Notes on the database supplied with the presentation

Firstly

I am not supplying scripts to create the SharePoint lists as a) it is a bit of overkill b) you might need the practice 😊

Notes

The database supplied with this PowerApps example has the linked SharePoint lists converted into local tables, as you will not have permissions to the SharePoint lists in my Office 365 tenant 😊

To create your own copy of the PowerApp, you will need to create the lists (PowerApps will not connect to Access tables).

Note, as the SharePoint lists were converted to local tables – many of the columns in those tables are the default ones automatically created by SharePoint (you will see them in any connected list) – so the work is less than you might think.   The following notes apply to the Person Status table but having done that one you should be able to apply the same logic to the others.

Final word of warning SharePoint List column names are CAPS SENSITIVE (think Unix), so make sure you use the same case as in my tables.

SharePoint PersonStatus list looks like this

PersonStatus

Title ⌄	LocationStatus ⌄	Location ⌄	+ Add column ⌄
WFH	Off Site	WFH	
1st Hosp	On Site	1st Hosp	
2nd Hosp	On Site	2nd Hosp	
Other	Unknown	Other	
Leave	Off Site	Leave	
Isolated	Unknown	Isolated	

As you can see the only columns with data that are used in the app are:

- Title
- LocationStatus
- Location (which is a repeat of data in Title).

The table definition in Access looks like this:

I have marked the list's visible columns with the red boxes. These are the only columns you need to create and use in your list (and Title is already there)

So, you can see that all the other columns come "free" with a SharePoint list.

Steps to create the Access app against your lists are:

- I recommend creating a new SharePoint Site for your development (it can be a security container/boundary)
- Create the three lists in your SharePoint site
- Note the URL for the Site Contents (it will be of the form: <YourOfficeSharePointURL>/sites/<YourSharePointSitename>/_layouts/15/viewlsts.aspx?view=14
- Rename the three internal tables in the Access app to something else
- Link the Access app to those three lists (you link using the Site Contents URL as above).
- Then your access app will run against those lists.

Creating the app

Steps to create the PowerApp app against your lists are:

Either:

Create the app following my presentation video 😊

Or:

- Go to your PowerApps page in Office 365
- Select Import Canvas App from the top of the page
- Click upload and navigate to the supplied ZIP file
- You will get a screen like this:

- Click on the spanner if you want to rename the app
- Click on import
- Wait
- Force a full refresh on the App list in PowerApps, and DevCon 2020 Sample App should be listed
- When you "play" it you will be asked to connect to a SharePoint, Office 365 users and Office 365 Outlook
  - You will need to allow this
  - You will need to change the SharePoint Connection to your environment.
- If you have setup the lists correctly, all shall be well.
- If you "Edit" the app instead – you get the change to manually change the SharePoint connections from Data Connections on the left-hand side (the old-fashioned disk drive icon).

If this does not work, get it touch, and if I can, I will help.