

P01: Enable file upload for subgrid components

Wednesday, 22 January 2025 10:12 AM

Context

Item	Detail
Tag	Vertical Development Power Apps DevOps
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Version Control	1.0 - Enable file upload via notes option
Application Use Case	- 3D matrix questions that requires file upload option - Checking in solution to repository for version control
Reference Usage	- DFSA INC02 3D Matrix Questions

Story Behind The Pattern

Item	Detail
The Problem	Scenario 1: <ul style="list-style-type: none">Field with file attachment types isn't visible unless a record is createdThis is an issue when the user is creating a record in 3d matrix in the create basic formThe user needs to create the records first and then edit it to be able to upload fileOr the upload file is excluded from the 3D matrix
The Solution	- To utilise the note options from the basic form meta data - Use the note meta data to upload files
Dependencies	N/A

The Pattern

1. Enable attachments for the table in Microsoft Dataverse.
2. Add timeline component to the basic form
3. Configure table permissions for the notes (annotations) table.
4. Configure the note Meta data in basic form

IMPORTANT NOTE:
Sequence is important!!

Enable attachment for the table:

- Go to make.powerapps.com
- Select the 3D matrix (subgrid table)
- Go to table properties
- Select Enable Attachment from the option below

Edit table ✕

Use tables to hold and organize your data. Previously called entities
[Learn more](#)

Properties Primary column

Display name *

Plural name *

Description

☒ Enable attachments (including notes and files) ¹

[Advanced options](#) ^

Save **Cancel**

- Save and sync

Add timeline component to the basic form

New Authorised_Individual_AICIQ96
 Authorised_Individual_AICIQ96

General Related ▾

Date of Award ---

Full name of Institute ---

Full name of qualification ---

Timeline

Configure the note meta data

- Go to the subgrid basic form
- Go to basic form meta data
- Add new meta data, type Notes
- Ensure the notes options are filled as following, specially the highlighted ones:

New Basic Form Metadata - Unsaved

General

Basic Form * AICIQ96 Education and Professional Update ✕

Type * Notes ▾

Create Enabled ☒

Create Dialog Options ▶

Edit Enabled ☐

Edit Dialog Options ▶

Delete Enabled ☐

Delete Dialog Options ▶

File Attachment Location

Accept MIME Type(s)

Restrict MIME Types ☒

Maximum File Size (in KB)

- Save and close
- On the basic form additional Settings enable the following settings:

Add Attach File

Attach File ☒

Attach File Storage Location Note Attachment

Attach File Save Option Notes

Accept MIME Type(s) ---

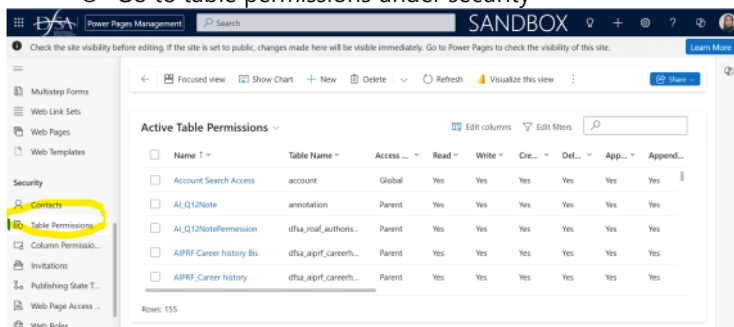
Allow Multiple Files ☒

Label
English (United States) [1033]

Please upload a certificate for the above qualification
You can upload a maximum of 5 files, each up to 5MB.

Configure Table Permissions

- Subgrid table permissions
 - Go to Power Pages Management
 - Go to table permissions under security



- Create the subgrid table permission from the new option
- Fill the following info as following:
 - Name: Mainform_Subgridform
 - Table Name: select the subgrid table from the dropdown list
 - Website: select the active website from the lookup search
 - Access Type: Parent

New Table Permission - Unsaved

General

Name * AI_Qualification

Table Name * dfsa_authorsed_individual_aicq [Authorised_Individual_AICQ20 (dfsa_authorsed_individual_aicq)]

Website * DQ-DFSA-Dev WebSite - dsa [DQ-DFSA-Dev WebSite - dsa]

Access Type * Parent

- Fill the Parent Access Type details as following:
 - Parent Table Permission: the main table that include the main form that has the 3d matrix question
 - Parent relationship: select the column from dropdown list

Parent Access Type

Parent Table Permission * Authorised Individual Form

Parent Relationship * dfsa_Authorised_Individual_dfsa_Auth... [dfsa_Authorised_Individual_dfsa_Authorised_Individual_AICQ]

- Select the privileges options as following: select all

Privileges

Read ☒ Write ☒

Create ☒ Delete ☒

Append ☒ Append To ☒

- Save and sync

- Configure the Note (Annotation) permissions
 - Add new table permission
 - Fill the following info:
 - Name: MainFrom_SubgridFormNotes
 - Table name: select Notes(annotation) from the dropdown list
 - Website: select the target website
 - Access Type: Parent

New Table Permission - Unsaved

General

Name * AI_QualificationNotes

Table Name * annotation Note (annotation)

Website * DQ-DFSA-Div WebSite - dfg

Access Type * Parent

- Fill the Parent Access Type Details as following:
 - Parent table permission: subgrid table
 - Parent relationship: select the item from dropdown list

Parent Access Type

Parent Table Permission * DQ-DFSA-Div WebSite - dfg

Parent Relationship * dfg_authored_individual_person_Annotations dfg_authored_individual_person_Annotations

- Select the privileges as following: select all

Privileges

Read	<input checked="" type="checkbox"/>	Write	<input checked="" type="checkbox"/>
Create	<input checked="" type="checkbox"/>	Delete	<input checked="" type="checkbox"/>
Append	<input checked="" type="checkbox"/>	Append To	<input checked="" type="checkbox"/>

- Save and sync

Useful Resources:

- <https://learn.microsoft.com/en-us/power-pages/configure/configure-notes>
- [\[Step by Step Power Apps Portals Tutorial #6 \] - Uploading a File in a Web Form](#)

