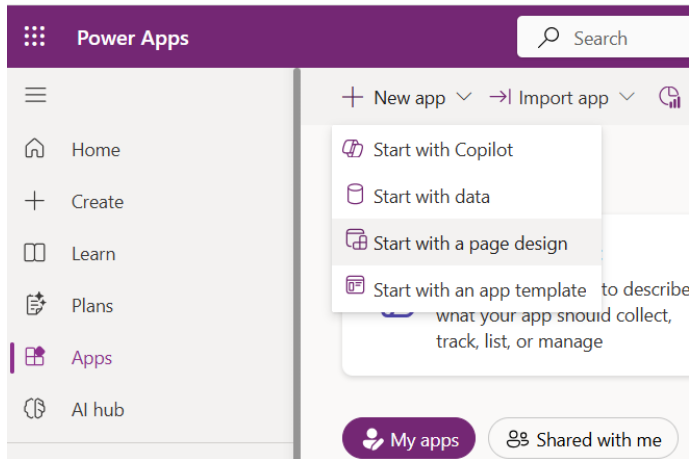
Manage access

Properties Edit all

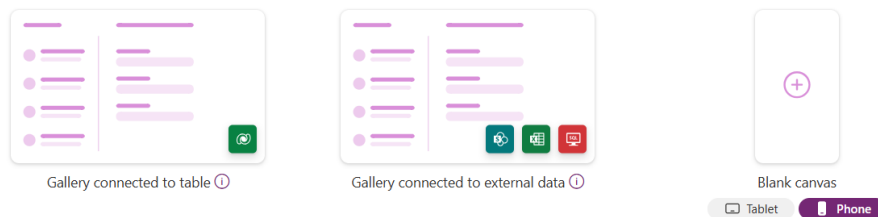
Power Apps

Create App

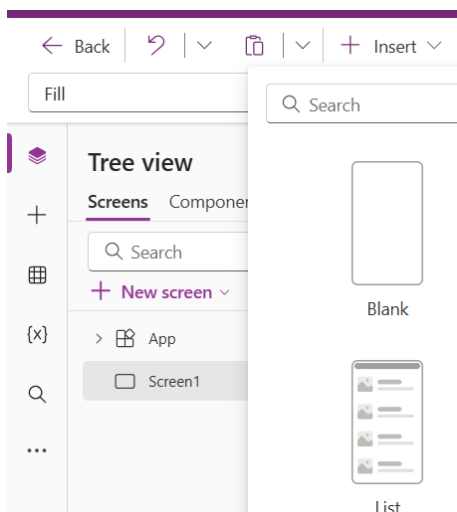
Create a new app.



Select a page design to start your app

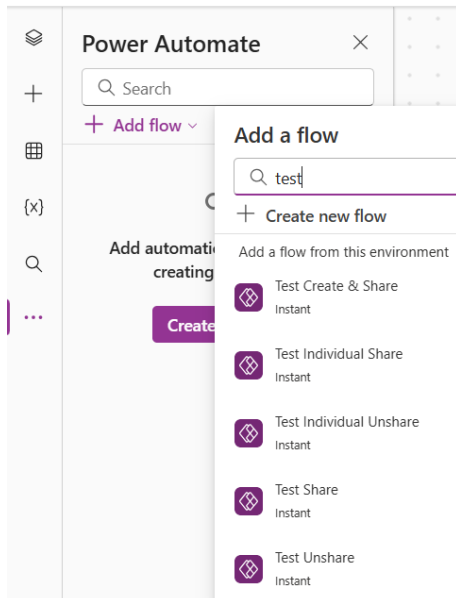
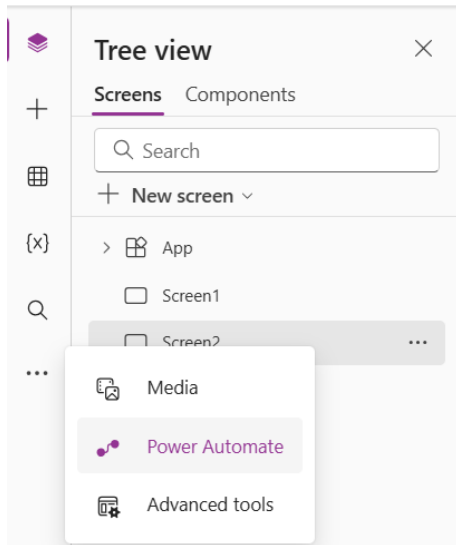


Add additional screens, as required.

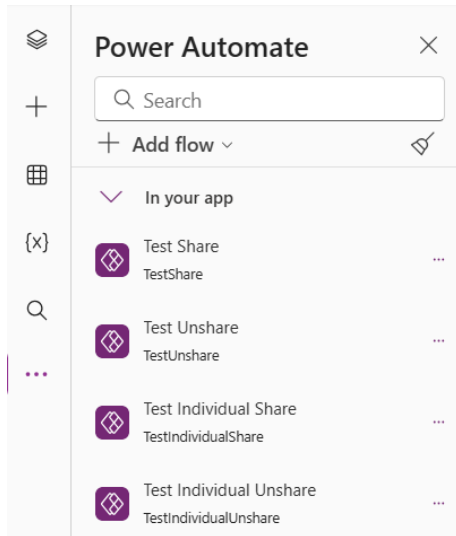


Add Flows

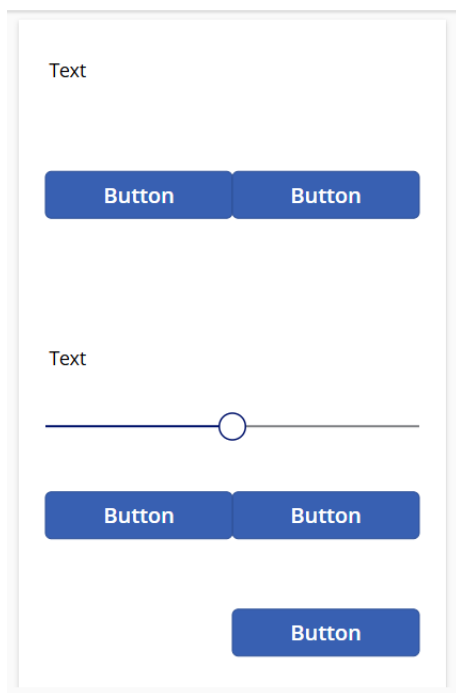
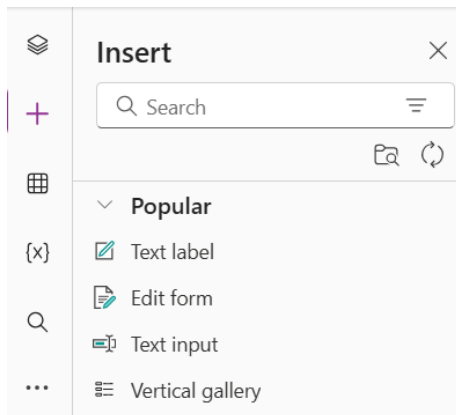
Add Power Automate flows. Repeat as required.



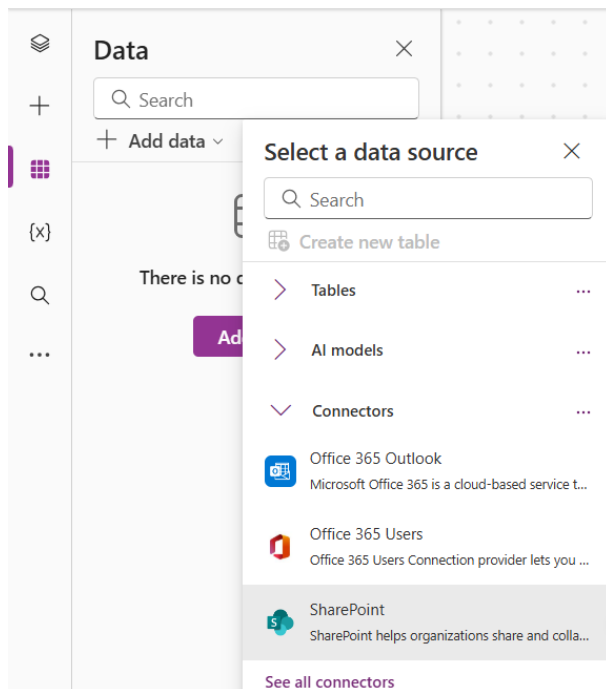
Name(s) without spaces will be used when coding.



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

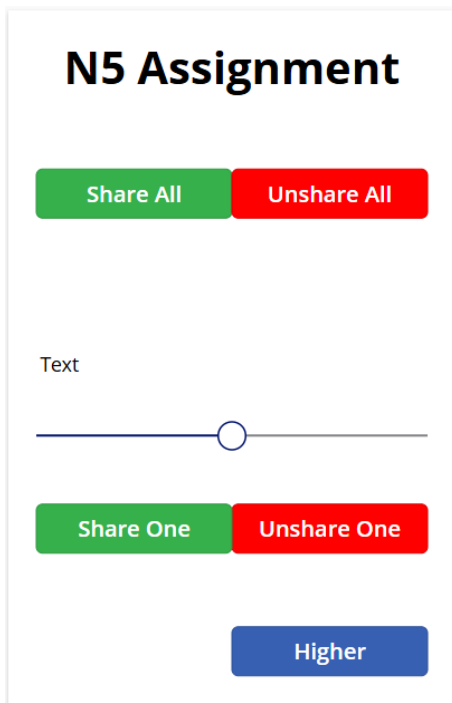
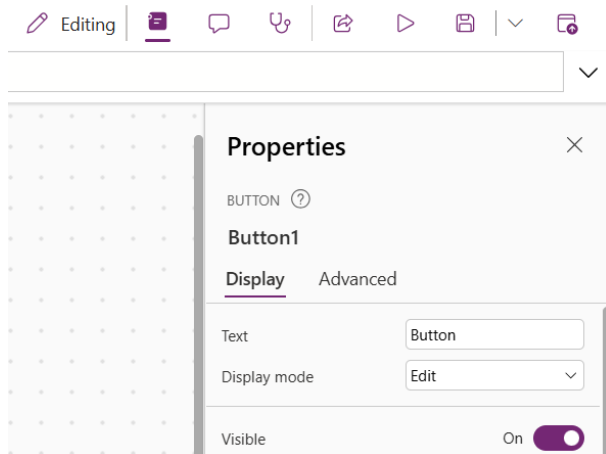
☒ Data

☐ Documents

☐ Enter custom table name

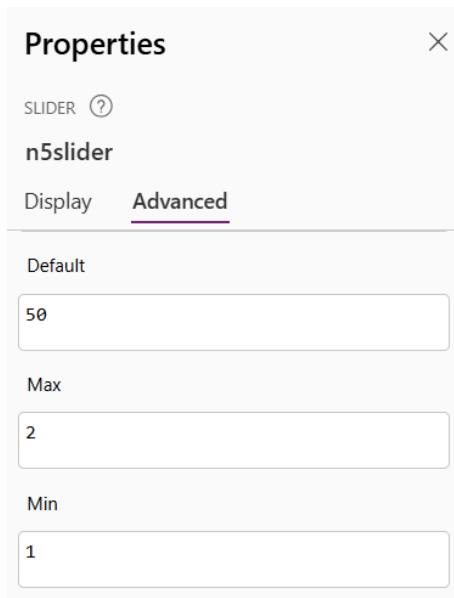
Format App

Format as required.



Modify slider

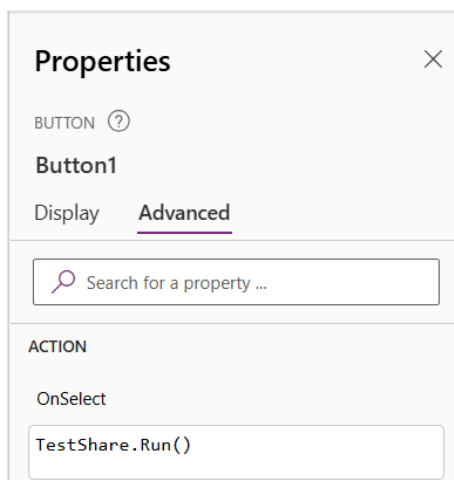
Rename and set min and max values. These values are the ID values from the SharePoint list.



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

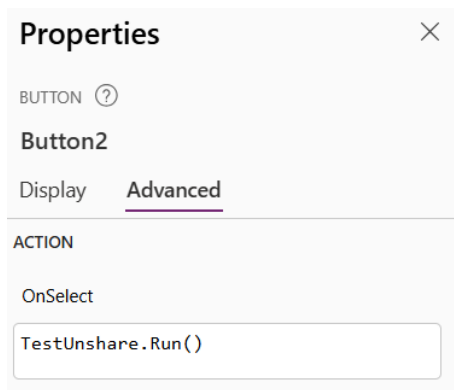


The screenshot shows a 'Properties' dialog box for a button control. The title bar says 'Properties' with a close button. Below the title, it says 'BUTTON' with a help icon. The control is named 'Button1'. There are two tabs: 'Display' and 'Advanced', with 'Advanced' being the active tab. Under the 'Advanced' 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 box containing the code 'TestShare.Run()'.

Code:

```
TestShare.Run()
```

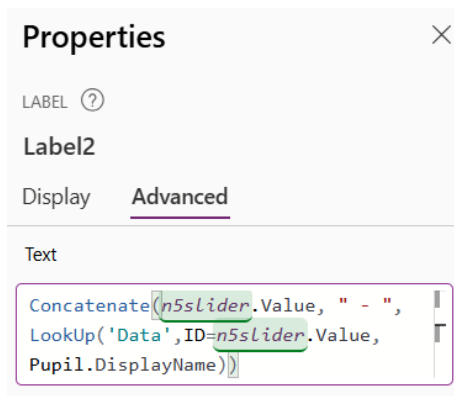
Unshare All



Code:

```
TestUnshare.Run()
```

Label

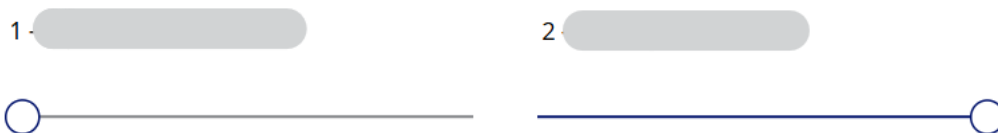


Code:

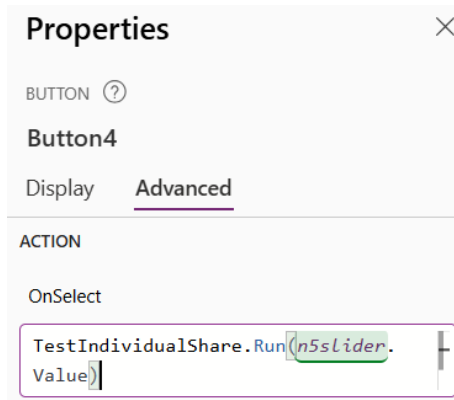
```
Concatenate(n5slider.Value, " - ", LookUp('Data',ID=n5slider.Value,  
Pupil.DisplayName))
```

Test the slider

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



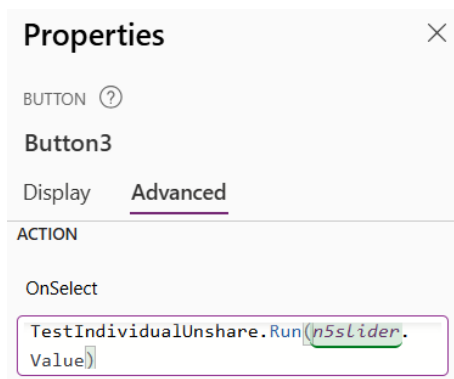
Share One



Code:

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

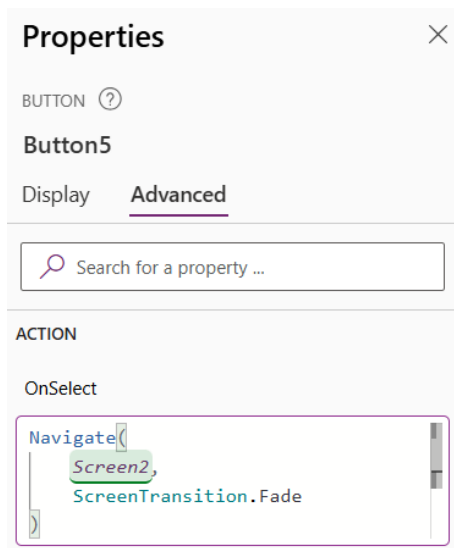
Unshare One



Code:

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

Higher



Code:

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

Save

Save the app!