Lab 02: Data Setup with the Vaccination Management App

Master Data Setup

The Vaccination Management App is a model-driven Power App that is used by the healthcare administrator to set up and manage phases, vaccines, doses, and schedules. The healthcare administrator can also see who has registered, vaccine inventory, and view basic reports on the daily schedule and activities, and outcomes of vaccinations.

In this exercise, you will be playing the role of a Site/Location manager and learn how to do the following:

1. Setup Vaccine manufacturer’s details.
2. Record the Vaccine details along with its dosage, storage, and immunization education details.
3. Setup Provider’s details.
4. Setup Vaccination site details and then associate the vaccinators to a site.
5. Create schedules and auto-create slots.
6. Record vaccination shipments.

Task 1: Create Manufacturer

In this task, you will create a Vaccine manufacturer record. This will enable you to onboard new vaccine manufacturer into the system.

1. In the left pane, click on **Manufacturer** and then you can view the list of active manufacturers.

Graphical user interface, text, application

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1. On the **Manufacturer** form, click on **New** button.

Diagram, icon

Description automatically generated

1. On the new manufacturer form, enter the values as mentioned below and then click on **Save** button.
   1. **Account Name**: Provide the Vaccine manufacturer’s name. For Ex: Contoso Pharmaceuticals
   2. **Account Type** : Select the type as “Manufacturer”
   3. **Manufacturer Code**: Provide the manufacturer’s code. For Ex: 1001
   4. **Phone** : 425-555-0100
   5. **Fax** : 425-555-0100
   6. **Website** : <https://www.contoso.com/>
   7. **Ticker Symbol** : CONTOSO
   8. **Address 1:Street 1** : 3422 DELASKO Lane
   9. **Address 1:City**  : Elko New Market
   10. **Address 1:State/Province** : MN
   11. **Address 1:ZIP/Postal Code** : 99887
   12. **Address 1: Country/Region** : US

Graphical user interface, application

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Task 2: Create a Vaccine type

In this task, you will create a vaccine type. This will enable you to create new a vaccine record along with its dosage, storage, and education details.

1. In the left pane, click on **Vaccine type** and then you can view the list of active vaccines.

Graphical user interface

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1. On the **Vaccine type** form, click on **New** button.

Diagram, icon

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1. On the new vaccine form, enter the values as mentioned below and then click on **Save** button.
   1. **Name**: Contoso Covid Vaccine
   2. **Manufacturer**: Contoso Pharmaceuticals.
   3. **Code(CVX)**: Choose the **210** record that you created in the previous exercise.
   4. **GTIN**: Provide the GTIN code of the vaccine. For Ex: 1234567890
   5. **NDC Code**: The National Drug **Code** (**NDC**) is the **number** which identifies a vaccine/drug. For Ex: 12345-678-09
   6. **Standard Dose Range High**: Provide the higher standard dosage range. For Ex: 0.3
   7. **Standard Does Range Low**: Provide the lower standard dosage range. For Ex: 0.3
   8. **Standard Dose Range Unit**: Provide the unit of measure for the dose ranges value. For Ex: mL
   9. **Standard Dose Quantity**: Provide a value for the standard dosage quantity. For Ex: 1
   10. **Period to Next Dose**: Provide a value for the wait time for the next dose. For Ex: 21
   11. **Period to Next Dose**: Enter the wait time for the next dose in words. For Ex: Twenty-one days
   12. **Storage Temperature**: Enter the temperature at which the vials need to be frozen. For Ex: 40.
   13. **Storage Temperature Unit**: Select the temperature unit. For Ex: Fahrenheit.

Graphical user interface, text, application, email

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**Congratulations!** You have created a new Vaccine manufacturer in the Vaccine Site management app.

Task 3: Create Provider

In this task, you will create a Provider record. A provider is an organization that manages a vaccination site. This will enable you to onboard new providers into the system.

1. In the left pane, click on **Provider** and then you can view the list of active providers.

Graphical user interface, application

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1. On the **Provider** form, click on **New** button.

Diagram, icon

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1. Set the Account form type to Organization.

Graphical user interface, text, application

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1. On the new provider form, make sure that the view is set as Organization and then enter the values as mentioned below and then click on **Save** button.
   1. **Account Name**: Lamna Healthcare Company
   2. **Account Type** : Organization
   3. **Account Number**: 1001
   4. **Phone**: 425-555-0100
   5. **Fax**: 425-555-0100
   6. **Website**: http://www.lamnahealthcarecompany.com/
   7. **Address 1:Street 1**: 3422 DELASKO Lane
   8. **Address 1:City**: Elko New Market
   9. **Address 1:State/Province**: MN
   10. **Address 1:ZIP/Postal Code**: 99887
   11. **Address 1: Country/Region**: US

Graphical user interface, text, application, email

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**Congratulations!** You have successfully created a Vaccination Provider in the Vaccination Site Management App.

Task 4: Create Vaccination Site details and associate vaccinators

In this task, you will create vaccination site details and associate vaccinators/frontline worker to a site so that these users can be selected on the canvas app for the respective site. This will enable you to onboard new providers into the system.

1. In the left pane, click on **Vaccination Site** and then you can view the list of vaccination sites.

Graphical user interface, application

Description automatically generated

1. On the new Vaccination site form, enter the values as mentioned below and then click on **Save** button.
   1. **Name**: Provide a name for the site. For Ex: Lamna - Redmond
   2. **Provider**: Select a provider. For Ex: Lamna Healthcare Company
   3. **Location Number**: Provide a unique location number. For Ex: 1234
   4. **Timezone**: Select a timezone and it will be used in Frontline worker app. For Ex: (GMT-08:00) Pacific Time (US & Canada)
   5. **Street 1**: 8582 PALMITER Court
   6. **City**: Redmond
   7. **Country/Region**: US
   8. **State/Province**: WA
   9. **ZIP/Postal Code**: 98052
   10. **Latitude:** 47.6701
   11. **Longitude: -**122.1182
   12. **Timezone**: (GMT-8:00) Pacific Time (US & Canada)
   13. **Timezone IANA**: America/Tijuana

Graphical user interface, application, email

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1. Upon saving the record, the controls in the **Vaccinators** group will be visible. Click on **Add Existing Vaccination Performer** button to associate an existing user to a vaccination site.

Graphical user interface, application

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1. On the pop-up, **search** for the name of any Performer that is already created. Select the **Performer** name and click on **Add** button.

Graphical user interface, text, application

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**Congratulations!** You have successfully created a Vaccination Site in the Vaccination Site Management App.

Task 5: Create Schedule and Slots

In this task, you will learn to create new schedules and automatically create slots. Once the slots are created, it will be displayed in the

1. On the left site map, select **Schedules** and then click **+ New**.

Graphical user interface, application

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1. On the new Schedule record, fill out the following information:

**Name**: Lamna Vaccine Event

**Location**: Contoso - Redmond

**Enable Schedule Builder Automation**: Yes

**Dose**: Dose 1

**Vaccine**: Contoso Covid Vaccine

**Start Date**: Yesterday

**End Date**: Tomorrow

**Start Time**: 08:00

**End Time**: 18:00

**Slot Interval**: 30 minutes

**Slots Per Interval**: 5

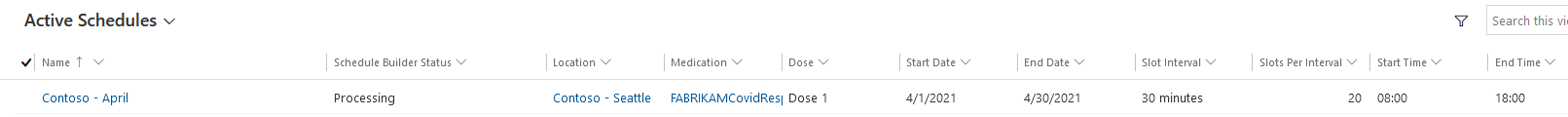
**Monday – Saturday**: Yes

*Important Note: Be sure to check off at least one day prior to saving the record for the first time, otherwise no slots will be created.*

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Description automatically generated

Click **Save & Close.** The Schedule Builder will then process and create the slots for the Schedule record.



**Congratulations!** You have successfully created a slot schedule for a vaccination site in the Vaccination Site Management App.

Task 6: Create a Batch

In this task you will create a batch of newly received vaccine doses to be made available to residents.

* + - 1. On the left site map, navigate to **Batches** under the Vaccine section and then click **+ New.**

Graphical user interface, application

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* + - 1. Create a new Vaccine Batch record by entering in the following information:

**Medication ID**: Contoso Covid Vaccine

**Batch Expiration Date**: Two weeks from now, 8:00 PM

**Batch Lot Number**: 85

**Dose Quantity**: 10

**Dose Quantity (string):** 10

**Location**: Contoso - Redmond

Chart, scatter chart

Description automatically generated with medium confidence

**Congratulations!** You have successfully created a vaccine batch in the Vaccination Site Management App.

Task 7: Open a Vaccine Phase for Booking

To address the situation of when demand for appointments is greater than the availability of appointment slots, vaccination program administrators can set a phase to allow or not allow eligible residents to make an appointment.

* If **Book During Registration** is set to **Yes**, upon registering currently eligible residents can continue and directly book a vaccination appointment.
* If **Book During Registration** is set to **No**, currently eligible residents cannot book an appointment upon registering. Eligible residents are presented with a screen that informs them that they are eligible. If they provide their contact information, they will be notified in email about when and how to make an appointment.

To make access to vaccination appointments more equitable, a vaccination program administrator can specify that the selection of eligibility is random. This uses a lottery method to select which eligible residents are sent email invitations. The default selection method is first in, first out (FIFO).

In this task, we will open a Vaccine Phase for Registration & Booking.

1. Select **Reference Data** from the bottom left site map.

Graphical user interface, text, application, chat or text message

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1. On the left site map, select **Phases** and then open the **Phase 2** record.

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Graphical user interface, application

Description automatically generated

1. Change the ‘**Booking open’** field from No to **Yes**. This will lock the field once changed so that it cannot be changed back. All future Vaccine Eligibility records will now be tracked against this phase. Click **Save & Close** to close the record.

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**Congratulations!** You have open up a Vaccine Phase for registration and booking in the Vaccination Site Management app.