Using SharePoint for Assignments

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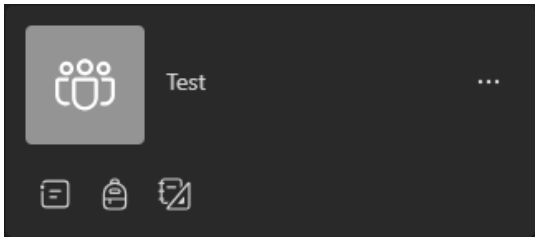
Setup

Teams

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

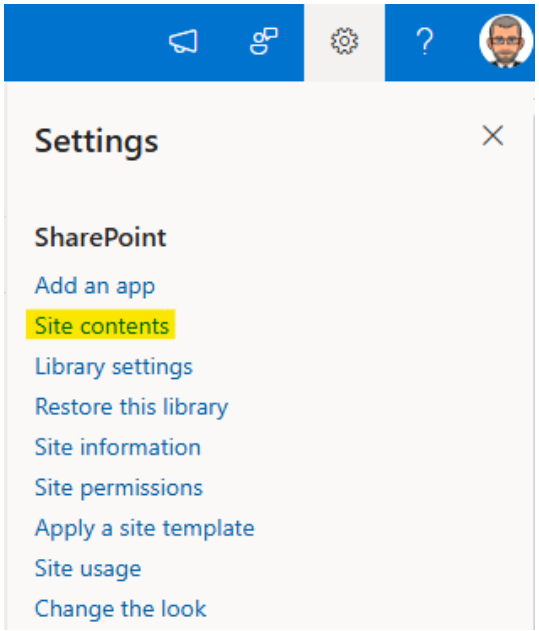


SharePoint

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. It can take a few minutes after the team is created for the site to be accessible.

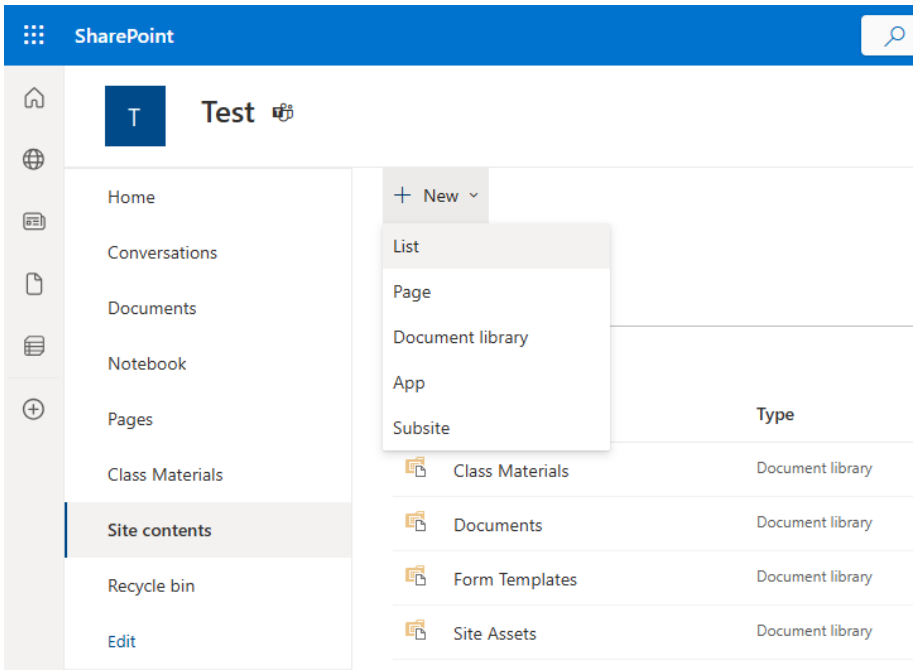
Access the **Site contents**.

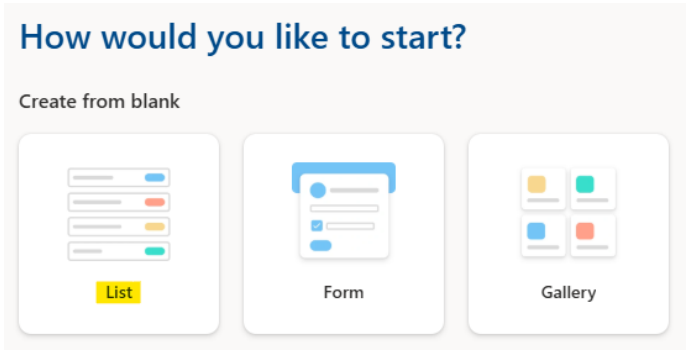


List

Create

Create a new list.



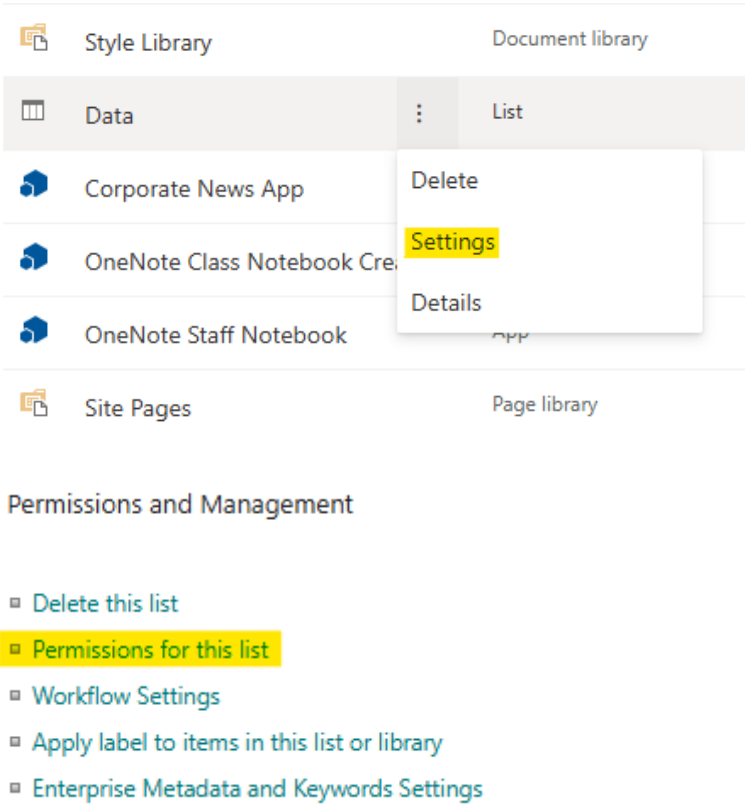


The list is called **Data**. It is used to hold the details of the pupils.

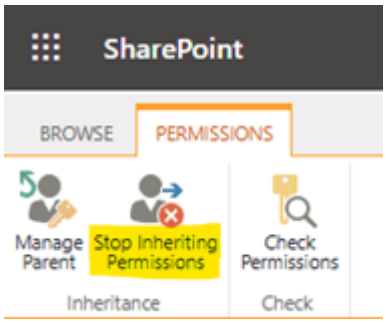
Modify

Permissions

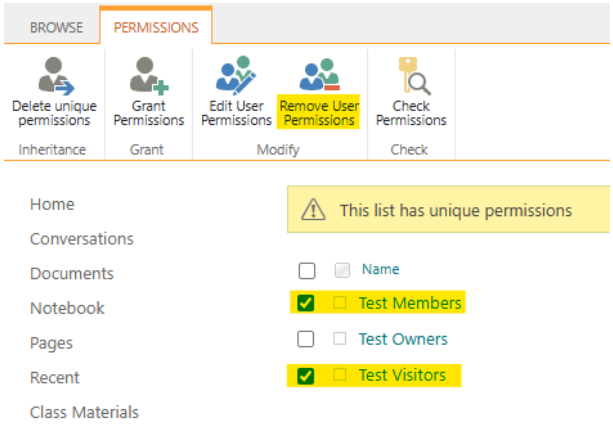
Access the site contents to edit the settings of the list.



Stop inheriting permissions.

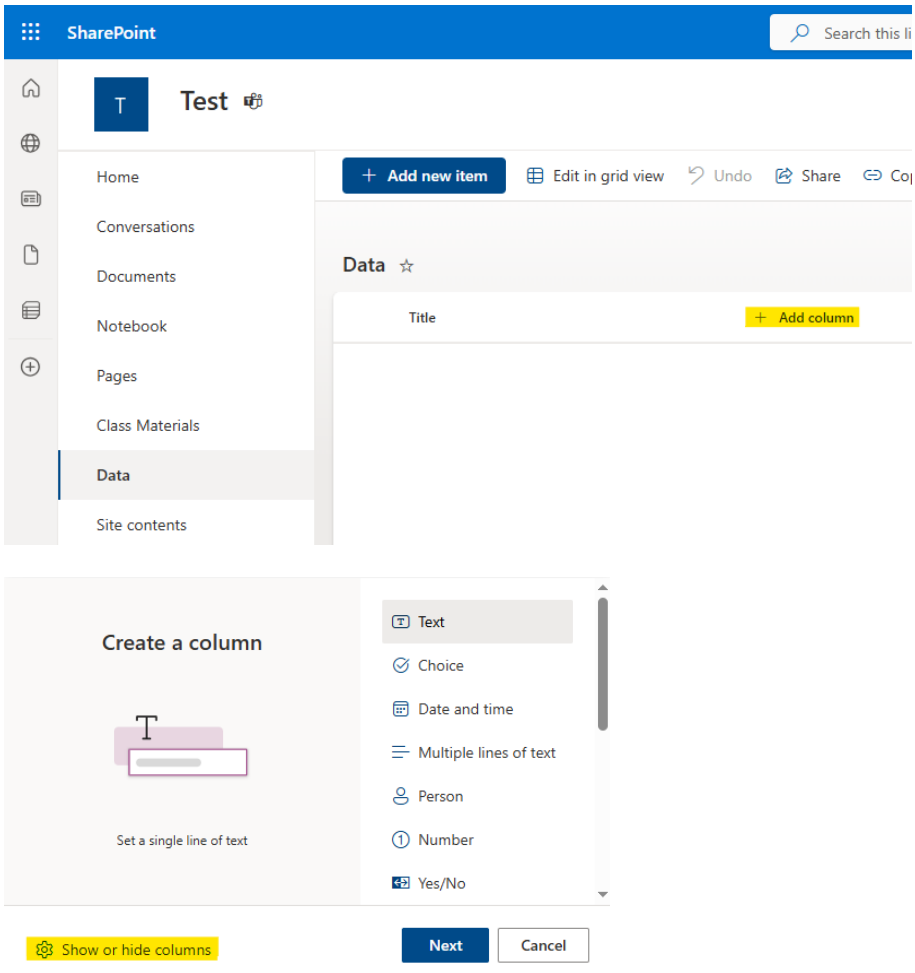


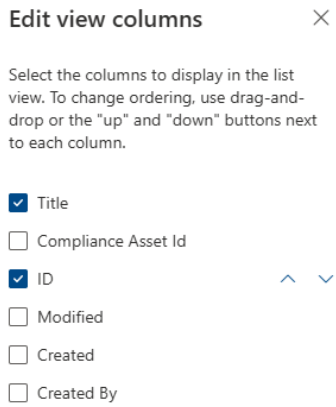
Remove non-owners.



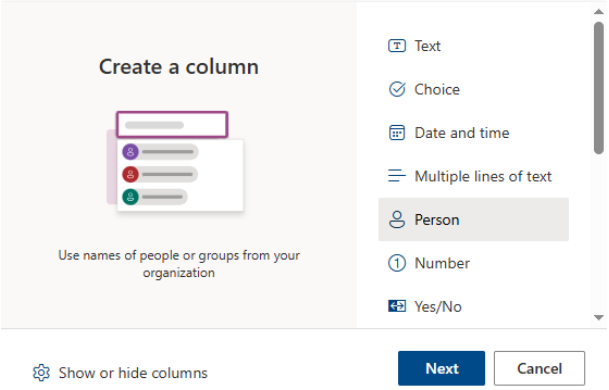
List Columns

Show the **ID** column.

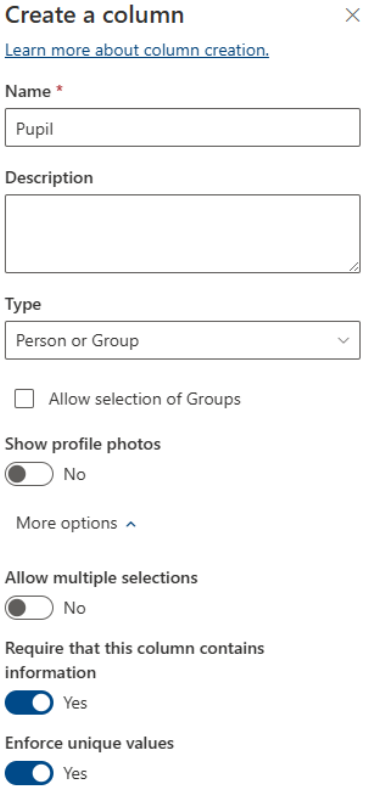




Add a *Person* column.

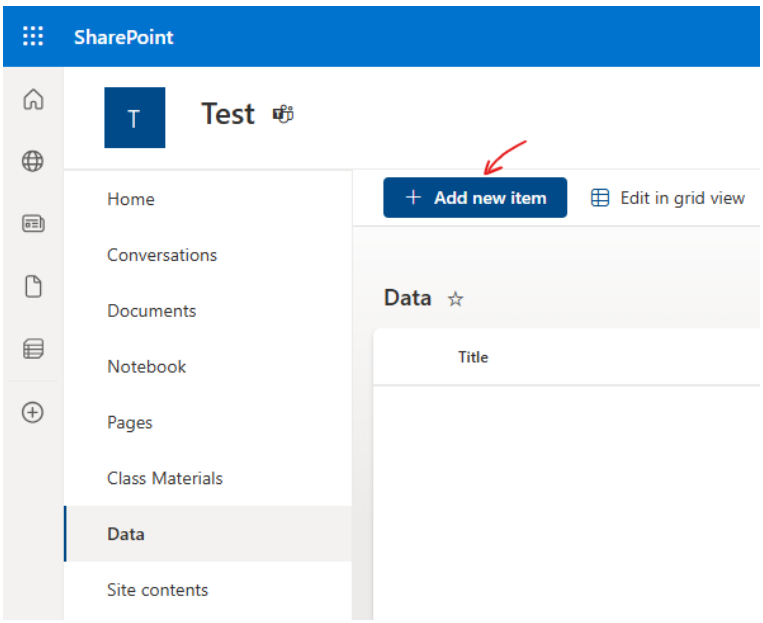


This one is called **Pupil**.

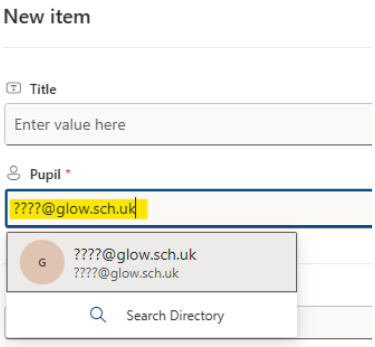


Add Pupils

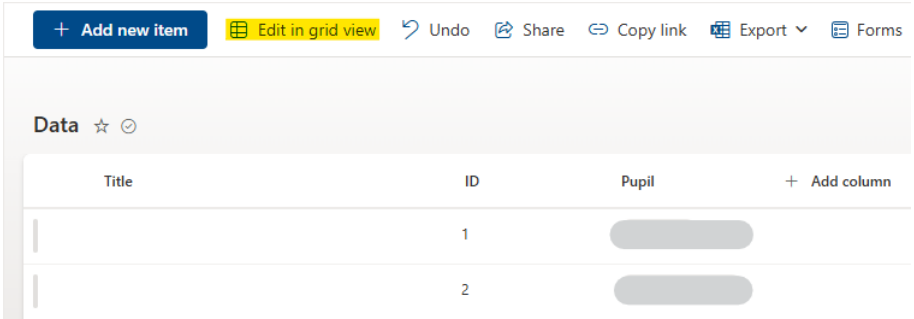
Add the required pupils.

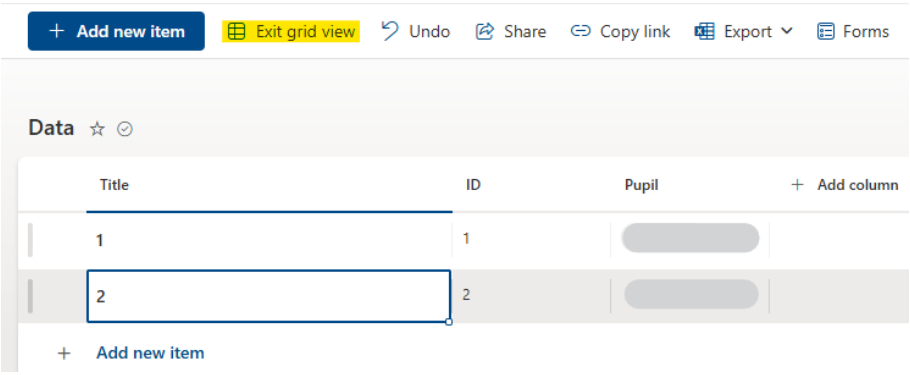


Glow email addresses can be used.



Update *Title* to match *ID*.

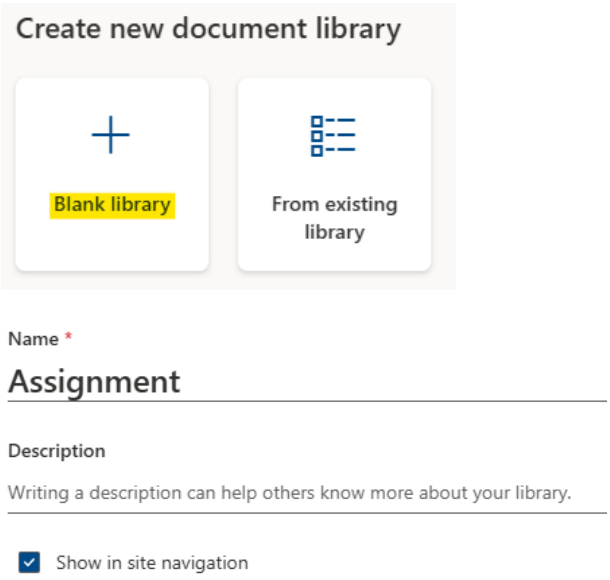




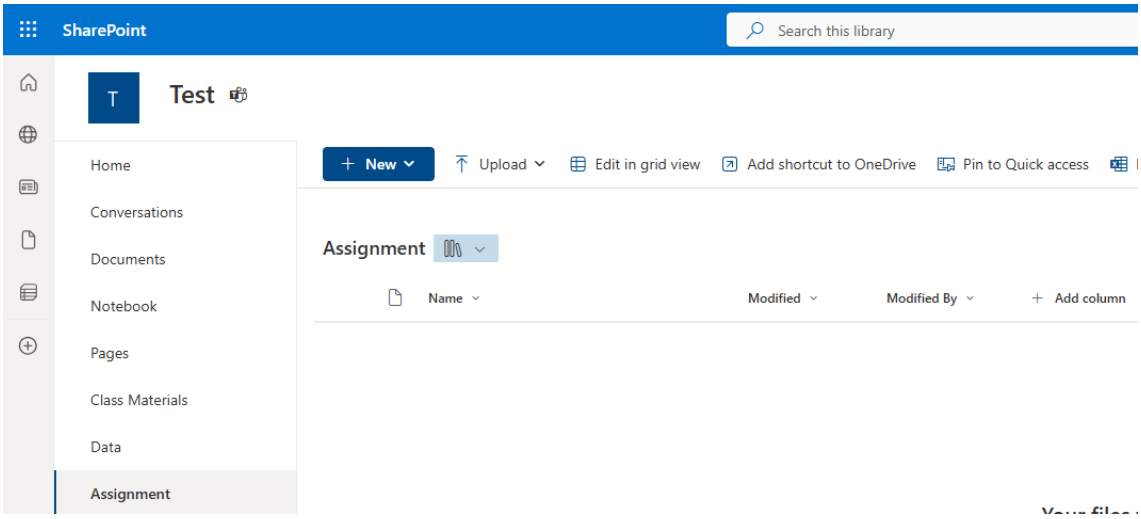
Document Library

Create

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



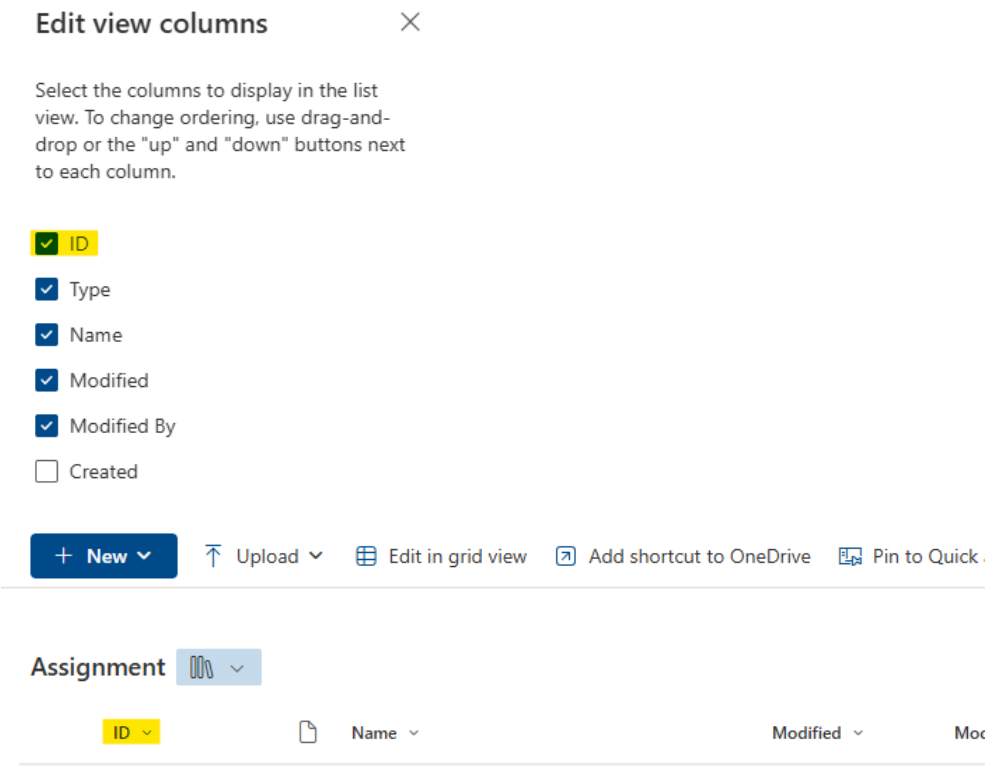
The document library is called **Assignment**. It is used to hold the pupils' files.



Modify

Columns

Show the **ID** column.

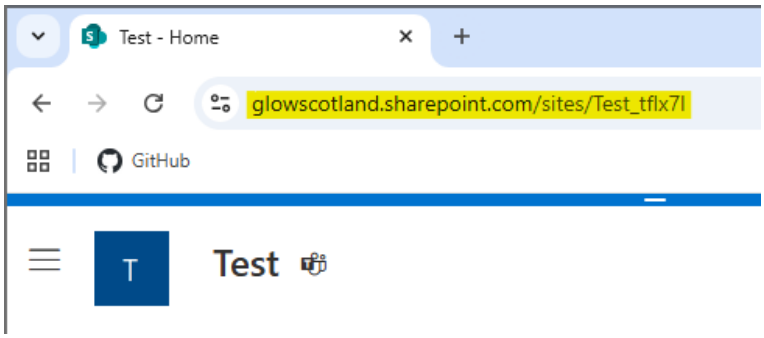


Permissions

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

Power Automate – Create & Share

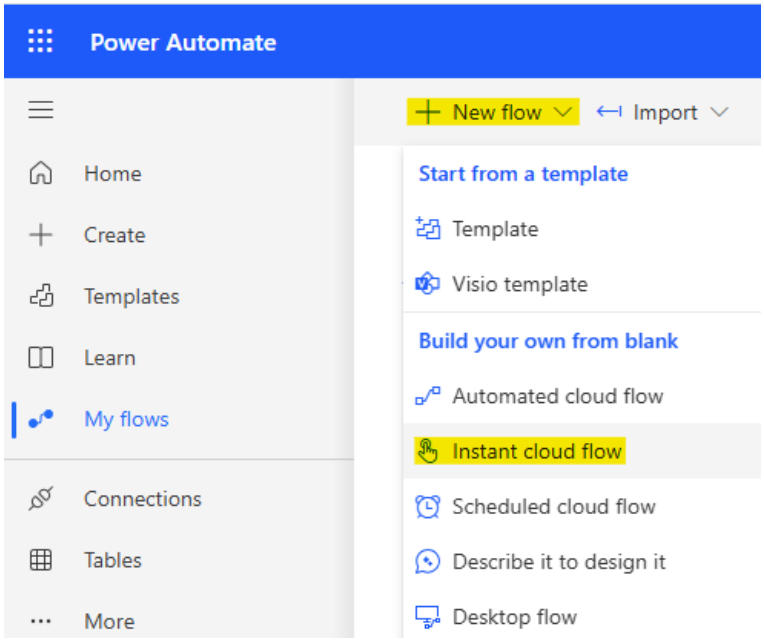
Power Automate will require the site address of the SharePoint site:



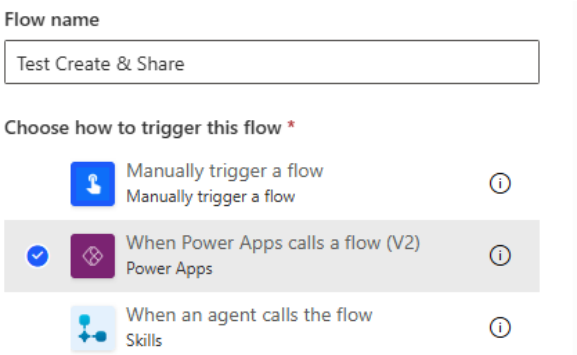
The address will be shown in various drop-down lists.

Create Flow

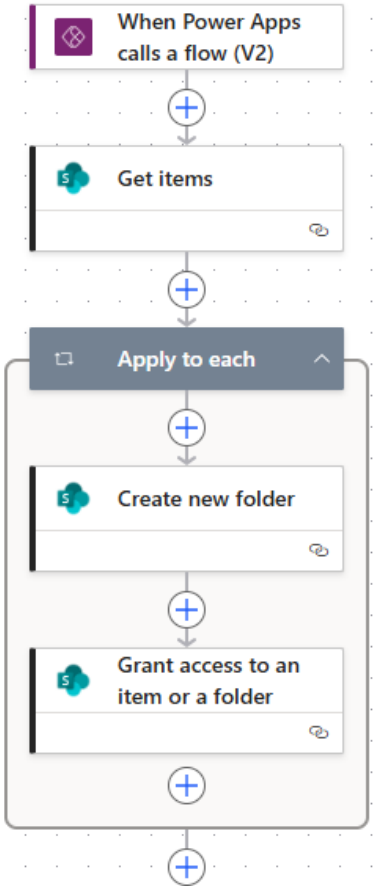
Create a flow.



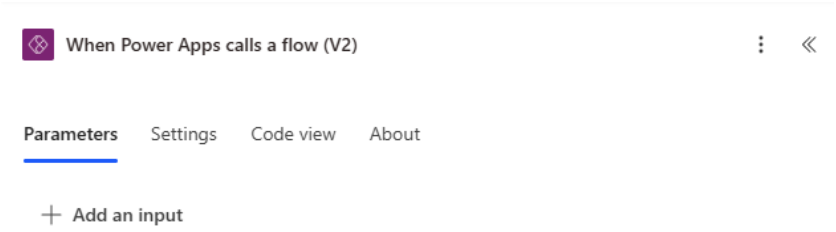
This one is called **Test Create & Share**.



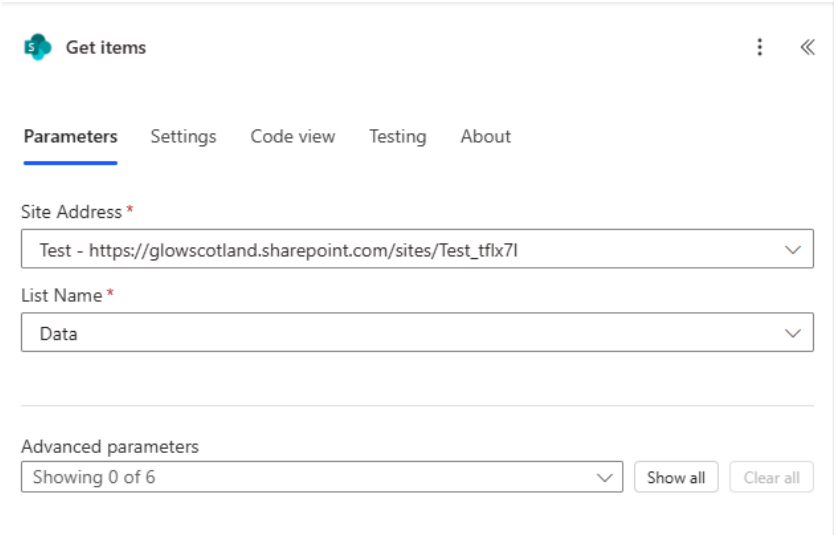
Main Code



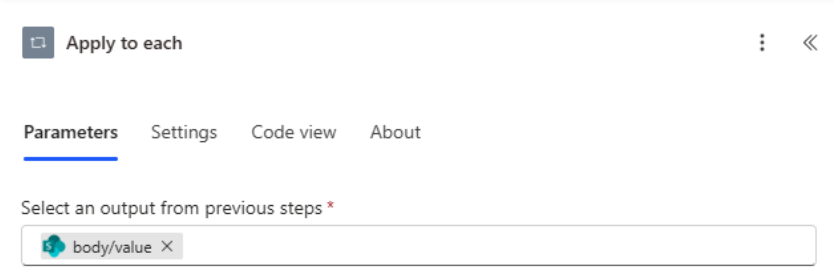
When Power Apps calls a flow (V2)



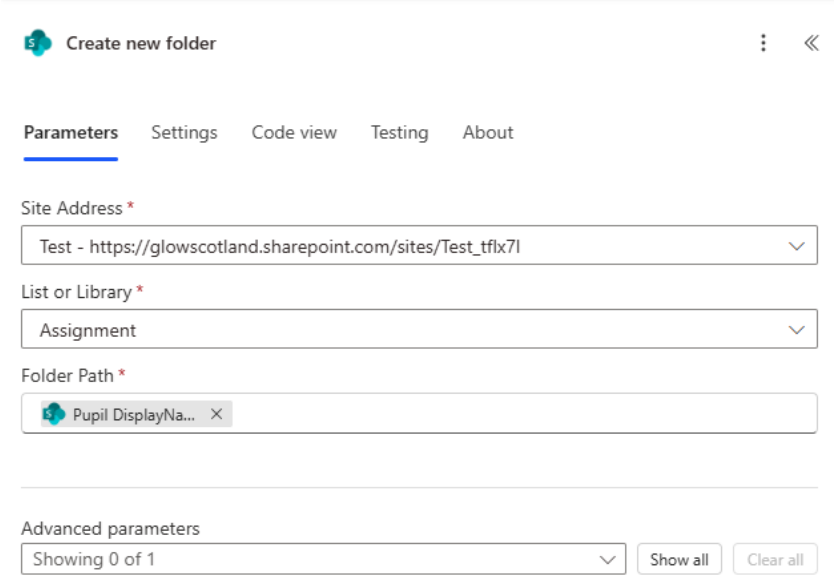
Get Items



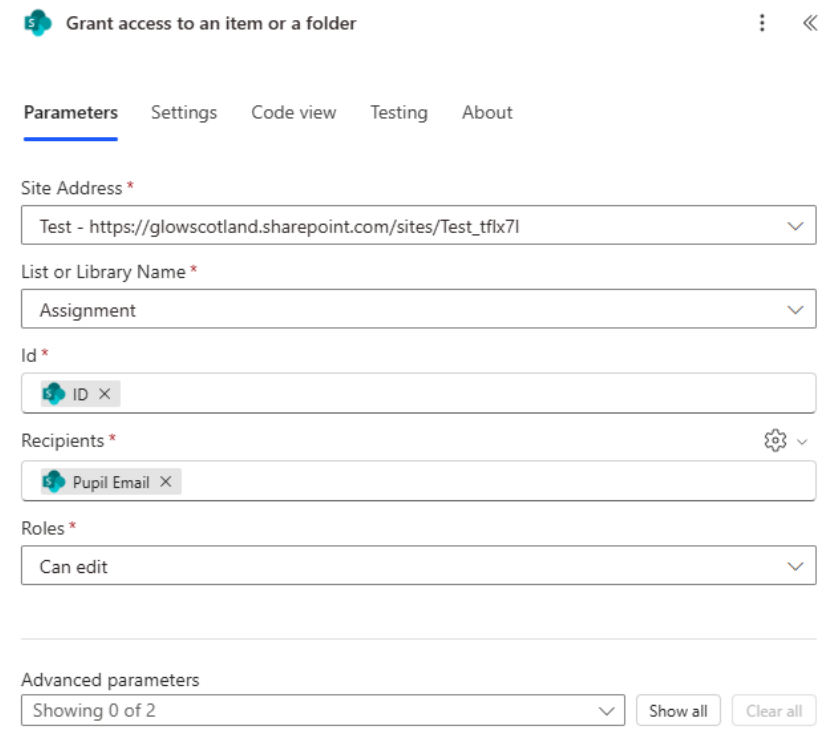
Apply to each



Create new folder

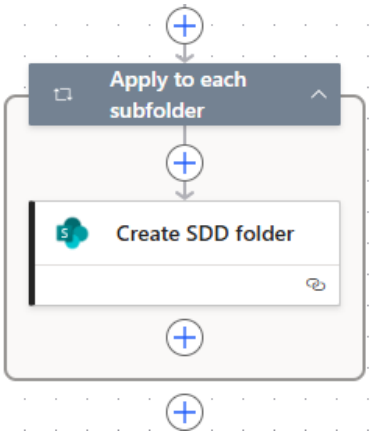


Grant access to an item or a folder



Optional Code

This code can be used to create subfolder.

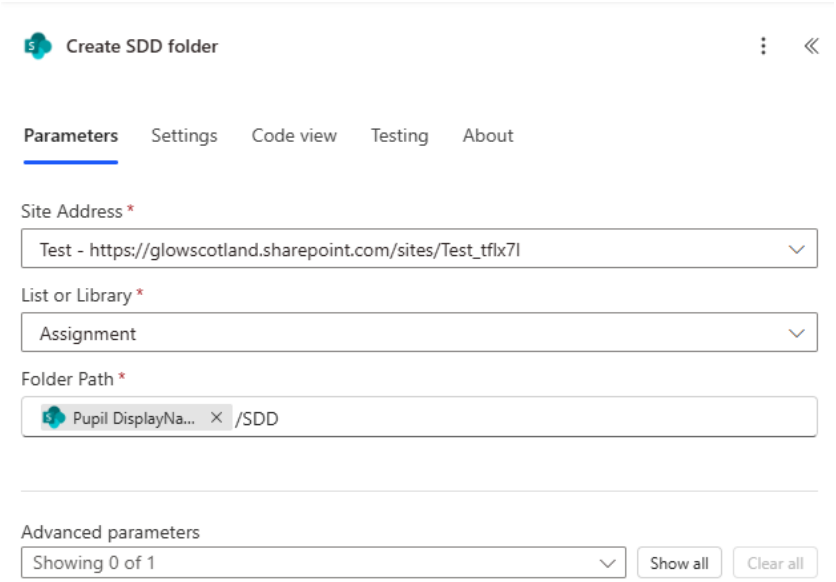


Apply to each sub folder

Use the **Apply to each** block.

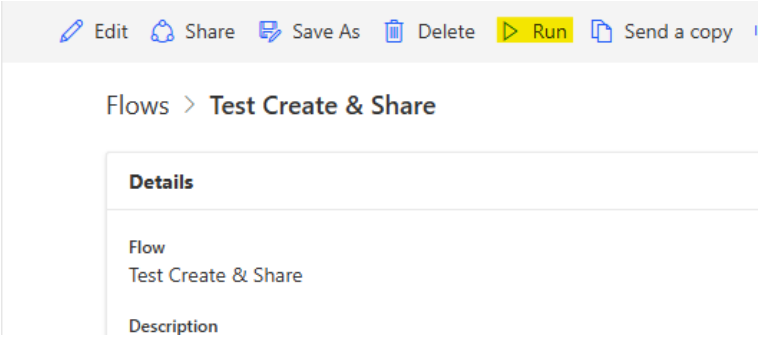
Create SDD folder

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

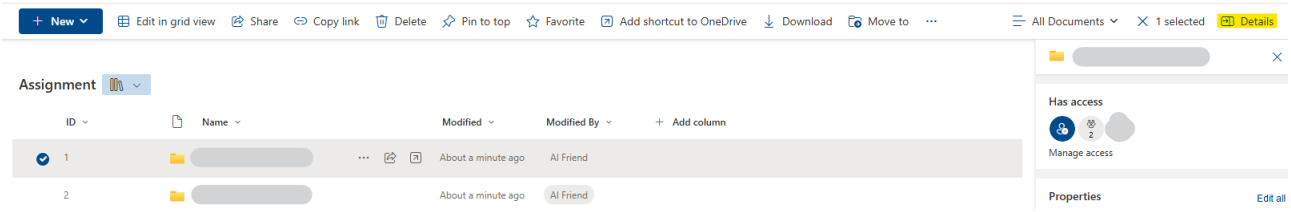


Run the Flow

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

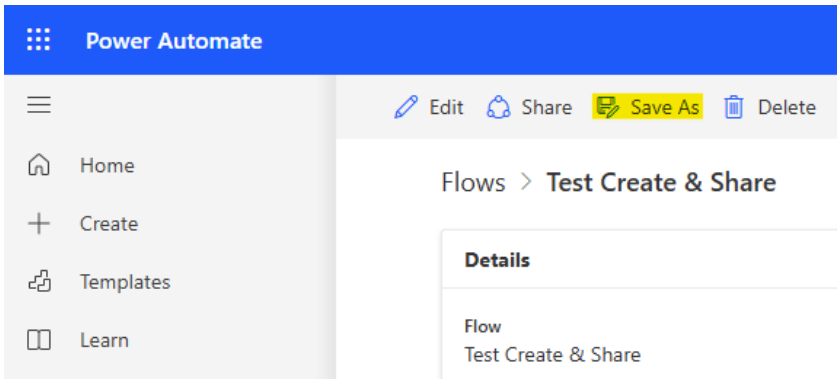


Check the result.

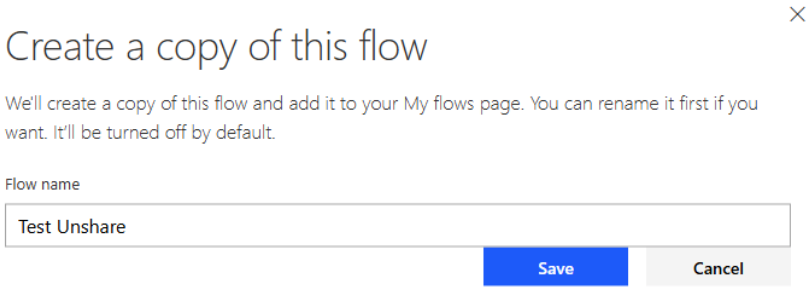


Power Automate – Remove access – All Pupils

Duplicate Flow

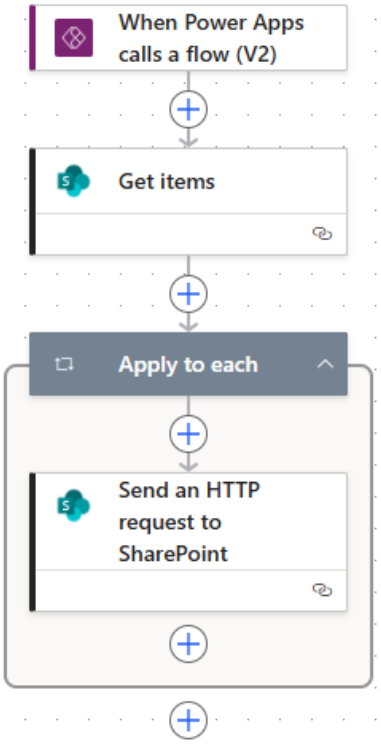


This one is called **Test Unshare**.

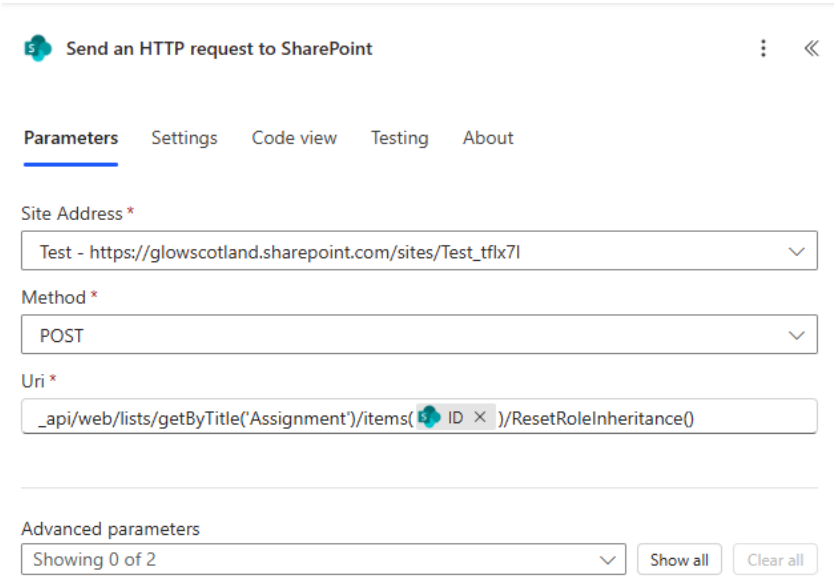


Edit Flow

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



Send an HTTP request to SharePoint

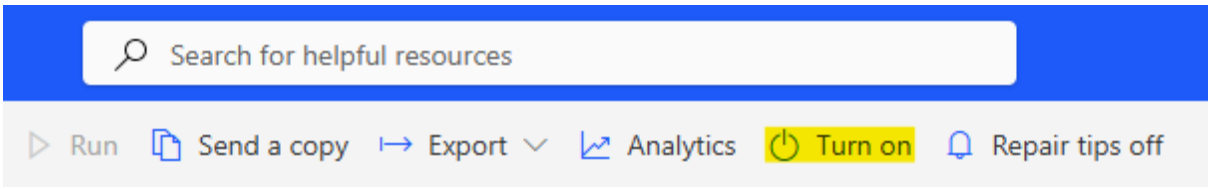


Uri:

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

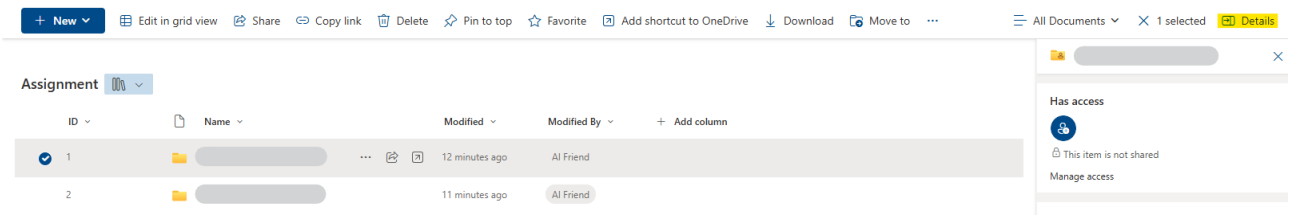
Turn on and Run

Turn on the flow.



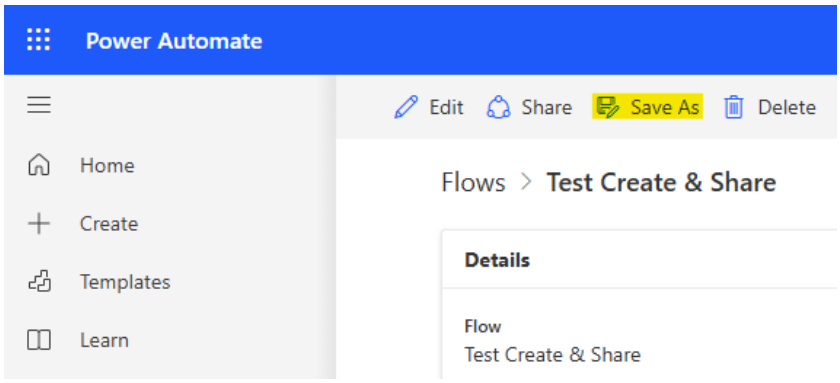
Run the flow.

Check the result.



Power Automate – Grant access – All Pupils

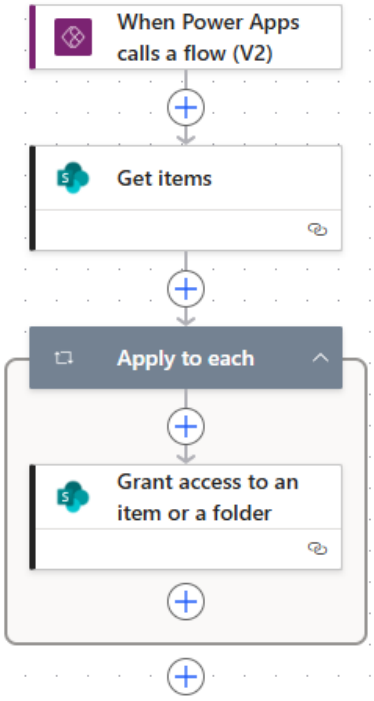
Duplicate Flow



This one is called **Test Share**.

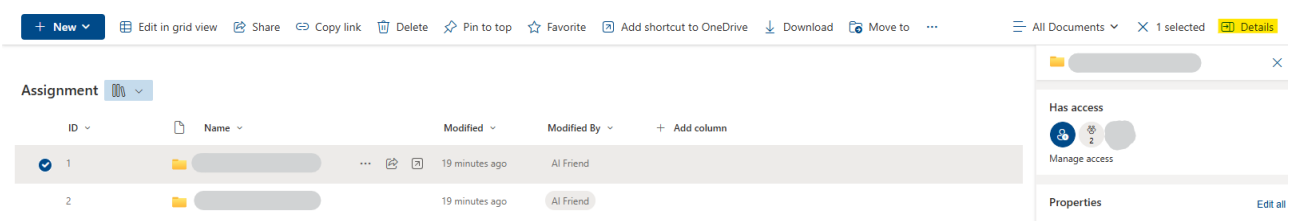
Edit Flow

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



Turn on and Run

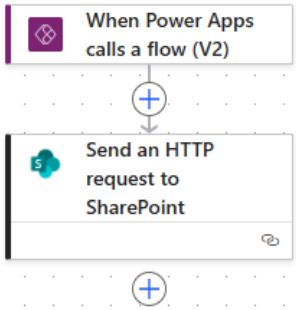
Turn on and run the flow. Check the result.



Power Automate – Remove access – Individual Pupil

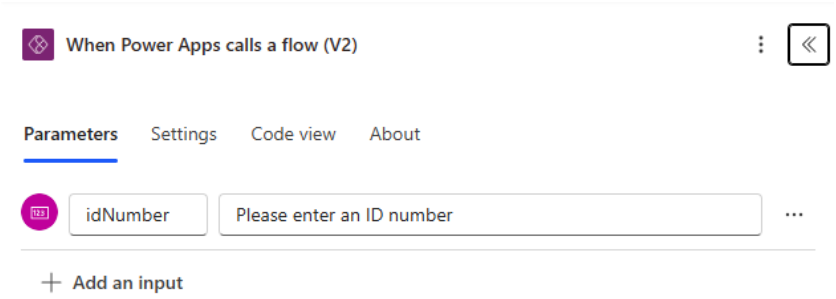
This one is called **Test Individual Unshare**.

Main Code

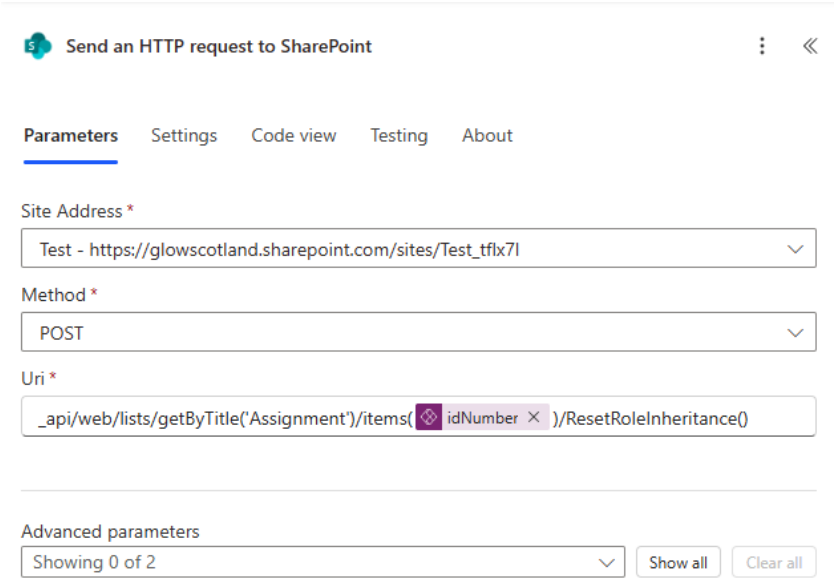


When Power Apps calls a flow (V2)

Add an input of type *Number*.



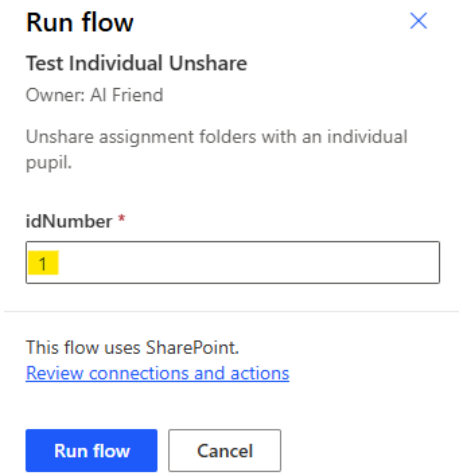
Send an HTTP request to SharePoint



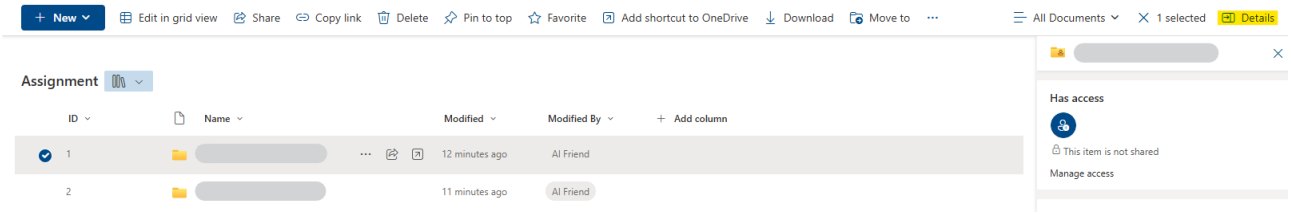
Uri:

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

Run the Flow



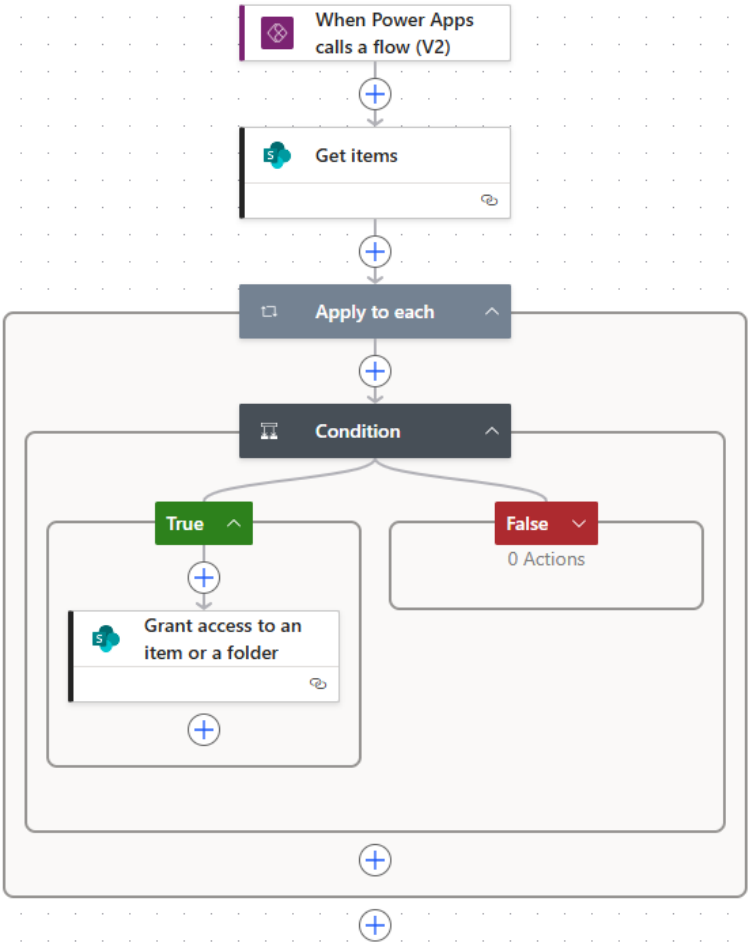
Check the result.



Power Automate – Grant access – Individual Pupil

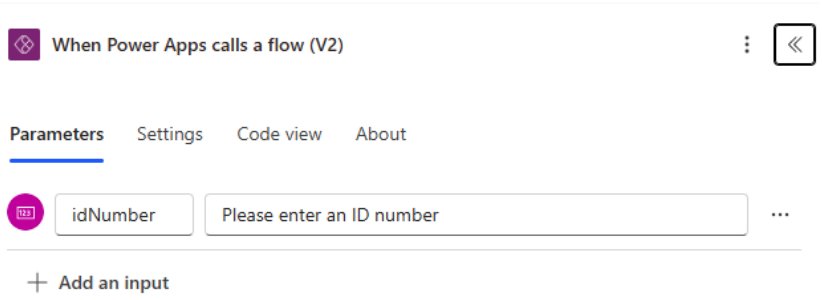
This one is called **Test Individual Share**.

Main Code

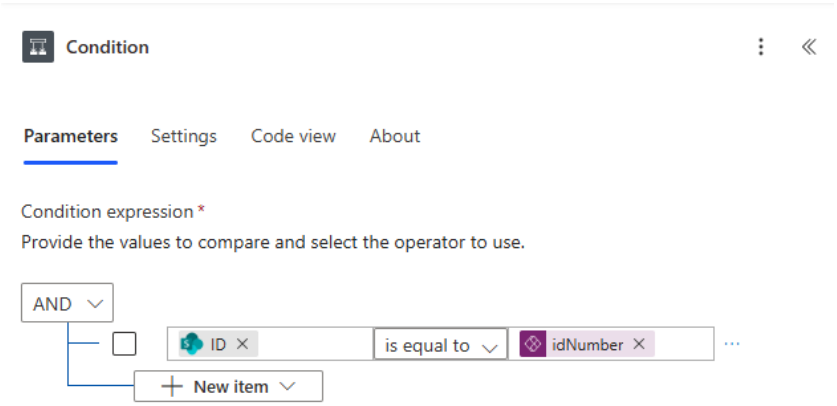


When Power Apps calls a flow (V2)

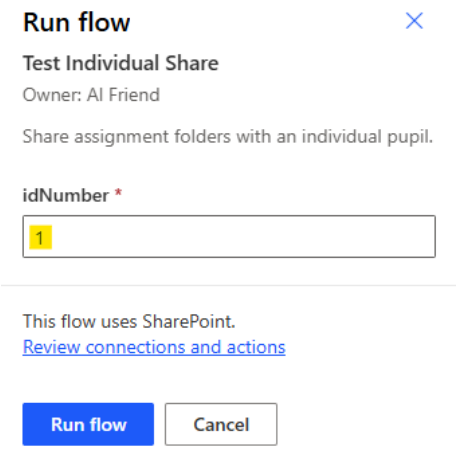
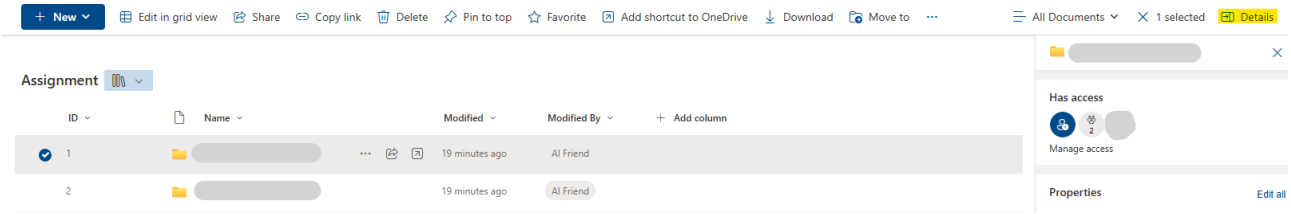
Add an input of type *Number*.



Condition



Run the Flow



Check the result.