

# Microsoft Vaccination Management **in a Day**

## Lab 04: Frontline Worker App

Step-by-Step Lab

April 2021

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# Overview

## Prerequisites

**Note:** *If you are in an official training, the environment has been set up and provided to you.*

This is the **fourth** lab in a series covering Microsoft Vaccination Management (MVM). These labs follow a sequence of presentations covering an overview of Microsoft Vaccination Management, Solution Center installation, and the accompanying Data model. Before beginning this lab, confirm that you have provisioned an environment with the necessary components installed as described in following links:

- [MVM Licensing](#)
- [Deploy MVM](#)

You must also have completed all previous labs:

- **Lab 01: System Configuration**
- **Lab 02: Data Setup**
- **Lab 03: Registration and Booking**

## Before you Begin

**Note:** *If you're in an official training the user credentials and environment name have been provided to you.*

1. You must be connected to the internet.
2. Open an internet browser in either In-Private or Incognito mode.
3. Navigate to [Power Apps](#) and sign-in with your user credentials.

Select the correct environment from the upper-right Environment drop down.



## Recommended Resources

The following resources provide a full understanding of Microsoft Vaccination Management and its components and are helpful general resources:

- [MVM Homepage](#)
- [MVM MS Docs](#)

The following additional resources may be helpful throughout the course of the lab:

- [Use the Frontline worker app](#)

## Background and Capabilities

Microsoft Vaccination Management's Frontline worker app is used by workers at vaccination sites to distribute and administer vaccinations safely and effectively. With the Frontline worker app, these critical workers have the information they need to check in patients who have registered and booked an appointment, with the option to use touch-free QR code scanning. The app lets the vaccinator manage the details of the vaccine, including the dose number and vaccine batch.

## Users and Scenarios

This lab covers the following Microsoft Vaccination Management user experiences and scenarios:

Frontline Volunteers and Frontline Nurses who are looking to:

- Check-in residents by scanning a QR code
- Check-in residents by manually looking them up
- Administer and record vaccinations

System Administrators who are looking to:

- Create new columns in Dataverse tables
- Add new fields to the Frontline Worker App

## Goals

After this lesson you will be able to do the following:



- Learn how a vaccination site frontline worker can check in a resident by scanning a QR code.
- Learn how a vaccination site frontline worker can manually look-up and check-in a resident.
- Understand how to record health and vaccination details in the Frontline Worker App
- Discover how to configure the Frontline Worker App to surface and record additional columns in data tables for reporting purposes.



The estimated time to complete this lab is **60** minutes.

# Exercise 1: Check-in a Resident

The Microsoft Vaccination Management Frontline worker app is a Power Apps canvas application designed for those who need to be on their feet. Microsoft Power Apps are business applications that are built by dragging and dropping elements onto a canvas, just as you would design a slide in PowerPoint. You can then create Excel-like expressions for specifying logic and working with data. When ready, the app can be shared so that users can run it in a browser, a mobile device, or embedded in places like Microsoft Teams.

The Frontline Worker app address several scenarios for vaccine site workers such as:

- Check-in residents by scanning a QR code
- Check-in residents by manually looking them up
- Administer and record vaccinations

In this exercise, you will use two methods for checking in a resident: one by scanning a QR code, the other by manually looking them up in the Frontline Worker App.

**Note:** To complete this exercise, you must download the [Power Apps mobile app](#) from either the Apple App Store or the Google Play Store.

- For **Apple** devices with iOS, such as an iPhone or iPad, use **App store**
- For **Android** devices, use **Google Play**

The screenshot shows the 'Vaccination hub' interface of the Microsoft Vaccination Management Frontline Worker App. The header bar is dark blue with the 'Contoso Organization' logo on the left and a user profile icon on the right. The main content area has a white background with the title 'Vaccination hub' in blue. Below the title, it says 'Select your vaccination site to check in patients or administer vaccinations.' The date '30 March' and time '11:41 AM' are displayed in the top right. The interface features two dropdown menus: 'Select Site Location' with 'Lamna - Redmond' selected, and 'Select Vaccinator' with 'Allen Contoso' selected. A blue 'Next' button is positioned below the second dropdown. The background of the app is a blue gradient with a large circular illustration of three diverse people (a woman, a man, and a woman in a lab coat) waving. At the bottom, a white text box contains the message: 'Our commitment to safe, effective, care that always puts you first.'

Contoso Organization

Home

Check In

Vaccine Queue

Advanced Search

First name

Last name

Email

Back

Refresh

Search results

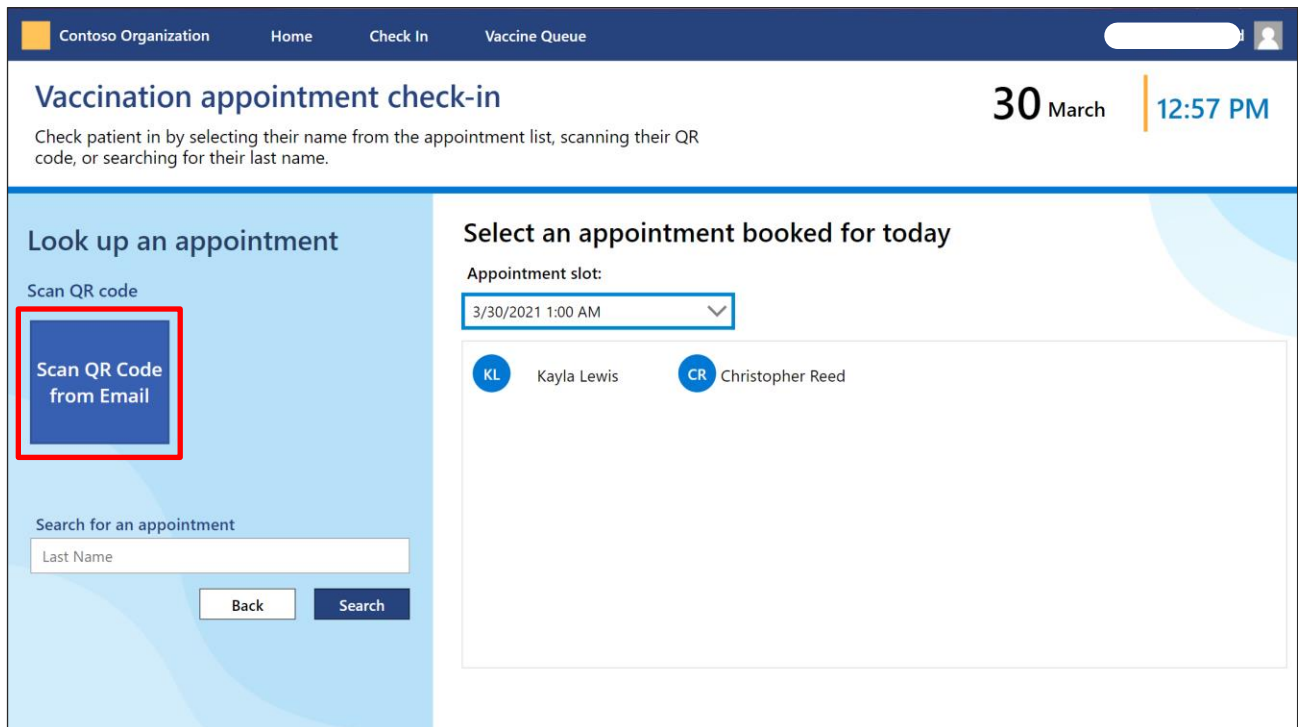
30 March 12:23 PM

| Name                           | Date of Birth | Slot Date | Slot Time | Site            |
|--------------------------------|---------------|-----------|-----------|-----------------|
| <div>KL</div> Kayla Lewis      | 1/1/1978      | 3/30/2021 | 1:00 AM   | Lamna - Redmond |
| <div>CR</div> Christopher Reed | 1/1/1978      | 3/30/2021 | 1:00 AM   | Lamna - Redmond |
| <div>MB</div> Madison Butler   | 1/1/1978      | 3/30/2021 | 7:30 AM   | Lamna - Redmond |

## Task 1: Check in a Resident with a QR Code

In this task, you will check-in one of the residents that you registered and booked in the previous lab. You will use a QR code to check in the resident with the Frontline Worker App on your mobile device.

1. On your **mobile device**, open the **Power Apps** app that you downloaded from either the Apple App Store or the Google Play Store.
2. Log in using the credentials supplied in the training for your user.
3. Find and open the **Frontline Worker App**.
4. On your PC or Mac, open the email confirmation that you received after registering and booking **Madison Butler** in the previous lab and scroll down to the **QR code**.
5. In the Frontline worker App, look up an appointment by clicking the **Scan QR code from Email** button.



Contoso Organization Home Check In Vaccine Queue

## Vaccination appointment check-in

Check patient in by selecting their name from the appointment list, scanning their QR code, or searching for their last name.

30 March 12:57 PM

### Look up an appointment

Scan QR code

Scan QR Code from Email

Search for an appointment

Last Name

Back Search

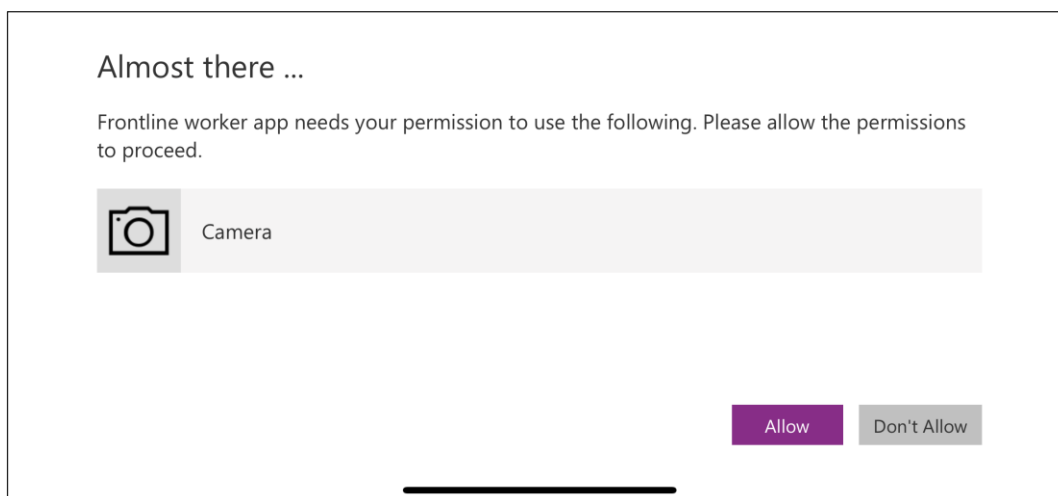
### Select an appointment booked for today

Appointment slot:

3/30/2021 1:00 AM

KL Kayla Lewis CR Christopher Reed

**Note:** You will need to grant the Frontline worker app permission to use the camera on your mobile device to complete this task.



Almost there ...

Frontline worker app needs your permission to use the following. Please allow the permissions to proceed.

Camera

Allow Don't Allow

- At this point you can add the resident to the Vaccine Queue or have them proceed directly to a vaccination booth. In this instance, we will add the resident to the Vaccine Queue.

**Confirm patient's information**

When you finish, you can add them to the vaccination queue or vaccinate now.

**Madison Butler** [Edit profile](#)

**APPOINTMENT DETAILS**  
 Tuesday, March 30, 2021  
**07:30 AM - 08:00 AM**  
 Lamna - Redmond  
 Registration No. APPT-J9J2K1-000001002

**BASIC INFORMATION**

First Name: Madison, Last Name: Butler, Middle Name: , Email: mbutler@fakeemail.com, Gender: , Birthday: 1/1/1978, Street 1: 123 23rd Street, Street 2: , Street 3: , City: Redmond, State / Province: , Zip/Postal Code: 98052

Front Line Worker? No, Essential Worker? No, Is Health Worker? Yes, Group Home? No

Have you received your first vaccine dose? No

[Back](#) [Add to Vaccine Queue](#) [Vaccinate now](#)

7. Stop here. You will record the vaccination details for this resident in the next exercise.

## Task 2: Check in a Resident by manually looking them up

In this task, you will check-in another one of the residents that you registered and booked in the previous lab. To accomplish this task, you will look up the resident with the Frontline Worker App in your internet browser.

1. Navigate to [Power Apps](#) (recommend Incognito or InPrivate session).
2. Log in using the credentials supplied in the training for your user.
3. Select the correct environment from the upper right **Environment** drop down.



4. Select **Apps** on the left navigation bar.
5. Find the Frontline Worker App and click on the app name.

| Apps                               |                                 |          |                 |              |
|------------------------------------|---------------------------------|----------|-----------------|--------------|
| Apps Component libraries (preview) |                                 |          |                 |              |
|                                    | Name                            | Modified | Owner           | Type         |
|                                    | Registration and booking portal | 1 d ago  | Colin Vermander | Portal       |
|                                    | <b>Frontline worker app</b>     | 1 d ago  | Colin Vermander | Canvas       |
|                                    | Vaccination site management app | 1 d ago  | Colin Vermander | Model-driven |
|                                    | Portal Management               | 2 wk ago | Colin Vermander | Model-driven |
|                                    | Solution Health Hub             | 2 wk ago | SYSTEM          | Model-driven |

6. Select your **Vaccinator** and click **Next**.



The screenshot shows the 'Vaccination hub' interface. At the top, it says 'Contoso Organization' and '30 March 11:41 AM'. Below the header, there's a section titled 'Vaccination hub' with the instruction 'Select your vaccination site to check in patients or administer vaccinations.' There are two dropdown menus: 'Select Site Location' with 'Lamna - Redmond' selected, and 'Select Vaccinator' with 'Allen Contoso' selected. A red box highlights the 'Select Vaccinator' dropdown. Below these is a 'Next' button. To the right, there's an illustration of three people (two adults and one child) in a circular frame. At the bottom, there's a message: 'Our commitment to safe, effective, care that always puts you first.'

7. Search for the **Christopher Reed** appointment that you created in the previous lab by typing in **the last name** into the "Search for appointment" text box. Click **Search**


The screenshot shows a 'Search for an appointment' form. It has a text input field containing 'Reed'. Below the input field are two buttons: 'Back' and 'Search'. The 'Search' button is highlighted with a red box.

8. At this point you can add the resident to the Vaccine Queue or have them proceed directly to a vaccination booth. In this instance, we will add the resident to the **Vaccine Queue**.

## Confirm patient's information

When you finish, you can add them to the vaccination queue or vaccinate now.

**08** March | **08:14 PM**

**Christopher Reed**  
[Edit profile](#)

**First Name**  
Christopher

**Last Name**  
Reed

**Middle Name**

**Email**  
jbamf@microsoft.com

**Gender**

**Birthday**  
1/1/1978

**Street 1**  
1224 14th St

**Street 2**

**Street 3**

**City**  
Seattle

**State / Province**

**Zip/Postal Code**  
98007

**APPOINTMENT DETAILS**  
Monday, March 8, 2021  
**03:00 PM - 03:30 PM**

**BASIC INFORMATION**  

Front Line Worker? No

Essential Worker No

Is Health Worker Yes

Group Home No

Registration No.  
APPT-B3M5K2-00000137

Contoso - Seattle

Have you received your first vaccine dose?  
No

[Back](#)

[Add to Vaccine Queue](#)

[Vaccinate now](#)

9. Stop here. You will record the vaccination details for this resident in the next exercise.

## Exercise 2: Record Vaccination Details

In this exercise, you will record the vaccination details for the two residents that you checked in in the previous exercise using the Frontline Worker App on your mobile device and in your internet browser.

### Task 1: Record vaccination details in the Frontline Worker App on your mobile device

In this task, you will record the vaccination details for the appointment you scheduled in the previous lab and schedule the resident for their second dose.

1. On your mobile device, open the first appointment in the Frontline Worker App that you found using the QR code.
2. Select **Dose 1**

The screenshot shows the Frontline Worker App interface. At the top, there's a navigation bar with 'Contoso Organization', 'Home', 'Check In', and 'Vaccine Queue'. Below this, the main header says 'Select vaccine dose' with a date '30 March' and time '01:04 PM'. A sub-header reads: 'Once you've selected the patient, select the vaccine dose number that will be administered to the patient.'

The patient information section shows 'Madison Butler' with a date of birth '1/1/1978' and email 'mbutler@fakeemail.com'. Below this is a 'MEDICAL HISTORY' section with a list of conditions and their status:

| Condition                          | Status |
|------------------------------------|--------|
| Have you received your first dose? | No     |
| Cerebrovascular                    | No     |
| Chronic Kidney Disease             | No     |
| COPD                               | No     |
| Cystic Fibrosis                    | No     |
| Heart Condition                    | No     |
| Hypertension                       | No     |
| Increased Risk Factors             | No     |

The 'Select vaccine dose' section asks 'Which dose is the resident receiving today?' and has two buttons: 'Dose 1' (highlighted with a red box) and 'Dose 2'. At the bottom, there is a 'Back to vaccine queue' button.

3. Select either Left Arm or Right Arm as the site for the shot. Select "Injection, intradermal" as the Route. Complete the vaccination and then click Yes.

Contoso Organization

Home

Check In

Vaccine Queue

30 March

01:05 PM

## Scan and administer the vaccine

Once you've confirmed the patient's information, scan the vaccine GTIN code or enter the VIS number and administer the vaccine.

**Madison Butler**  
1/1/1978  
mbutler@fakeemail.com

**MEDICAL HISTORY**  
Have you received your first dose?   
Cerebrovascular   
Chronic Kidney Disease   
COPD   
Cystic Fibrosis   
Down Syndrome   
Heart Condition   
Hypertension

**DOSE 1**

Lot Number

85

Scan GTIN now

\* Vaccine Batch

MPB-C4C5Y0-000001085

\* Site

Left arm

\* Route

Injection, intradermal

\* Dose Number

☒ 1  
☐ 2

\* Vaccinator

Allen Contoso

Back

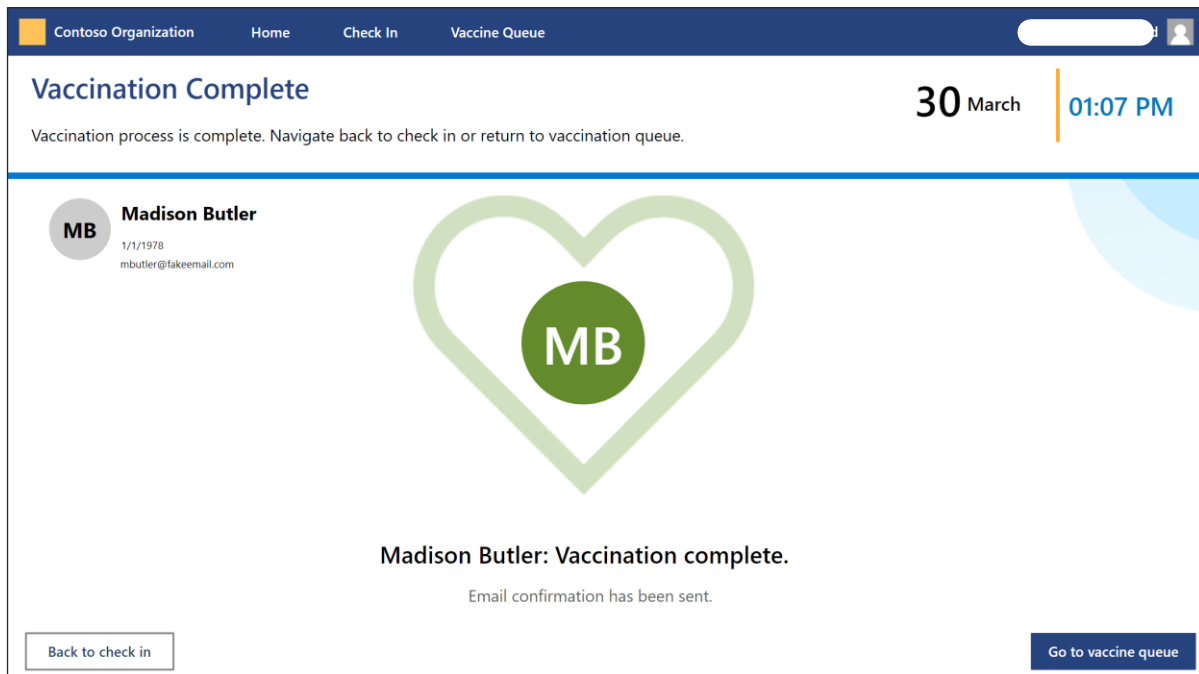
Complete vaccination

Do you want to mark vaccination complete for the selected patient?

Yes

No

- View the completion screen and notice that an email confirmation has been sent to the resident.



**Congratulations!** You completed a vaccination using the Frontline Worker App on a mobile device.

## Task 2: Record vaccination details in the Frontline Worker App in your internet browser

In this task, you will record the vaccination details for Mr. Smith and schedule him for his second dose.

1. In your internet browser, open the other appointment in the Frontline Worker App.
2. Select **Dose 1**

Contoso Organization

Home

Check In

Vaccine Queue

Vaccination MgmtTest

Select vaccine dose

08 March 08:40 PM

Once you've selected the patient, select the vaccine dose number that will be administered to the patient.

**Christopher Reed**  
1/1/1978  
jbamf@microsoft.com

**MEDICAL HISTORY**  
Have you received your first dose? No  
Type 1 Diabetes Mellitus No  
Type 2 Diabetes No  
Weakened Immune System No  
Active Cancer No  
Down Syndrome No  
Liver Disease No  
Sickle Cell Disease No

Select vaccine dose

Which dose is the resident receiving today?

Dose 1

Dose 2

Back to vaccine queue

3. Select either Left Arm or Right Arm as the site for the shot. Select "Injection, intradermal" as the Route. Complete the vaccination and then click Yes.

Contoso Organization

Home

Check In

Vaccine Queue

Vaccination MgmtTest

Scan and administer the vaccine

08 March 08:45 PM

Once you've confirmed the patient's information, scan the vaccine GTIN code or enter the VIS number and administer the vaccine.

**Christopher Reed**  
1/1/1978  
jbamf@microsoft.com

**MEDICAL HISTORY**  
Have you received your first dose? No  
Cerebrovascular No  
Chronic Kidney Disease No  
COPD No  
Cystic Fibrosis No  
Down Syndrome No  
Heart Condition No  
Hypertension No

**DOSE 1**

Lot Number

MPB-V5W7Z3-000001001

Scan GTIN now

\* Vaccine Batch

MPB-V5W7Z3-000001001

\* Site

Left arm

Left arm

Right arm

\* Route

Find items

\* Vaccinator

Jessica Lo

Back

Complete vaccination

Do you want to mark vaccination complete for the selected patient?

4. View the completion screen and notice that an email confirmation has been sent to the resident.


Contoso Organization Home Check In Vaccine Queue Vaccination MgmtTest

## Vaccination Complete

Vaccination process is complete. Navigate back to check in or return to vaccination queue.

08 March 08:49 PM

**CR** Christopher Reed  
1/1/1978  
jbamf@microsoft.com



Christopher Reed: Vaccination complete.  
Email confirmation has been sent.

**Congratulations!** You completed a vaccination using the Frontline Worker App using a web browser.

# Exercise 3: Add a New Question to the Frontline Worker App

In this exercise, you will create a new column in the Immunization table in Dataverse to represent a new question to ask a Resident during their immunization appointment. Then, you will add that new column as a field on the form in the Frontline Worker App.

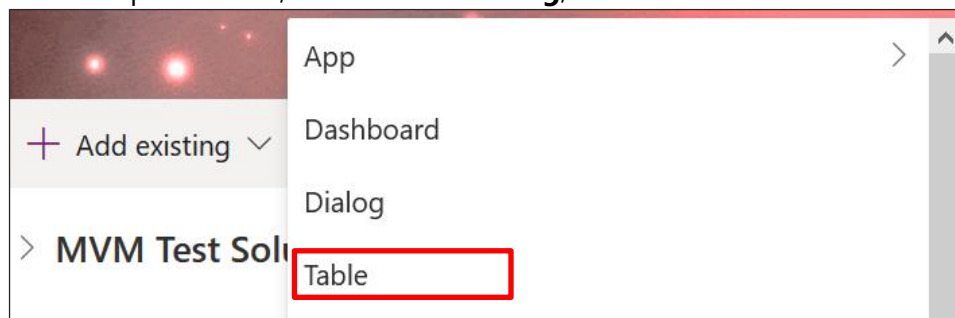
## Task 1: Create a new column in your In a Day Power Apps Solution

In this task, you will create a new column in the Immunization table that will allow a Resident to inform the Frontline Worker what their favorite color is. This information will be tracked and later used for reporting in the Microsoft Vaccination Management Command Center.

1. Navigate to [Power Apps](#) (recommend Incognito or InPrivate session).
2. Log in using the credentials supplied in the training for your user.
3. Select the correct environment from the upper right **Environment** drop down.



4. Select **Solutions** on the left navigation bar.
5. Find the **solution** that you created in **Lab 01** and open it.
6. On the top menu bar, click + **Add Existing**, and then select **Table**.



7. Search for the **Immunization** table, select and then click **Next**.



### Add existing tables

Select tables from other solutions or tables that aren't in solutions yet. Adding tables that aren't already in solutions will also add them to Common Data Service.

1 table selected Table Immun

| Display name                                     | Name                              | Managed... | Owner | Status |
|--|-----------------------------------|------------|-------|--------|
| <input checked="" type="checkbox"/> Immunization | msemr_immunization                | 🔒          | -     | -      |
| Immunization Data Sharing Notification Log       | msemr_iisnotificationlog          | 🔒          | -     | -      |
| Vaccination Document                             | msemr_immunizationdocument        | 🔒          | -     | -      |
| Vaccination Education                            | msemr_immunizationeducation       | 🔒          | -     | -      |
| Vaccination Performer                            | msemr_immunizationperformer       | 🔒          | -     | -      |
| Vaccination Protocol Applied                     | msemr_immunizationprotocolapplied | 🔒          | -     | -      |
| Vaccination Reaction                             | msemr_immunizationreaction        | 🔒          | -     | -      |
| Vaccination Recommendation                       | msemr_immunizationrecommendation  | 🔒          | -     | -      |

Next Cancel

8. Leave the boxes unchecked and click **Add**.

← **Selected tables** ×

Select components to your selected tables.  
1 tables will be added to your project

Immunization  
No components selected  
[Select components](#)

☐ Include all components ☐ Include table metadata ×

**Add** Cancel

9. Select the newly added Immunization table and click Edit.

+ New ▾ + Add existing ▾ + Add subcomponents **Edit** Remove ▾ ...

Solutions > **MVM Test Solution**

| Display name ▾ | Name                   |
|----------------|------------------------|
| Immunization   | ... msemr_immunization |

10. Click + Add Column on the top menu bar.

**+ Add column** + Add subcomponents + Add required components

11. In the pop-out screen, type "**Favorite Color**" for the **Display Name** and leave the rest of the fields as defaults. This Click **Done**

### Favorite Color ✕

**Display name \***

Favorite Color

**Name \*** ⓘ

mvmiad\_ FavoriteColor

**Data type \*** ⓘ

Text

**Required \*** ⓘ

Optional

☒ Searchable ⓘ

---

Calculated or Rollup ⓘ + Add ▾

---

**Description** ⓘ

Favorite color of the resident

---

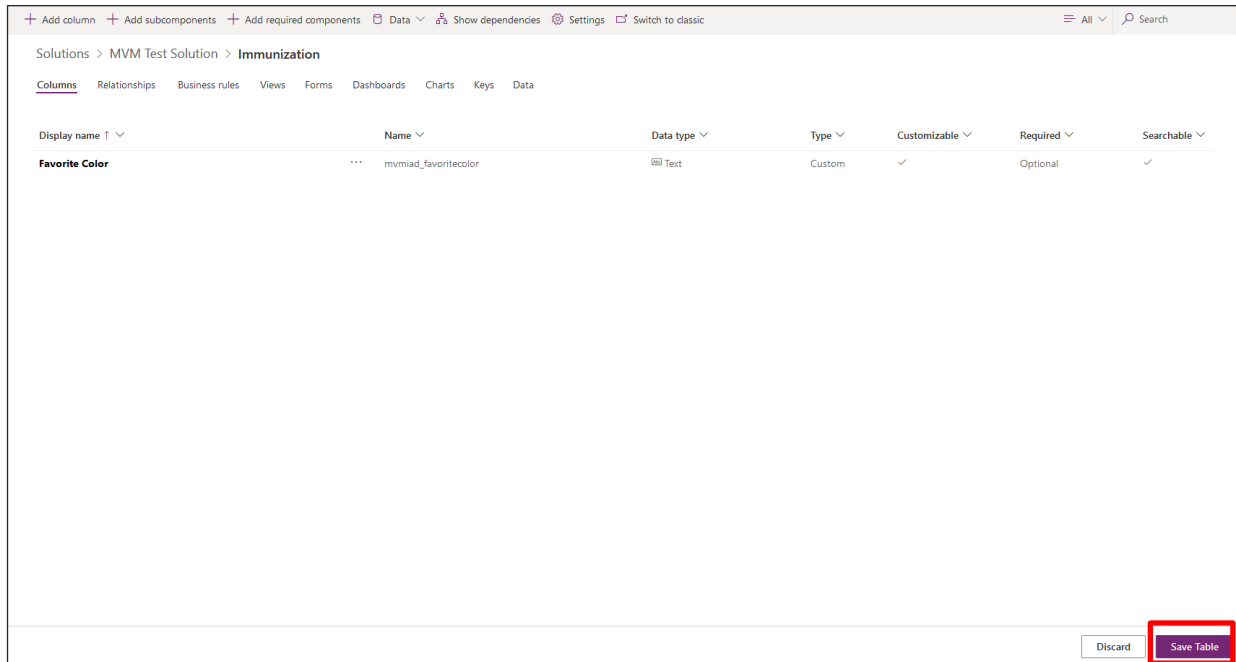
Advanced options ▾

---

Done

Cancel

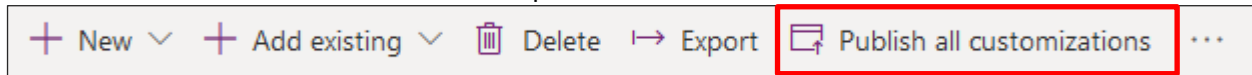
12. Click the Save Table button in the bottom right of the screen.



13. Go back to the solution by clicking the solution name in the breadcrumb.

Solutions > **MVM Test Solution** > Immunization

14. Click Publish all customizations on the top menu bar.



**Congratulations!** You have successfully added a new field to a solution in Dataverse!

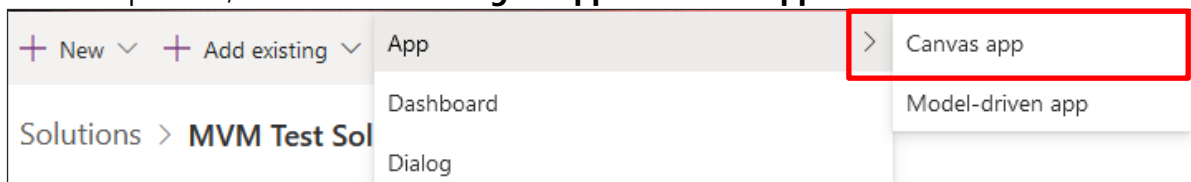
## Task 2: Add the new column as a field in the Frontline Worker App

In this task, you will modify the Frontline Worker App by adding a field to the form. This field will be a new question that vaccination site workers will ask residents during the vaccination process.

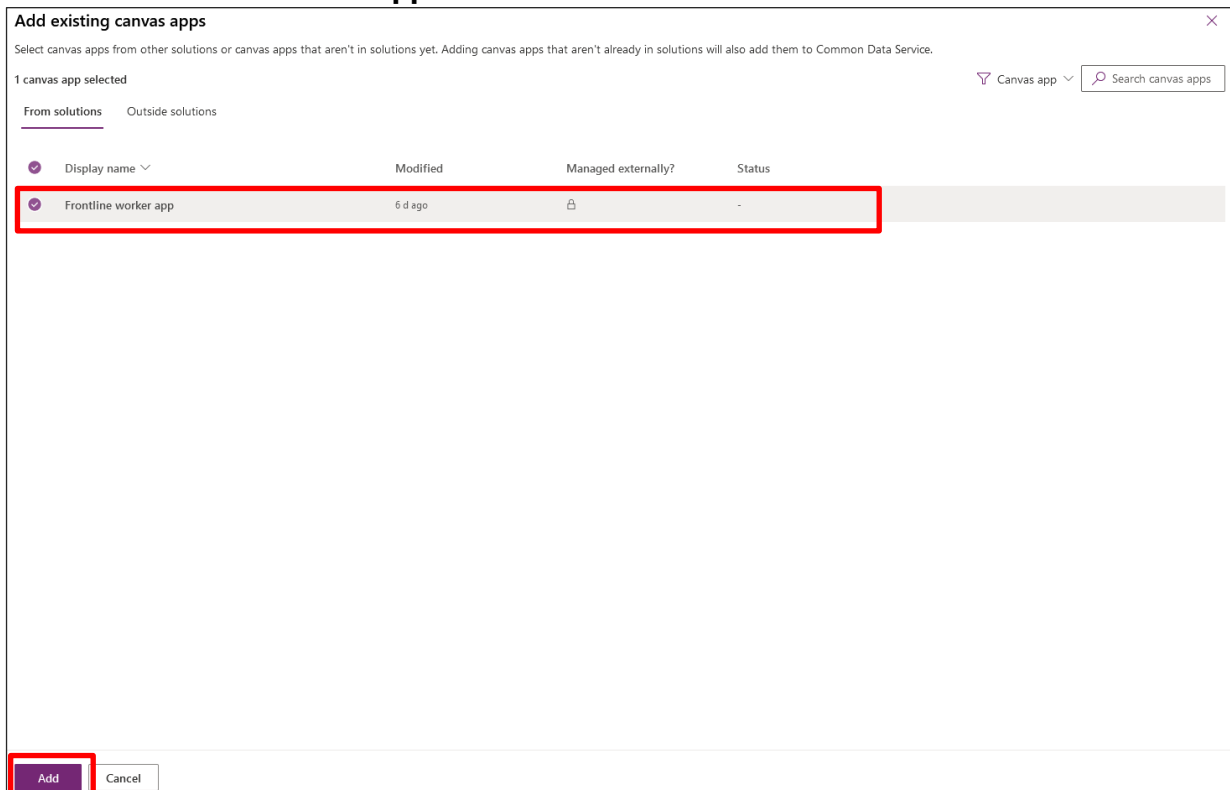
1. Navigate to [Power Apps](#) (recommend Incognito or InPrivate session).
2. Log in using the credentials supplied in the training for your user.
3. Select the correct environment from the upper right **Environment** drop down.



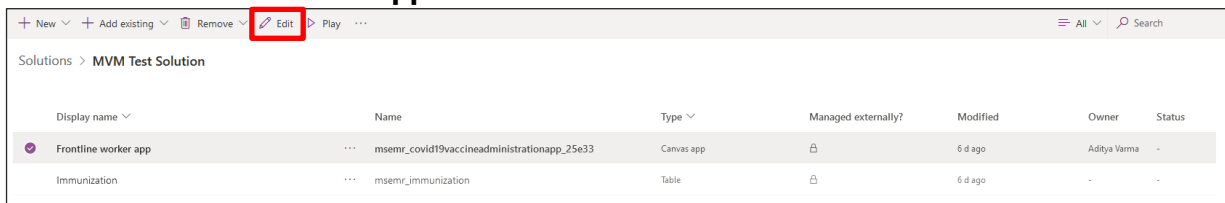
4. Select Solutions on the left navigation bar and select the solution you have created.
5. On the top menu, click **+ Add Existing → App → Canvas App**.



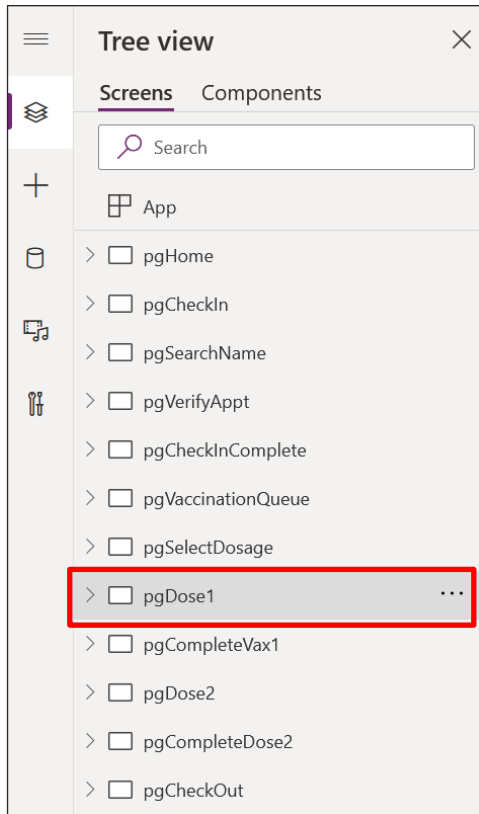
6. Select the **Frontline worker app** and click **Add**.



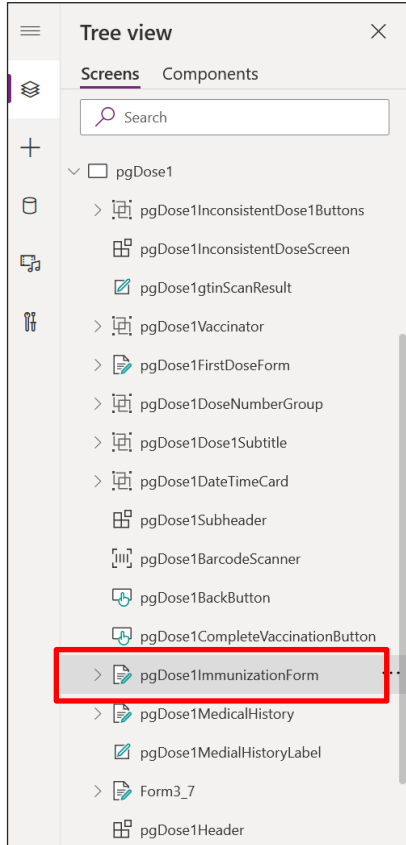
7. Select the **Frontline worker app** and click **Edit**.



8. When the canvas app opens, **click** to expand the **pgDose1** screen.



9. Scroll down and select **pgDose1ImmunizationForm**, then select **Edit fields** on the EDIT menu.



EDIT ? >

pgDose1ImmunizationForm

Properties Advanced

Data source

Immunizations

Fields

Edit fields

Snap to columns

On

Columns

2

Layout

Horizontal

Default mode

New

Visible

On

Position

466 254

X Y

Size

880 199

Width Height

10. Click Add field to add the “Favorite Color” field that you created in the previous task.

Fields

+ Add field

Location (custom)

Lot Number (custom)

Vaccine Batch (custom)

Patient (custom)

Site (custom)

Route (custom)

Appointment (EMR) (custom)

11. **Search** for the “Favorite Color” field, select it, and then click **Add**.

Choose a field

Favorite Color

+ New field

Favorite Color

Add Cancel

12. The Favorite Color field will now be added to the bottom of the data card and will overlap the Dose Number field. Simply select the Dose Number Data card and drag it down lower on the form so that they do not overlap.

**DOSE 1** NOW

Lot Number  Scan GTIN now

\* Vaccine Batch  ▼

\* Site  ▼

\* Route  ▼

\* Vaccinator  ▼

\* Dose Number ☐ 1 ☐ 2

Back Complete vaccination

**DOSE 1** NOW

Lot Number  Scan GTIN now

\* Vaccine Batch  ▼

\* Site  ▼

\* Route  ▼

\* Vaccinator  ▼

Favorite Color

\* Dose Number ☐ 1 ☐ 2

Back Complete vaccination

13. **Select** the Favorite Color **label** and change the font to **Segoe UI 11**, font size to **11**, and color to **black**. Drag the label over to the left so that it **aligns with the other labels** on the form.

Card : Favorite Color  ▼

Favorite Color

\* Dose Number ☐ 1 ☐ 2



The screenshot shows a form titled 'Card : Favorite Color' with a dropdown arrow. Below the title, there is a text input field labeled 'Favorite Color' which is highlighted with a red rectangular box. Below this field, there is a section labeled '\* Dose Number' with two radio button options: '1' (which is selected) and '2'.

Select the **text box** and change the font to **Segoe UI**, font size to **11**, and Height to **35**. Additional configurations can be done as desired.

14. Go to **File** → **Save**.
15. Go to **File** → **Publish** → **Publish this version**.
16. Click **Close**

**Congratulations!** You have successfully added a new field to a form in the Frontline worker app.

### Task 3: Test the new scenario

In this task, you will test the new scenario by checking in and recording the vaccination details of the **third resident** (Kayle Lewis) that you created in Lab 03 in the Frontline Worker App using your internet browser.

1. Navigate to [Power Apps](#) (recommend Incognito or InPrivate session).
2. Log in using the credentials supplied in the training for your user.
3. Select the correct environment from the upper right **Environment** drop down.



4. Select **Apps** on the left navigation bar.
5. Click the **Frontline Worker App**.
6. Go though and check in another resident. Click **Vaccinate now** and select **Dose 1**.
7. You will now see the Favorite Color field added to the form. **Fill out** the various fields and then click **Complete Vaccination**. Mark the vaccination complete for the selected patient by click **Yes**.

**DOSE 1** NOW

Lot Number

\* Vaccine Batch

\* Site

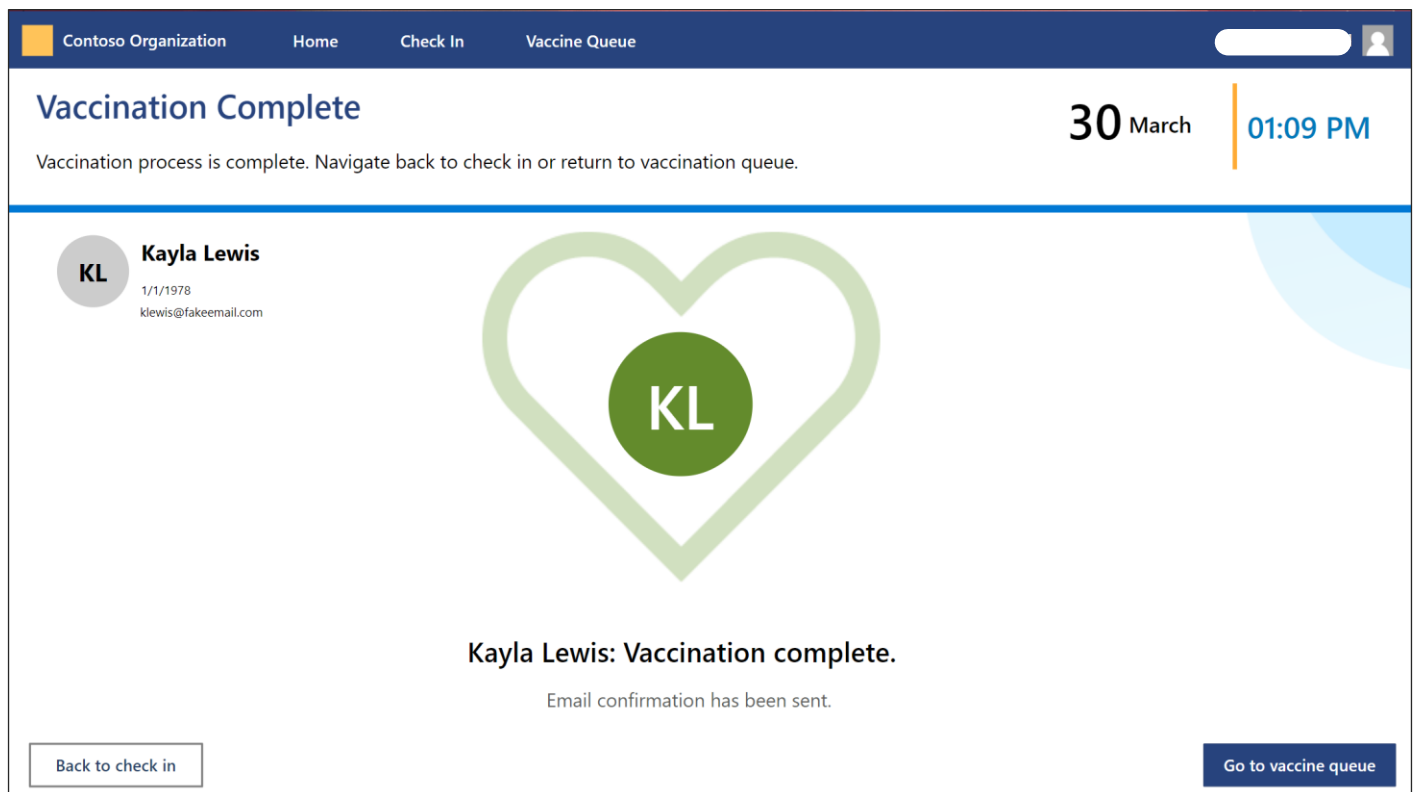
\* Route

**Favorite Color**

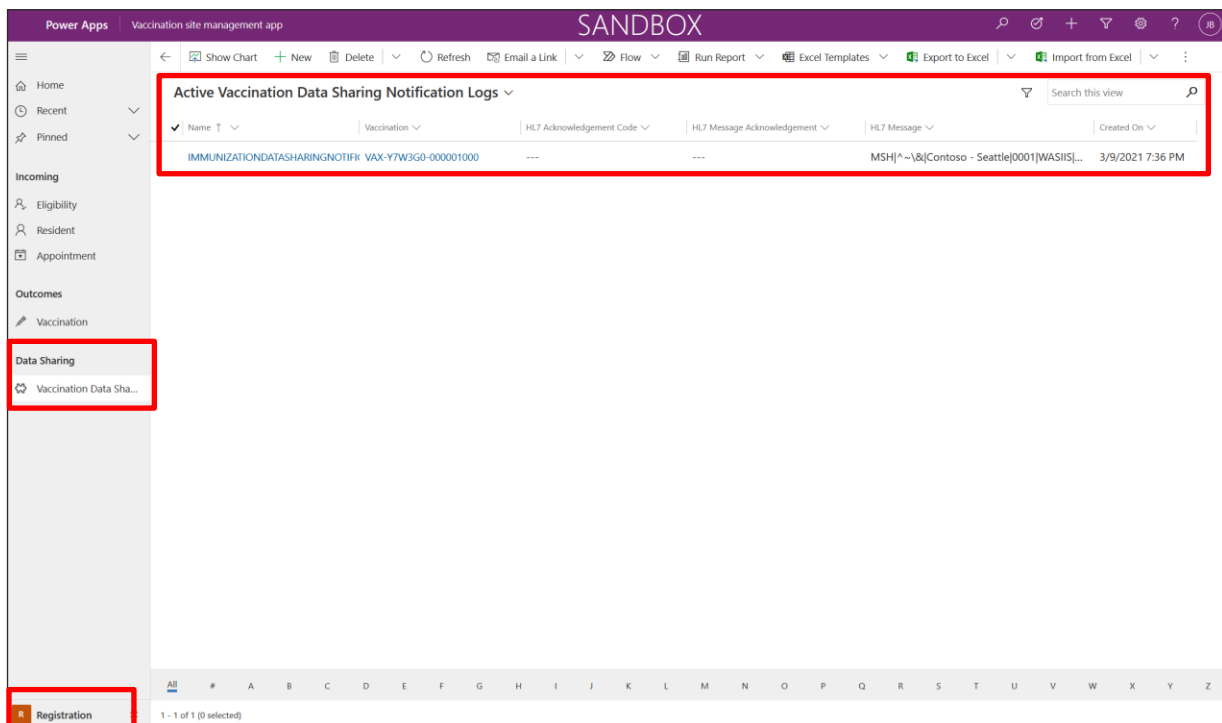
\* Vaccinator

\* Dose Number ☒ 1 ☐ 2

Do you want to mark vaccination complete for the selected patient?



8. Navigate back to the Vaccination Site Management app and go to Registration. Under Data Sharing, you will find a Vaccination Data Sharing Notification Log for each of the residents that you vaccinated.



**Important Note:** The **HL7 message** generation is triggered after the vaccination shot is administered and the vaccinators select **Complete vaccination** in the **Frontline worker app**. This

*creates a vaccination record in Dataverse that can be viewed in the **Vaccination site management app** under **Vaccination**. After the business logic to associate vaccination documents is complete, the **Completed** flag on the vaccination record is set. This will trigger the message generation plug-in. Each message generation will create a record in Vaccination Data Sharing Notification Log.*

*After the message is generated successfully, a **Vaccination Data Sharing Notification Log** is created for the vaccination. This will trigger the plug-in to send the **HL7 message** to the state agencies immunization system. The response from the immunization system will be stored in the same record. The message generation can also be triggered by setting **the Generate HL7 flag** on the **vaccination** record in the **Vaccination site management app** under Vaccination. This will allow the administrator, in case of errors when sending the data to the state, to fix any data issues pertaining to vaccination and then regenerate the message.*

*The message structure to report the vaccination information to state healthcare agencies varies across states and countries. The message generation and sharing capability in Vaccination Management provides a template and reference design for the integration with the state agency's immunization system. As an implementor, you will have to ascertain the structure of the message being generated and make necessary modifications to adapt the message structure according to the respective immunization system.*

**Congratulations!** You tested the end-to-end scenario by vaccinating a resident with the Frontline worker app and viewing the Vaccination Data Sharing record in the Vaccination Site Management app.

# Summary

In this lab, you learned how a vaccination site frontline worker can check in a resident by scanning a QR code. Then you learned how a vaccination site frontline worker can manually look-up and check-in a resident using search capabilities and record health and vaccination details in the Frontline Worker App

Finally, you discovered how to configure the Frontline Worker App to surface and record additional columns in data tables for reporting purposes and how the system generates Vaccination Data Sharing Notification Logs after each completed vaccination.

# Lab Survey

We would appreciate your feedback on Microsoft Vaccination Management in a Day and this hands-on-lab, such as the quality of documentation and the usefulness of the learning experience.

Please use the survey at **<https://aka.ms/MVMIADSurvey>** to share your feedback.

You may provide feedback for each module as you complete it or at the end once you've completed all the modules. Thank you!

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