# Power Apps Hands-on Lab

Module 1

Building Basic Model-driven Common Data Service Application for Deployment Using Azure DevOps

Last Updated: February 15, 2023

Authors: Per Mikkelsen, Shan McArthur, Evan Chaki

![PowerApps]

In this lab you will be creating a basic model-driven Microsoft Dataverse application to use with module 2 of the lab to automate the Application Lifecycle Management (ALM) of the application.

1. Navigate to make.powerapps.com and sign in with your credentials. Click the environment selector dropdown in the header and select your development environment.
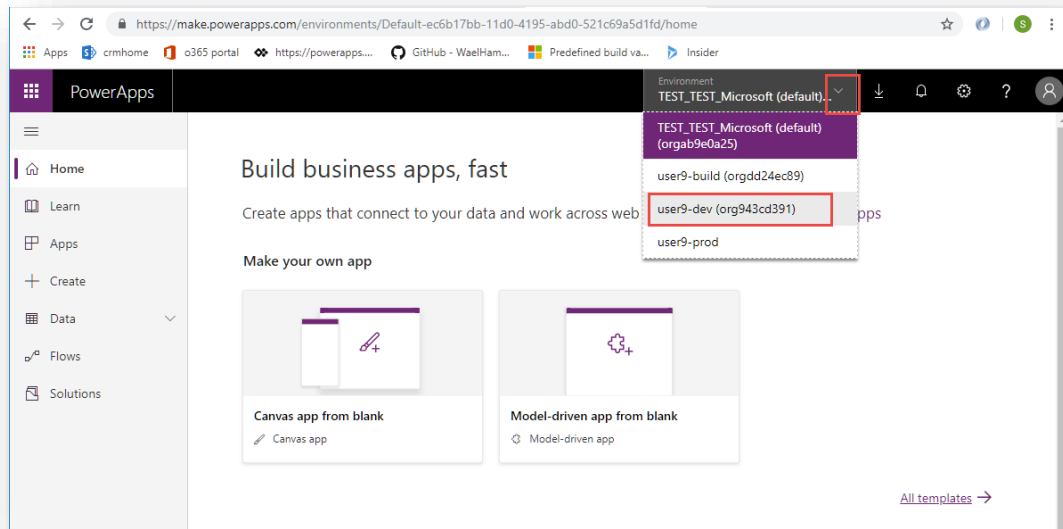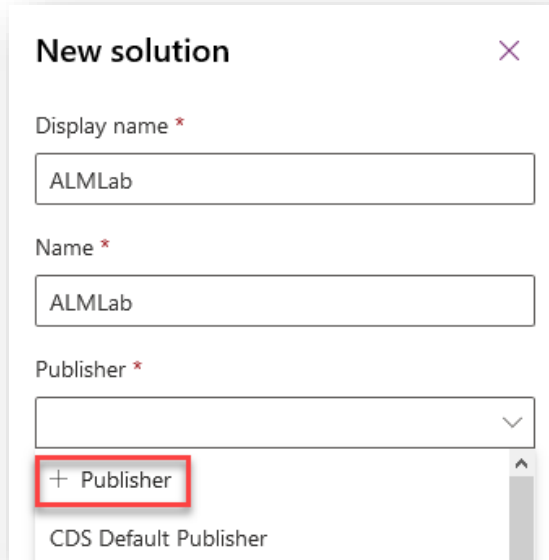

2. Click the **Solutions** area in the left navigation then click the **New solution** button to create a new solution.
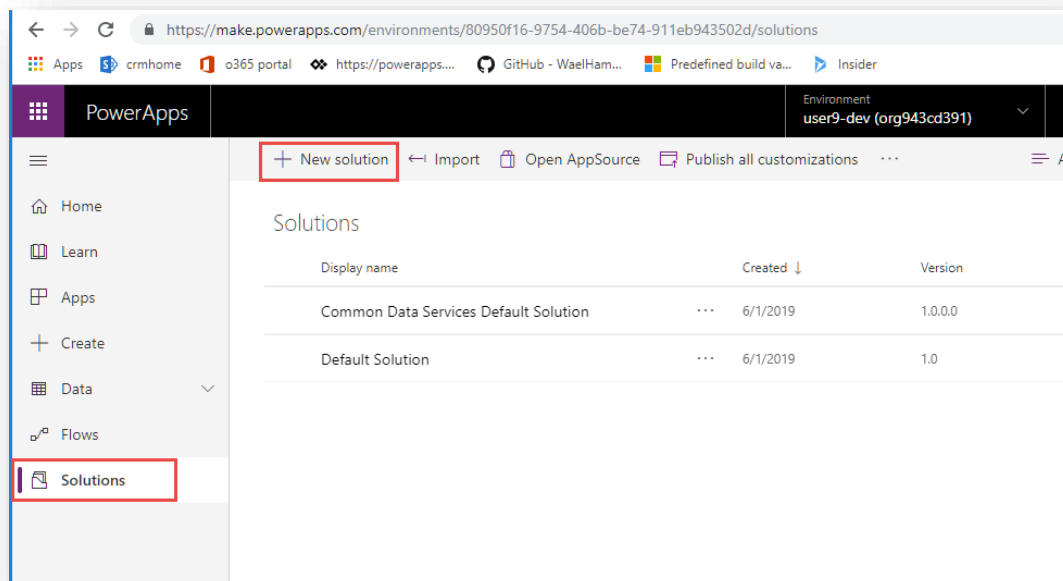
3. In the side panel that appears, enter a name for the application and click the dropdown for the publisher, and then click the **+ Publisher** option
Note: The solution publisher specifies who developed the app, so you should always create a solution publisher name that is meaningful. Furthermore, the solution publisher includes a prefix, which helps you distinguish system components or components introduced by others and is also a mechanism to help avoid naming collisions. This allows for solutions from different publishers to be installed in an environment with minimal conflicts.
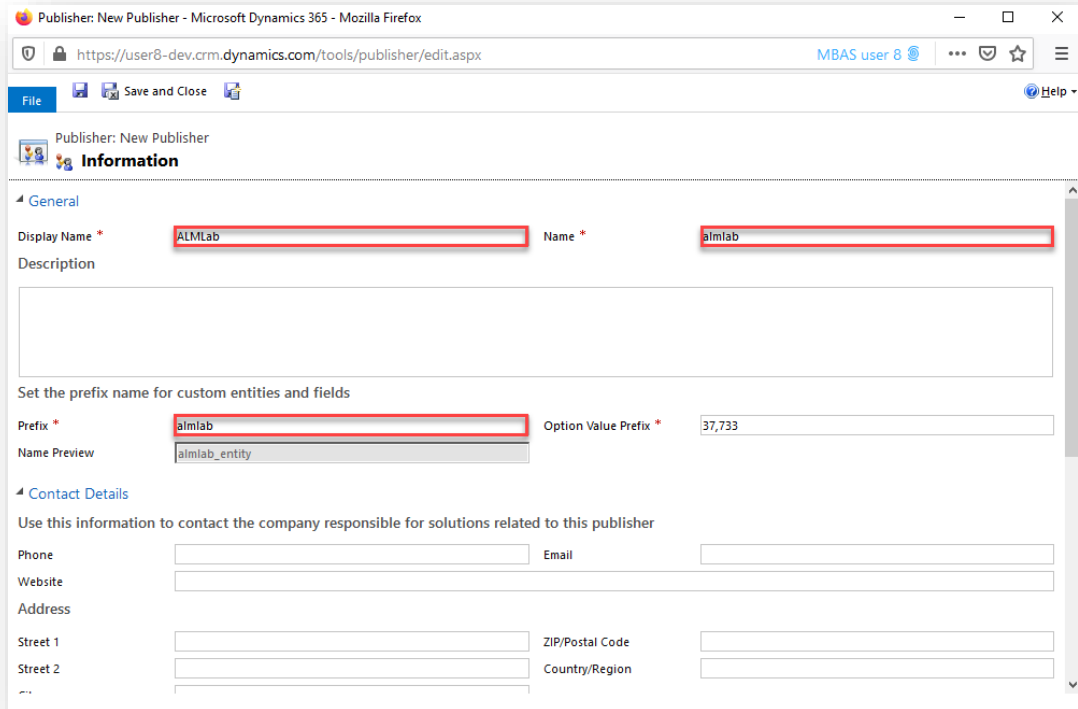
4. A new window will pop up. If a window does not pop up, check your popup blocker settings.
   For the purposes of this lab, enter ALMLab for the display name, name, and prefix and click Save
   and Close.

PowerApps
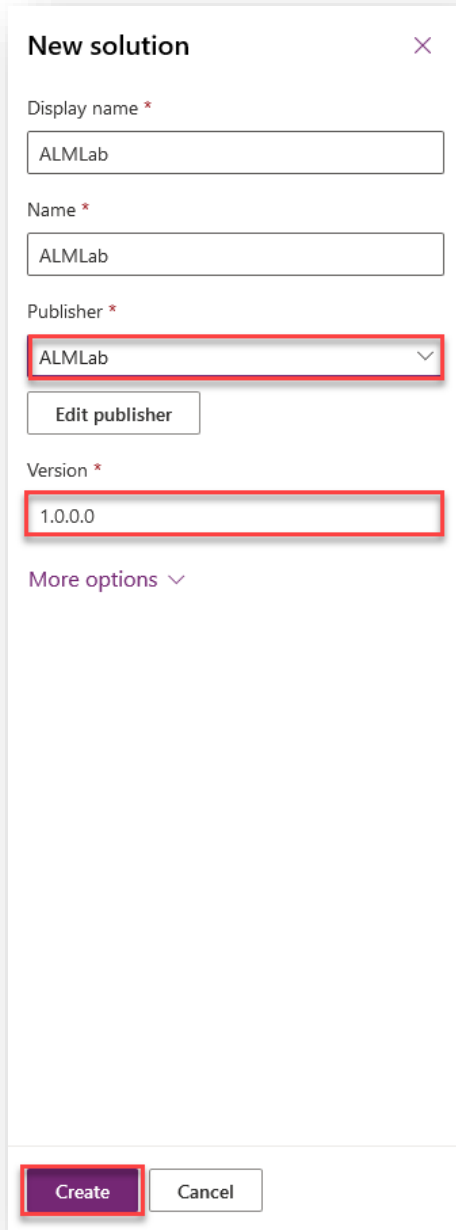
5. On the new solution panel, select the publisher that you just created, give the application a version number, and click **Create** to create a new unmanaged solution in the environment.

New solution   ✕

Display name *

ALMLab

Name *

ALMLab

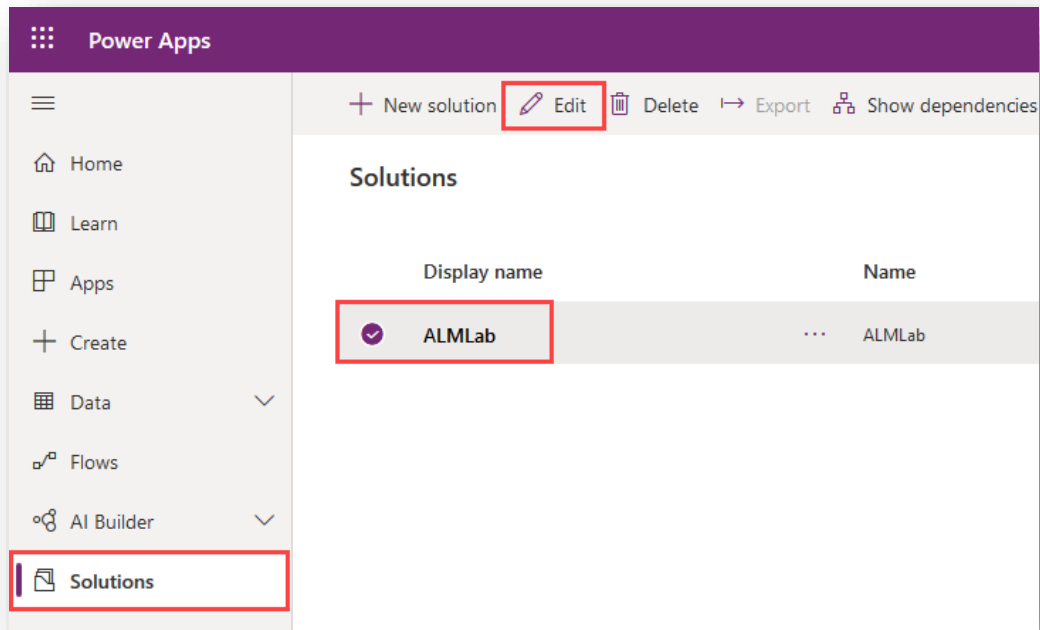Publisher *

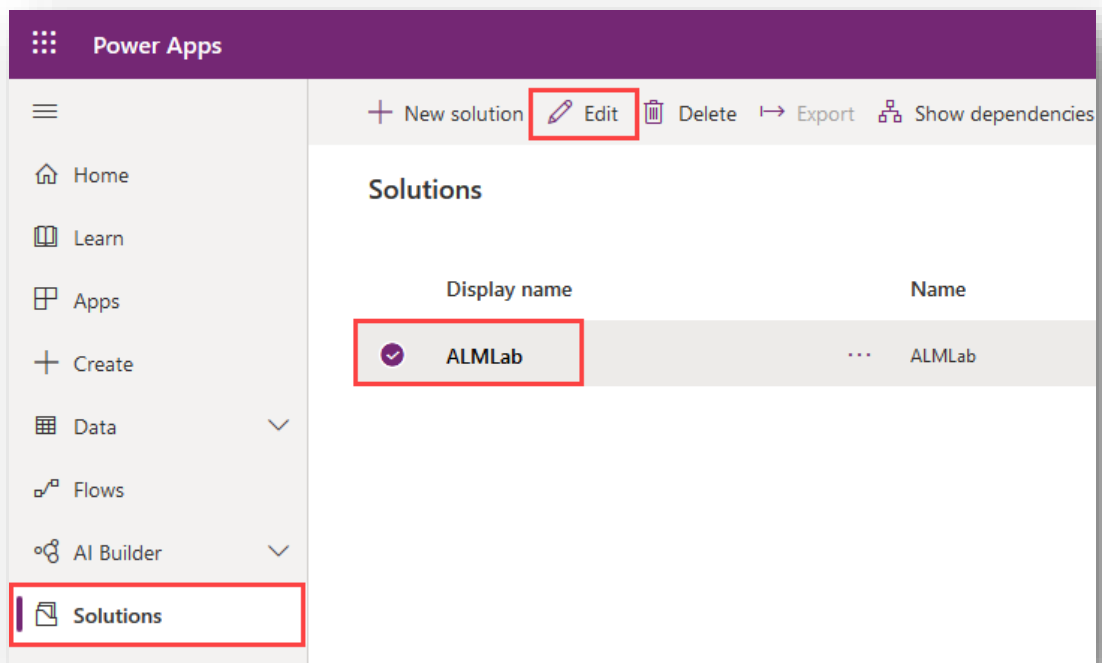ALMLab   ⌄

Edit publisher

Version *
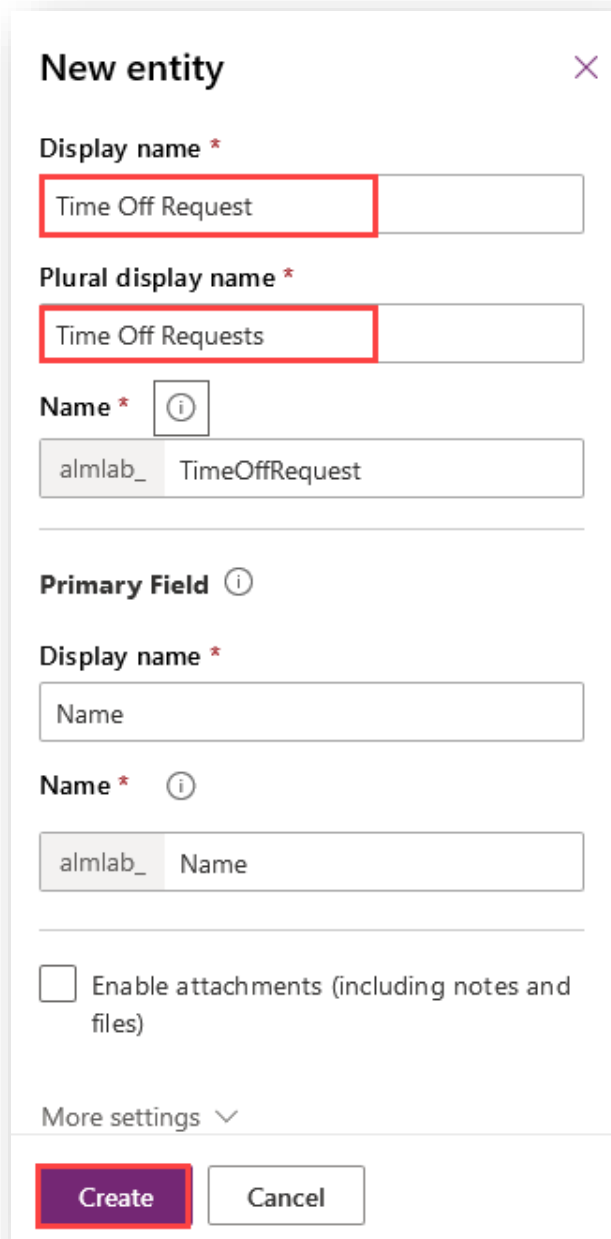
1.0.0.0

More options ⌄

Create   Cancel

6. In the solutions list, select the solution you just created and click the **Edit** button.

7. Your new solution will be empty, and you need to add components to it. In this lab we will create a custom entity. Click the **New** dropdown from the top navigation and select **Entity**.

8. Enter a display name and plural name. The system will fill out the entity name and other fields for you. Click **Create** to create the entity.
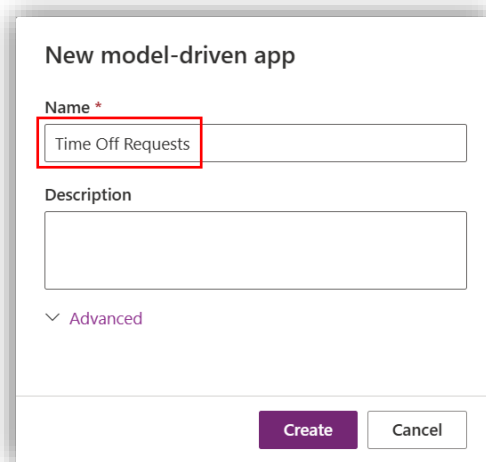

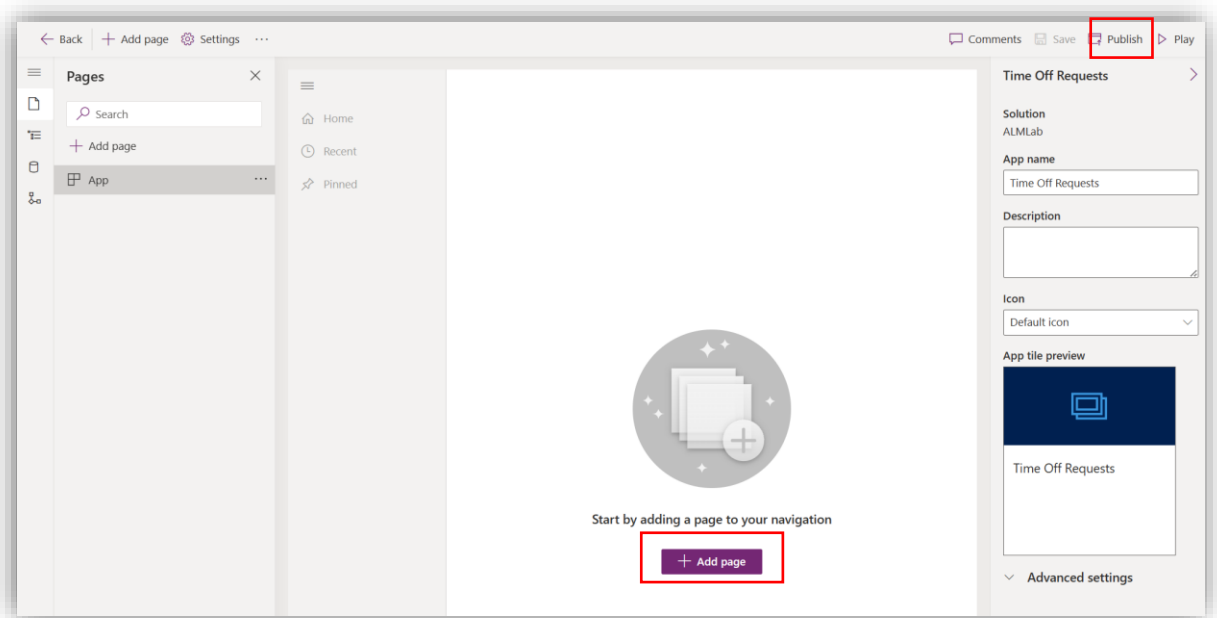9. Once your entity is created, click the solution name again to go back to the solution view to add another component

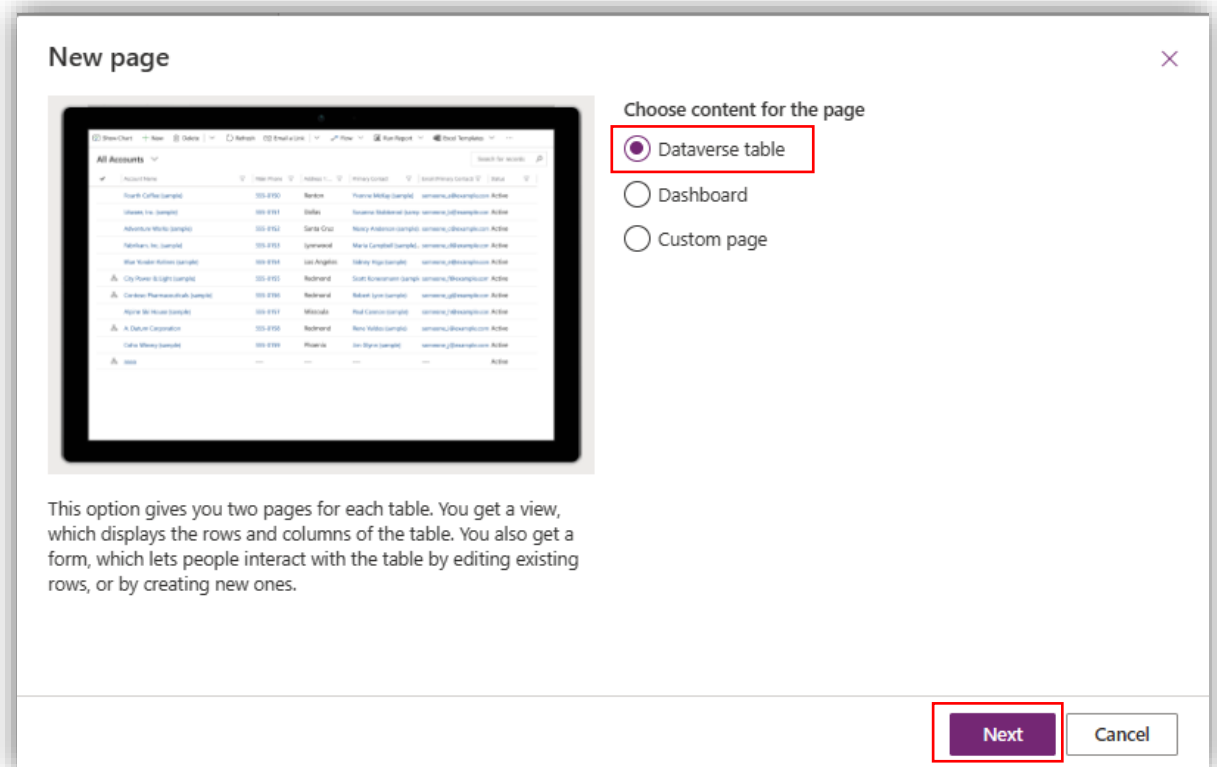10. Click the **New** dropdown, then **App**, and **Model-driven app**.
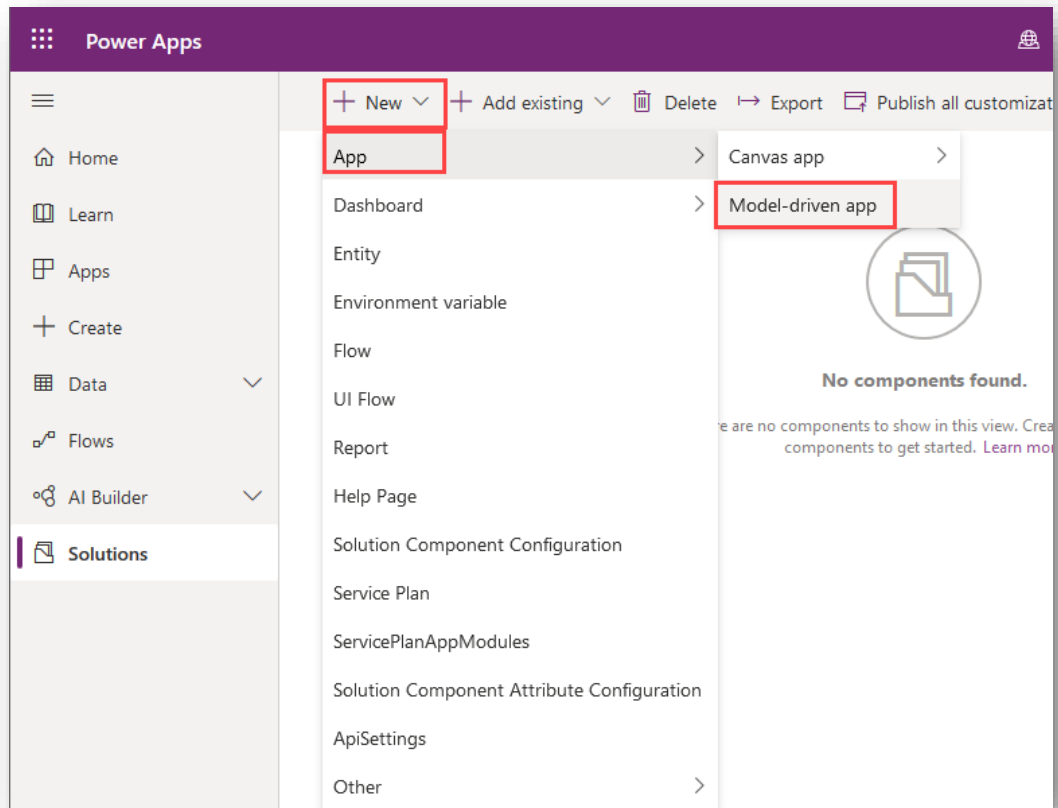
11. Enter an application name and click the **Create** button.
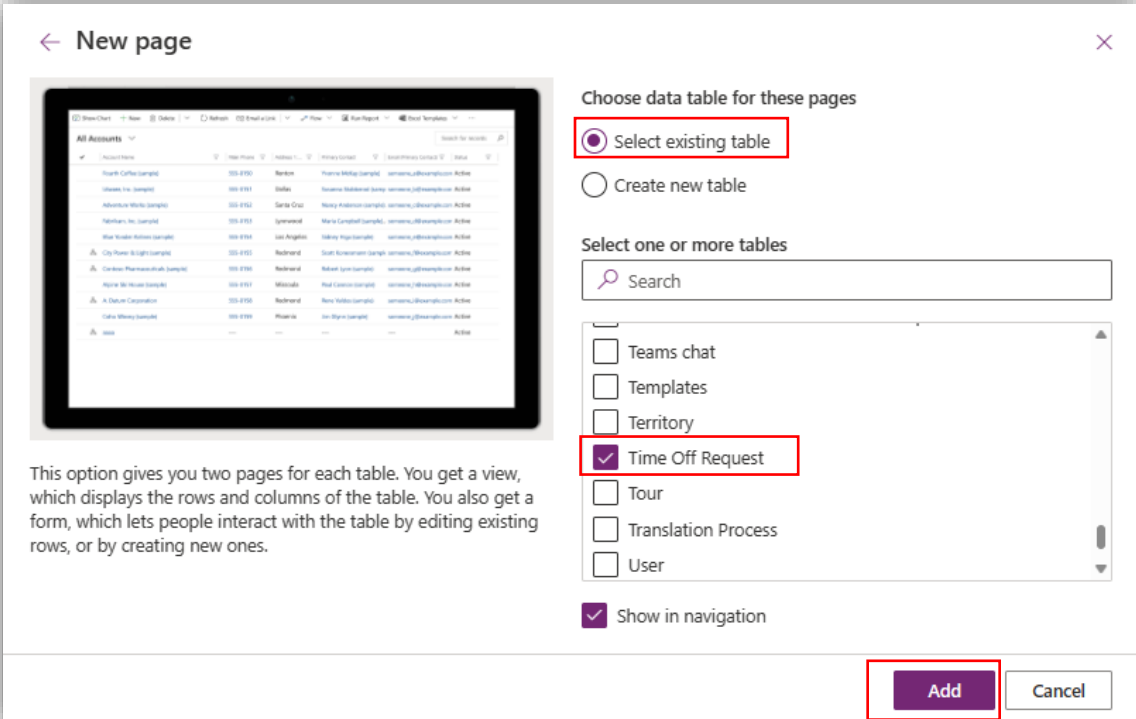
12. Click **Publish** the click **+ Add page**.

13. Select a Dataverse table and click **Next**.

14. Select an existing table and **Time Off Request** from the tables below. Click **Add**.
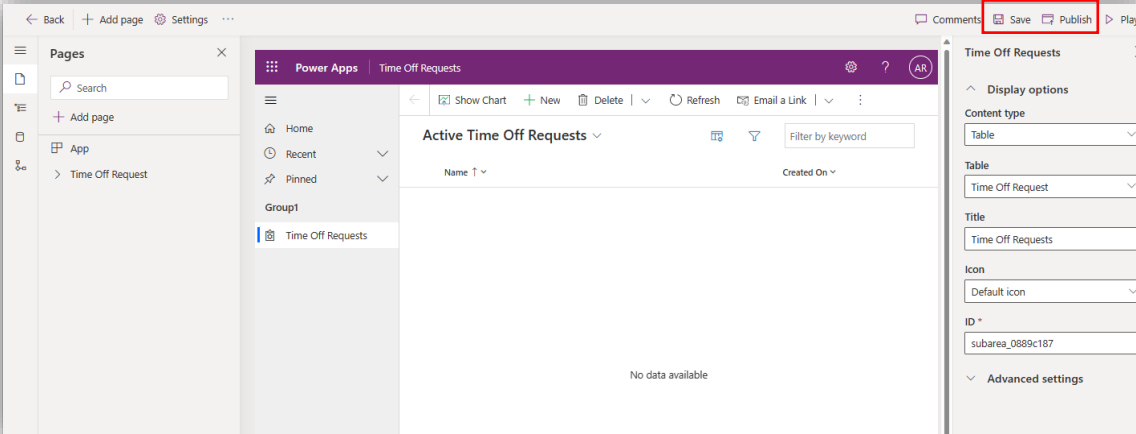
15. Click **Save** and then click **Publish**.

![PowerApps logo]

16. Click **Play**. When you get a pop-up, click **Publish** and **Play**. This will take you to the application so that you can see how it looks. You can use the application and close the tab when you are satisfied.