

# FoodConnect- To supply left over food to poors



## Project Overview

Food Connect is a Salesforce-based platform designed to efficiently collect and distribute leftover food from donors (restaurants, events, households) to underprivileged communities in need. The platform leverages Salesforce's powerful CRM tools to manage donors, track food availability, and coordinate logistics for food delivery. It automates various workflows to ensure timely communication and efficient supply chain management.

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## 1. Introduction

Food Connect is built to address food waste while helping people in need. The project uses Salesforce as a backbone for its donor management, food inventory tracking, and delivery coordination. By incorporating the full power of Salesforce's CRM, automation, and analytics capabilities, this platform enables seamless collaboration between food donors, volunteers, and distribution networks.

## 2. Project Objectives

1. **Distribute leftover food** efficiently to charities and shelters.
2. **Automate workflows** for notifications, pickups, and deliveries.
3. **Track inventory and supply chain** in real-time.
4. **Improve community outreach** and reporting.

### **3. Key Features**

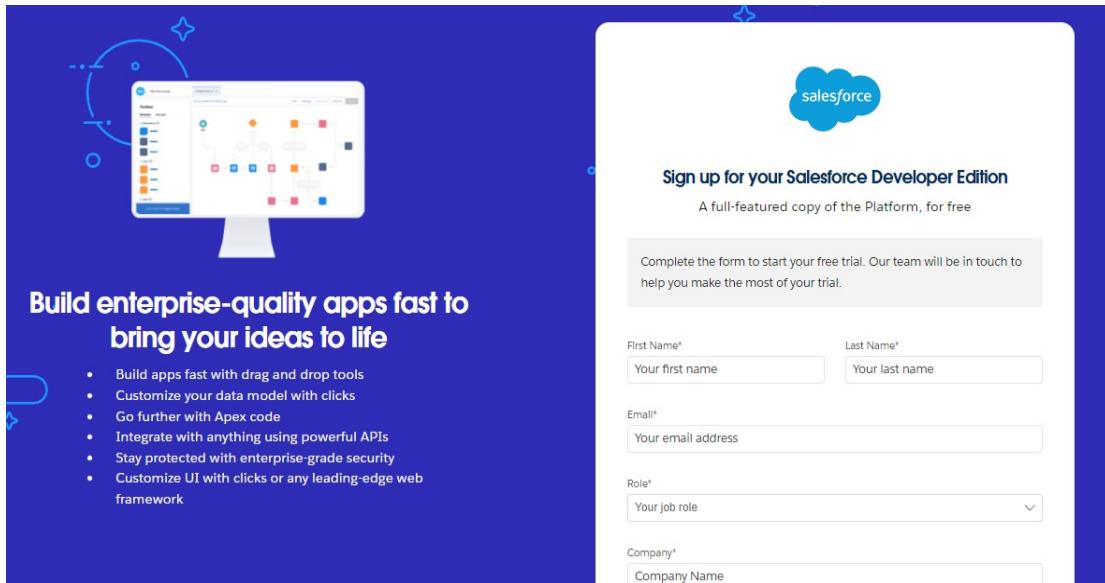
1. **Food Pickup and Distribution Tracking:** Automate requests for food pickup and ensure delivery to shelters.
2. **Inventory Management:** Monitor food availability in real-time, ensuring efficient allocation based on demand.
3. **Reporting and Analytics:** Create reports and dashboards on food distribution, donor contributions, and recipients.
4. **Mobile Access:** Allow volunteers and coordinators to access the platform on mobile devices using Salesforce Mobile.

### **4. Salesforce Developer Setup And WorkFlow**

#### **i) Creating Developer Account**

Creating a developer org in salesforce.

1. Go to <https://developer.salesforce.com/signup>
2. On the sign up form, enter the following details :

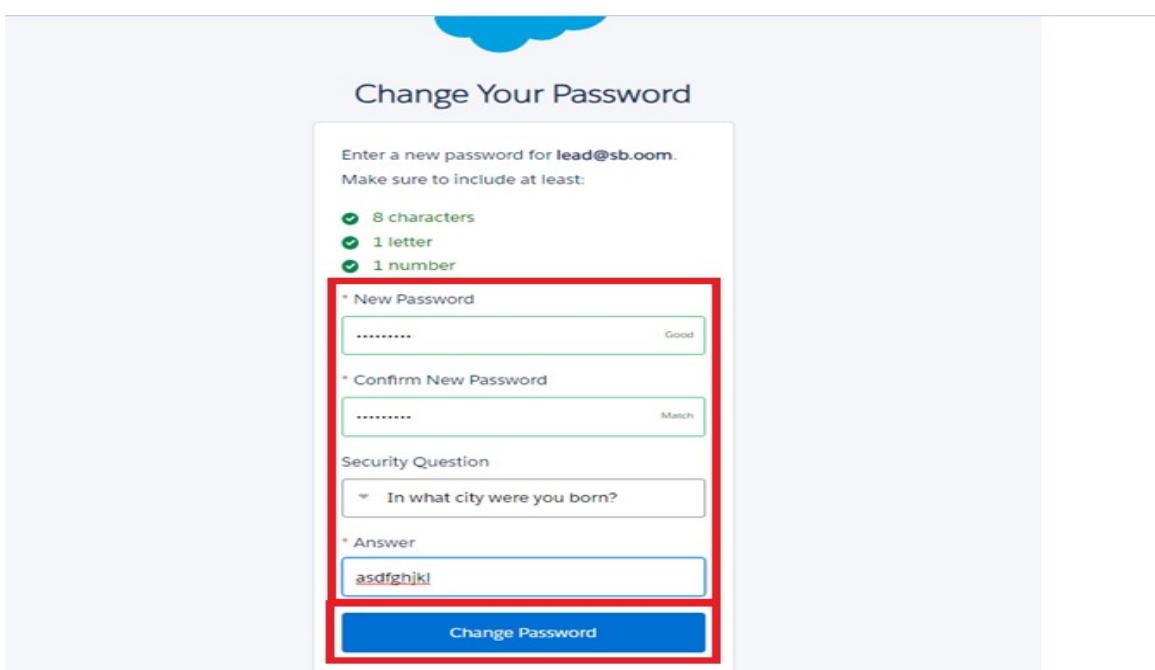
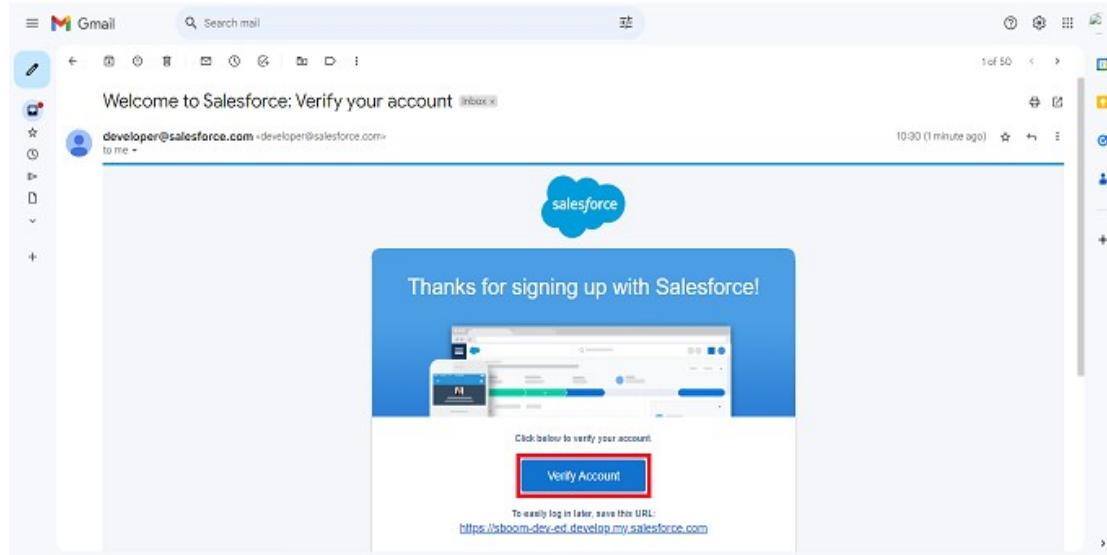


- a. First name & Last name
- b. Email
- c. Role: Developer
- d. Company: College or Company Name
- e. County: India
- f. Postal Code: pin code
- g. Username: should be a combination of your name and company

## 5. System Architecture

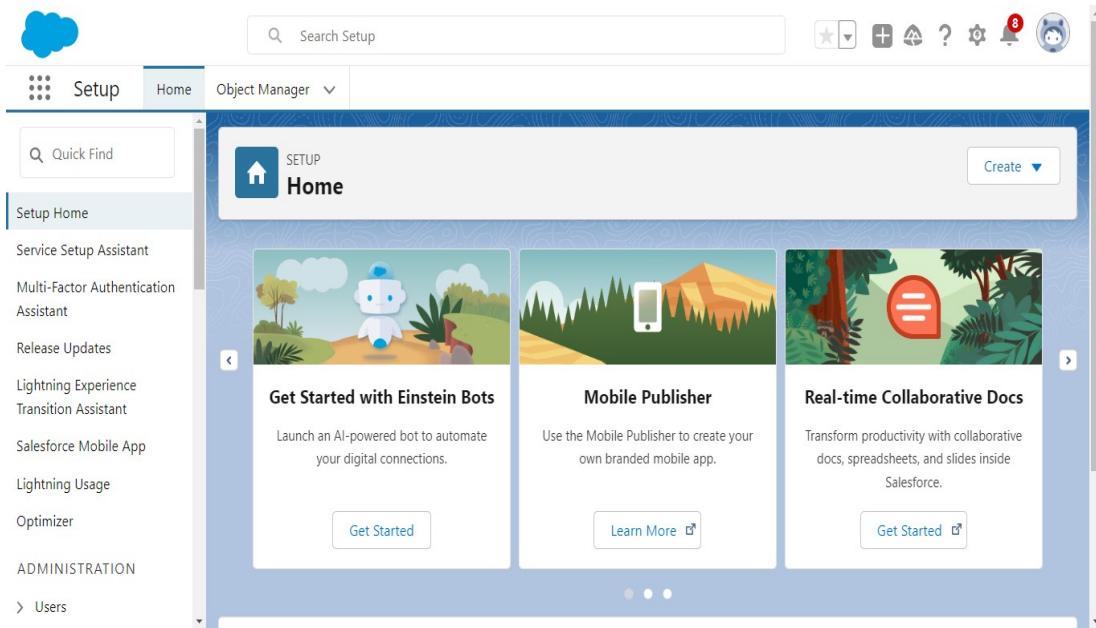
### ii) Account Activation

1. Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5-10mins.



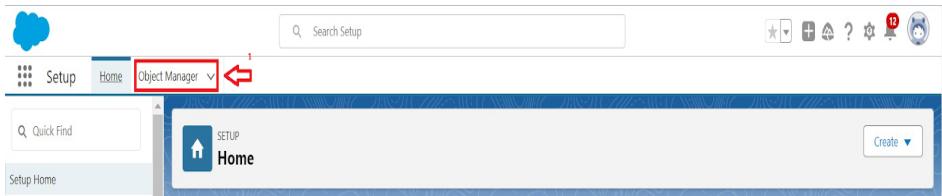
Click on Verify Account

2. Give a password and answer a security question and click on change password.
3. Give a password and answer a security question and click on change password. 4. Then you will redirect to your salesforce setup page.



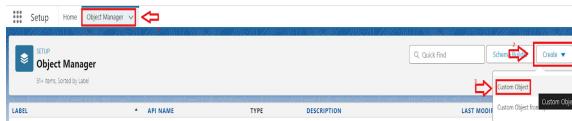
### iii) Creating Objects

To Navigate to Setup page:



To create an object:

1. From the setup page > Click on Object Manager > Click on Create > Click on Custom Object.



2. On Custom object defining page:
3. Enter the label name, plural label name, click on Allow reports, Allow search.

**New Custom Object**

**Custom Object Definition Edit**

**Custom Object Information**

The singular and plural labels are used in tabs, page layouts and reports.

Label	Example: Account
Plural Label	Accounts
Starts with vowel sound	<input checked="" type="checkbox"/>

The Object Name is used when referencing the object via the API.

Object Name	Account
-------------	---------

Description

Content Name

Context-Sensitive Help Setting

Open the standard Salesforce.com Help & Training window	<input checked="" type="radio"/>
Open a window using a Visualforce page	<input type="radio"/>

Enter Record Name Label and Format

The Record Name appears in page layouts, key lists, related lists and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name	Account Name
Date Type	Text

Optional Features

<input checked="" type="checkbox"/> Allow Reports	4
<input type="checkbox"/> Allow Activities	5
<input type="checkbox"/> Track Field History	6

Object Classification

When these settings are enabled, this object is classified as an Enterprise Application object. When these settings are disabled, this object is classified as a Light Application object. Learn more.

<input checked="" type="checkbox"/> Allow Sharing
<input checked="" type="checkbox"/> Allow Bulk API Access
<input checked="" type="checkbox"/> Allow Streaming API Access

Deployment Status

<input type="radio"/> In Development
<input checked="" type="radio"/> Deployed

Search Status

When this setting is enabled, your users can find records of this object type when they search. Learn more.

<input type="checkbox"/> Allow Search	1
---------------------------------------	---

Object Creation Options (Available only when custom object is first created)

<input type="checkbox"/> Add Notes and Attachments related list to default page layout
<input type="checkbox"/> Launch New Custom Tab Wizard after saving this custom object

**Save** **Save & New** **Cancel**

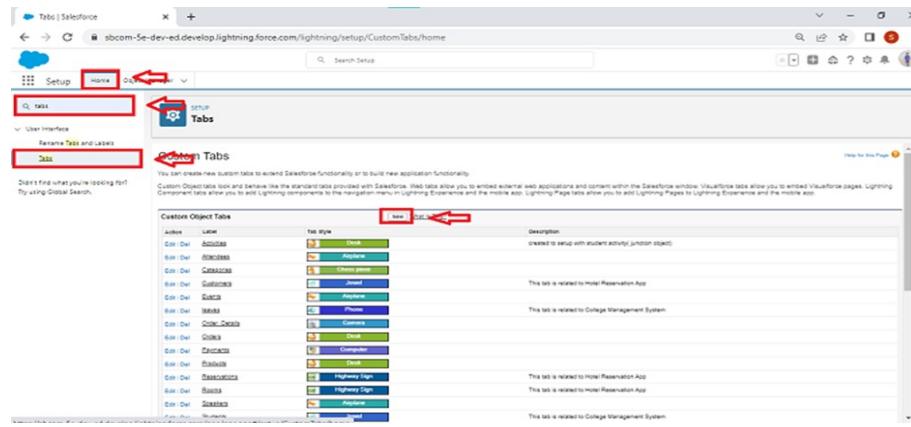
4. Click on Save.

here we create 4 objects in the projects that **venue object**, **drop-off point object**, **task object**, **volunteer object**, **execution details object**.As the same way as above mention in the screenshots you have to follow the same process for every object that you made.

## iv) Creating a Custom Tab

To create a Tab:(Venue)

1. Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)

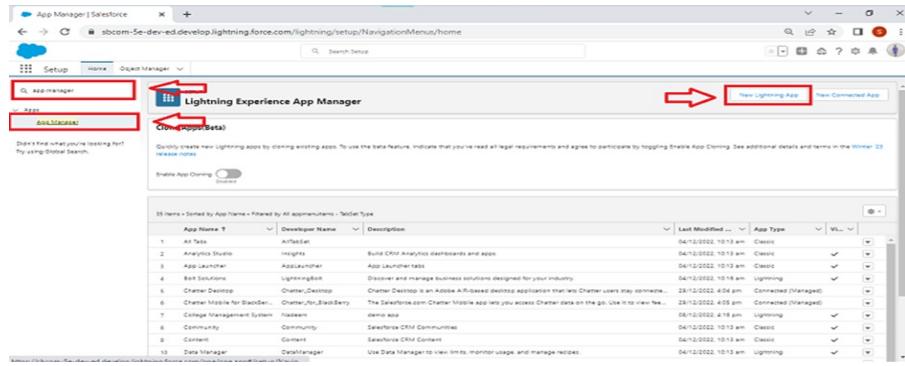


1. Select Object(Venue) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab .
2. Make sure that the Append tab to users' existing personal customizations is checked.
3. Click save

## v) Create a Lightning App

To create a lightning app page:

1. Go to setup page >> search “app manager” in quick find >> select “app manager” >> click on New lightning App.



## 2. Fill the app name in app details and branding as follow

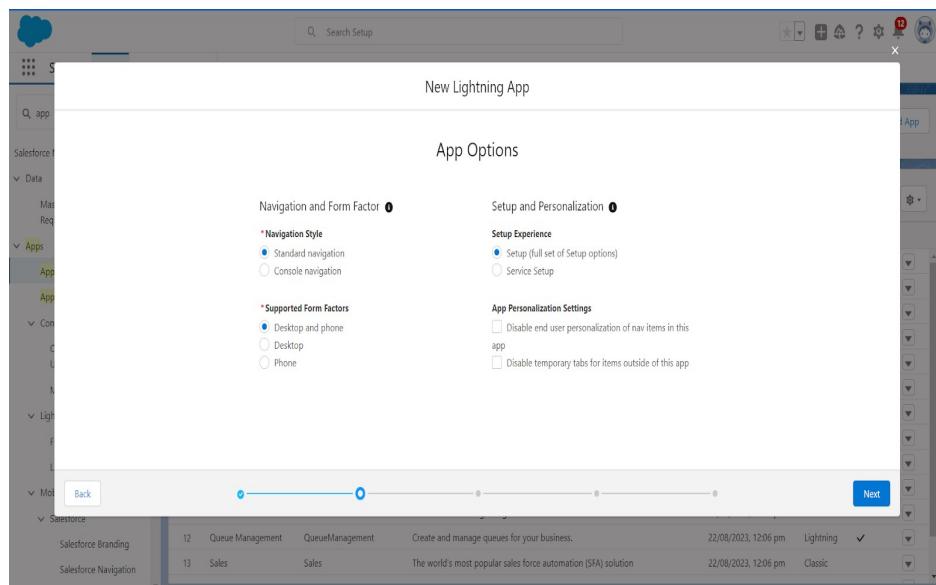
App Name: FoodConnect

Developer Name: This will auto populated

Image optional (if you want to give any image you can otherwise not mandatory)

Primary colour hex value: keep this default.

3. Then click Next >> (App option page) Set Navigation Style as Standard Navigation >> Next.



## 4. (Utility Items) keep it as default >> Next.

### 5. To Add Navigation Items:

Search for the item in the (Home, Venue, Drop-Off Point, Task, Volunteer, Execution Details, Reports) from the search bar and move it using the arrow button >> Next >> Next.

## 6. To Add User Profiles:

Search profiles (System administrator) in the search bar >> click on the arrow button >> save & finish.

## Here I am adding my output of creating lighting app

The screenshot shows the 'App Details & Branding' section of the Lightning App Builder. On the left, there's a sidebar with 'App Settings' selected, followed by 'App Details & Branding'. Under 'App Details', the 'App Name' is set to 'FoodConnect'. In 'App Branding', there's an 'Image' field containing a logo for 'Food Connect' and a 'Primary Color Hex Value' set to '#0070D2'. Below these, there's an 'Org Theme Options' checkbox. An 'App Launcher Preview' shows the app icon and name. The browser tabs at the top include 'Inbox (7,490)', 'Post Attendee', 'Skill Wallet Auth', 'SI 8644 173614', 'Login | Salesforce', 'FoodConnect', 'bhavyarathore', and 'SI 1199 17270'. The taskbar at the bottom shows various application icons.

The screenshot shows the 'Navigation Items' section of the Lightning App Builder. The sidebar has 'App Settings' selected, followed by 'Navigation Items'. The 'Available Items' list includes 'Accounts', 'All Sites', 'Alternative Payment Methods', 'Analytics', 'App Launcher', 'Appointment Categories', 'Appointment Invitations', 'Approval Requests', 'Asset Action Sources', 'Asset Actions', and more. The 'Selected Items' list contains 'Home', 'Venues', 'Tasks', 'Drop-Off Points', 'Execution Details', 'Volunteers', 'Reports', and 'Dashboards'. The browser tabs and taskbar are identical to the previous screenshot.

## vi) Creation of Relationship fields in objects

### Creation of Lookup Relationship Field on Volunteer Object :

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in the search bar >> click on the object.

The screenshot shows the 'Volunteer' object in the Object Manager. On the left, a sidebar lists 'Details', 'Fields & Relationships' (which is selected and highlighted with a red box), 'Page Layouts', 'Lightning Record Pages', and 'Buttons, Links, and Actions'. The main pane displays four relationship types: 'Roll-Up Summary' (disabled), 'Lookup Relationship' (selected and highlighted with a red box), 'Master-Detail Relationship' (disabled), and 'External Lookup Relationship'. A red arrow labeled '1' points from the 'Fields & Relationships' sidebar to the 'Lookup Relationship' section. Another red arrow labeled '2' points from the 'Lookup Relationship' section to the 'Create' button at the top right of the pane.

2. Now click on "Fields & Relationships" >> New
3. Select Master Detail relationship
4. Select the related object "Drop-Off point" and click next.

The screenshot shows the 'Step 2. Choose the related object' dialog. It asks 'Select the other object to which this object is related.' A dropdown menu labeled 'Related To' contains the option 'Drop-Off point', which is highlighted with a red box and has a red arrow labeled '1' pointing to it. At the bottom right, there are 'Previous', 'Next', and 'Cancel' buttons, with 'Next' being highlighted with a red box and a red arrow labeled '2' pointing to it.

5. Field Name: Drop\_Off\_point
6. Field label: Auto generated
7. Next >> Next >> Save.just like that I crated all the relationship as the same way it little

bit different in the modern relationship and the lookup relationship fields.

## vii) Creation of fields for the Venue object

1. Go to setup>> click on Object Manager >> type object name(Venue) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Email” and Click on Next
4. Fill the Above as following:
  1. Field Label : Contact Email
  2. Field Name : Contact Email
  3. Click on required check box
  4. Click on Next >> Next >> Save and new.

### To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Phone” and Click on Next
4. Fill the Above as following:
  1. Field Label : Contact Phone
  2. Field Name : Contact Phone
  3. Click on required check box
  4. Click on Next >> Next >> Save and new.

### To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >>click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Geolocation” and Click on Next
4. Fill the Above as following:
  1. Field Label : Location
  2. Decimal Places : 4
  3. Field Name : Location
  4. Description : Enter the Geolocation of your Venue

5. Click on Next >> Next >> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Long Text Area" and Click on Next
4. Fill the Above as following:
  1. Field Label : Venue Location
  2. Field Name : Venue\_Location
  3. Click on Next >> Next >> Save and new.

## viii) Creation of fields for the Drop-Off point object

Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.

1. Now click on "Fields & Relationships" >> New
2. Select Data type as a "Geolocation" and Click on Next
3. Fill the Above as following:
  - a. Field Label : Location 2
  - b. Field Name : gets auto generated
  - c. Description : Enter the Geolocation of the Drop off Point
  - d. Geolocation Options : select Decimal
  - e. Decimal Places : 4
  - f. Click on Next >> Next >> Save and new.

To create another fields in an object:

- a. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
- b. Now click on "Fields & Relationships" >> New
- c. Select Data type as a "Formula" and Click on Next
- d. Fill the Above as following:
  - g. Field Label : distance calculation

- h. Field Name : distance\_calculation
- i. Formula Return Type : Number
- j. Formula Options : DISTANCE( Location\_2\_\_c , Venue\_\_r.Location\_\_c , 'km')
- k. Click on Next >> Next >> Save and new.

**Formula Options**

Formula Return Type: Number

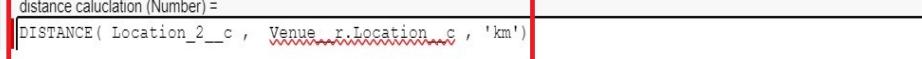
Decimal Places: 4

Enter your formula and click Check Syntax to check for errors. Click the Advanced Formula subtab to use additional fields, operators, and functions.  
**Example:** Fahrenheit = 1.8 \* Celsius\_\_c + 32 | [More Examples...](#)

[Simple Formula](#) [Advanced Formula](#)

[Insert Field](#) [Insert Operator ▾](#)

```
distance calculation (Number)=  
DISTANCE( Location_2__c , Venue__r.Location__c , 'km')
```



To create another fields in an object:

4. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
5. Now click on “Fields & Relationships” >> New
6. Select Data type as a “Picklist” and Click on Next
7. Fill the Above as following:
  1. Field Label : State
  2. Field Name : State
  3. Enter values, with each value separated by a new line :
    - Andhra Pradesh
    - Arunachal Pradesh
    - Assam
    - Bihar
    - Chhattisgarh
    - Goa

Gujarat  
Haryana  
Himachal Pradesh  
Jharkhand  
Karnataka  
Kerala  
Maharashtra  
Madhya Pradesh  
Manipur  
Meghalaya  
Mizoram  
Nagaland  
Odisha  
Punjab  
Rajasthan  
Sikkim  
Tamil Nadu  
Tripura  
Telangana  
Uttar Pradesh  
Uttarakhand West  
Bengal  
Andaman & Nicobar (UT)  
Chandigarh (UT)  
Dadra & Nagar Haveli and Daman & Diu (UT)  
Delhi [National Capital Territory (NCT)]  
Jammu & Kashmir (UT)  
Ladakh (UT)  
Lakshadweep (UT)  
Puducherry (UT)

1. Click on required check box
2. Click on Next >> Next >> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Number” and Click on Next

4. Fill the Above as following:

  1. Field Label : Distance
  2. Field Name : Distance
  3. Length : 14
  4. Decimal Places : 4
  5. Click on required check box
  6. Click on Next >> Next >> Save and new.

## **ix) Creation of fields for the Task object**

Go to setup>> click on Object Manager >> type object name(Task) in search bar >> click on the object.

1. Now click on “Fields & Relationships” >> New
2. Select Data type as a “Auto Number” and Click on Next
3. Fill the Above as following: • Field Label : Task ID
  - a. Display Format : TASK-{0}
  - b. Starting Number : 1
  - c. Field Name : gets auto generated
  - d. Click on required check box
  - e. Click on Next >> Next >> Save and new.

To create another fields in an object:

- a. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
- b. Now click on “Fields & Relationships” >> New
- c. Select Data type as a “Date” and Click on Next
- d. Fill the Above as following:
- f. Field Label : Date
- g. Field Name : Date
- h. Click on required check box
- i. Click on Next >> Next >> Save and new.

To create another fields in an object:

4. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
5. Now click on “Fields & Relationships” >> New
6. Select Data type as a “Picklist (Multi-Select)” and Click on Next

7. Fill the Above as following:
  1. Field Label : Food Category
  2. Field Name : Food Category
  3. Enter values, with each value separated by a new line :  
Veg  
Non-Veg  
Salad  
Snack
4. Click on required check box
5. Click on Next >> Next >> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Number" and Click on Next
4. Fill the Above as following:
  1. Field Label : Number of People Served
  2. Field Name : Number\_of\_People\_Served
  3. Click on required check box
  4. Click on Next >> Next >> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Text" and Click on Next
4. Fill the Above as following:
  1. Field Label : Name of the Person
  2. Field Name : Name\_of\_the\_Person
  3. Click on Next >> Next >> Save and new.

To create another fields in an object:

1. Go to setup>> click on Object Manager >> type object name(Task) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New

3. Select Data type as a "Phone" and Click on Next
4. Fill the Above as following:
  1. Field Label : Phone
  2. Field Name : Phone
  3. Click on Next >> Next>> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Pick List" and Click on Next
4. Fill the Above as following:
  1. Field Label : Rating
  2. Field Name : Rating
  3. Enter values, with each value separated by a new line :
    - 1
    - 2
    - 3
    - 4
    - 5
4. Click on Next >> Next >> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Long Text Area" and Click on Next
4. Fill the Above as following:
  1. Field Label : Feedback
  2. Field Name : Feedback
  3. Click on Next >> Next >> Save and

## x) Creation of fields for the Volunteer object

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >>

click on the object.

2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Auto Number" and Click on Next
4. Fill the Above as following:
  - a. Field Label : Volunteer ID
  - b. Field Name : gets auto generated
  - c. Click on required check box
  - d. Click on Next >> Next >> Save and new.
  - e. Click on Next >> Next >> Save and new.

To create another fields in an object:

- a. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
- b. Now click on "Fields & Relationships" >> New
- c. Select Data type as a "Picklist" and Click on Next
- d. Fill the Above as following:
  - f. Field Label : Gender
  - g. Field Name : Gender
  - h. Enter values, with each value separated by a new line :

Female

Male

- i. Click on Next >> Next >> Save and new.

To create another fields in an object:

5. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
6. Now click on "Fields & Relationships" >> New
7. Select Data type as a "Date" and Click on Next
8. Fill the Above as following:
  1. Field Label : Available On
  2. Field Name : Available On
  3. Click on required check box
  4. Click on Next >> Next >> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Number" and Click on Next
4. Fill the Above as following:
  1. Field Label : Age
  2. Field Name : Age
  3. Click on required check box
  4. Click on Next >> Next>> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Email" and Click on Next
4. Fill the Above as following:
  1. Field Label : Email
  2. Field Name : Email
  3. Click on required check box
  4. Click on Next>> Next >> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Number" and Click on Next
4. Fill the Above as following:
  1. Field Label : Contact Number
  2. Field Name : Contact\_Number
  3. Click on required check box
  4. Click on Next >> Next >> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Text Area (Long)" and Click on Next
4. Fill the Above as following:
  1. Field Label : Address
  2. Field Name : Address
  3. Click on Next >> Next >> Save and new.

To create another fields in an object:

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Date" and Click on Next
4. Fill the Above as following:
  1. Field Label : Date of Birth
  2. Field Name : Date\_of\_Birth
  3. Click on Next >> Next >> Save and new.

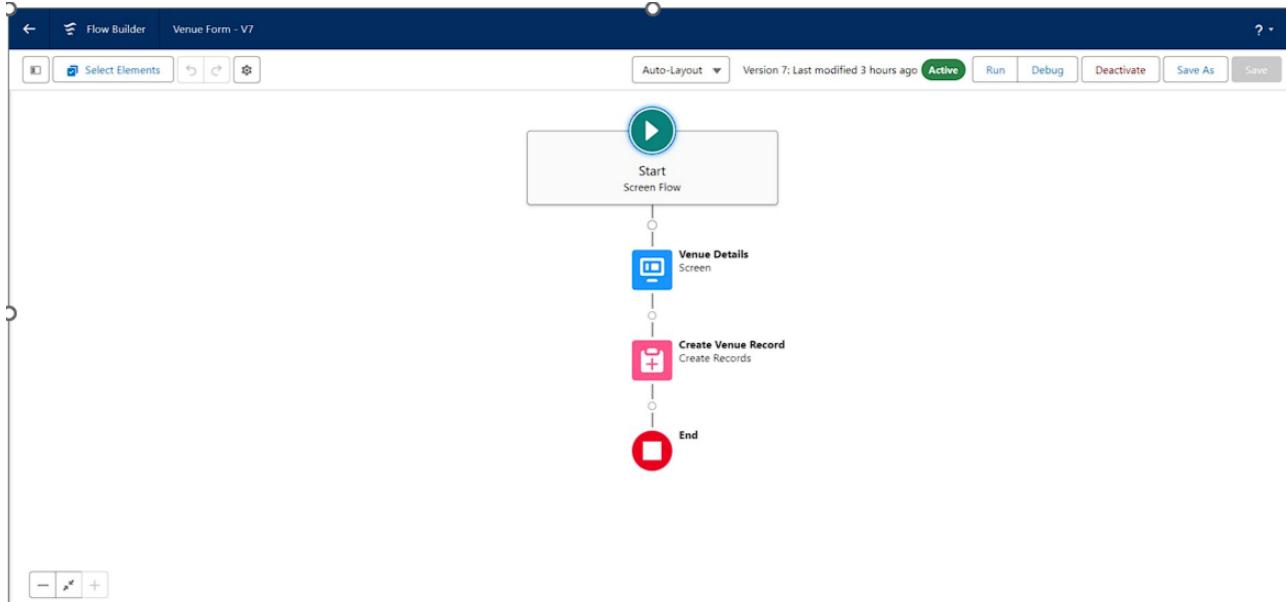
## **xii) Creation of fields for the Execution Details object**

1.Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

1. Now click on "Fields & Relationships" >> New
2. Select Data type as a "Auto Number" and Click on Next
3. Fill the Above as following:
  - a. Field Label : Execution ID
  - b. Field Name : gets auto generated
  - c. Click on required check box
  - d. Click on Next >> Next >> Save and new.

## **xiii) Create Flow to create a record in Venue object**

the flow should look like this----



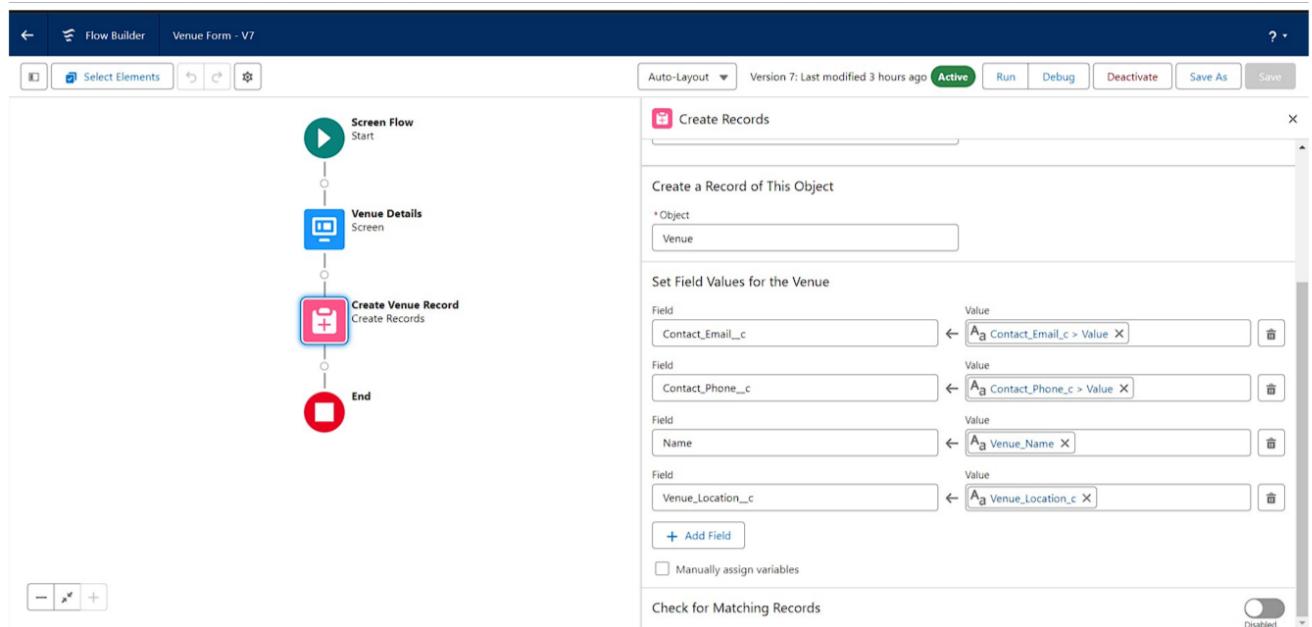
Flow Builder - Venue Form - V7

Auto-Layout Version 7: Last modified 3 hours ago Active Run Debug Deactivate Save As Save

### Edit Screen

Components	Fields	Screen Properties
<input type="text" value="Venue Name"/> <input type="text" value="Email"/> <input type="text" value="Phone"/> <input type="text" value="Venue Location"/>	<b>Venue Form</b>	* Label: Venue Details * API Name: Venue_Details Description
Input (53) <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Action Button (Beta)</li> <li><input checked="" type="checkbox"/> Add Attendees</li> <li><input checked="" type="checkbox"/> Address</li> <li><input checked="" type="checkbox"/> Call Script</li> <li><input checked="" type="checkbox"/> Cancel Appointment</li> <li><input checked="" type="checkbox"/> Checkbox</li> <li><input checked="" type="checkbox"/> Checkbox Group</li> <li><input checked="" type="checkbox"/> Collection</li> </ul>		> Configure Header > Configure Footer
<a href="#">Get more on the AppExchange</a>		

- ✎ +



### xiii) Create a Trigger

The screenshot shows the Salesforce Developer Console in Google Chrome. The URL is [https://itmuniversity-f-dev-ed.develop.my.salesforce.com/\\_ui/common/apex/debug/ApexCSIPage](https://itmuniversity-f-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage). The tab is "DropOffTrigger.apex". The code is:

```

1 trigger DropOffTrigger on Drop_Off_point__c (before insert) {
2
3     for(Drop_Off_point__c Drop : Trigger.new){
4
5         Drop.Distance__c = Drop.distance_calculation__c;
6     }
7
8 }

```

Below the code, the "Logs" and "Tests" tabs are visible. The "Tests" tab shows a "Test Run" status. At the bottom, there's a "Overall Code Coverage" table:

Class	Percent	Lines
Overall	0%	
DropOffTrigger	0%	0/2

the code should look like this the trigger has created.

### xiv) Creation of Users and profile

here we have to create a NGOs profile and under this profile we have to create a users that are going to be the NGOs foundations

The screenshot shows the Salesforce Setup interface for managing Profiles. The top navigation bar includes links for Setup, Home, Object Manager, and a search bar labeled "Search Setup". The main content area is titled "Profiles" and displays a table of profiles. The table has columns for Action, Profile Name, User License, and Custom. One row is visible, showing the "Edit | Del |..." link, the profile name "NGOs Profile", the user license "Salesforce Platform", and a checked "Custom" checkbox. The top right of the page includes a "Help for this Page" link and a printer icon.

Action	Profile Name	User License	Custom
<a href="#">Edit   Del  ...</a>	NGOs Profile	Salesforce Platform	<input checked="" type="checkbox"/>

All Users

Action	Full Name	Alias	Username	Role	Active	Profile
<a href="#">Edit</a>	Chatter Expert	Chatter	chatty.00dqy00000hsdwima3.knztfcexn0inw@chatter.salesforce.com		✓	Chatter Free User
<a href="#">Edit</a>	Iksha_Foundation_Iksha Foundation	iksh	ikshafoundation@am.com		✓	NGOs Profile
<a href="#">Edit</a>	AMaheshwari_Aryanshi	AMah	tosupqveftoverfoodtopoor@salesforce.com		✓	System Administrator
<a href="#">Edit</a>	NSS_NSS	NSS	nss@am.com		✓	NGOs Profile
<a href="#">Edit</a>	Street_Cause_Street_Cause	stre	streetcause@am.com		✓	NGOs Profile
<a href="#">Edit</a>	User_Integration	integr	integration@00dqy00000hsdwima3.com		✓	Analytics Cloud Integration User
<a href="#">Edit</a>	User_Security	sec	insightsecurity@00dqy00000hsdyima3.com		✓	Analytics Cloud Security User

here I created a three foundation of my own:- Iksha Foundation, NSS and Street Cause.

## xv) Creation of Public Group 1,2,3

Public Groups

Action	Label	Group Name	Created By	Created Date
<a href="#">Edit   Del</a>	Iksha	Iksha	Maheshwari_Aryanshi	26/12/2024, 11:28 am
<a href="#">Edit   Del</a>	NSS	NSS	Maheshwari_Aryanshi	26/12/2024, 11:28 am
<a href="#">Edit   Del</a>	Street_Cause	Street_Cause	Maheshwari_Aryanshi	26/12/2024, 11:29 am

## xvi) Creation of Report on Venue with DropOff with Volunteer

The screenshot shows the FoodConnect Report Builder interface. The title bar indicates the URL is [vitbihopal-12e-dev-ed.lightning.force.com/lightning/r/Report/00OQy00000A7WMjMAP/edit?queryScope=user\\_older](https://vitbihopal-12e-dev-ed.lightning.force.com/lightning/r/Report/00OQy00000A7WMjMAP/edit?queryScope=user_older). The main area displays a report titled "venue and Drop Off point" under the "REPORT" section. The report preview shows a table with columns: "Volunteer Name", "Venue Name", "Drop-Off point Name", and "Distance". The data in the table is as follows:

Volunteer Name	Venue Name	Drop-Off point Name	Distance
- (1)	Ujawala Garden	Jaisalmer	1,098.9098
			1,098.9098
Anay Agrawal (1)	Paradise Garden Function Hall	Ermakulam	489.9501
			489.9501
Aryanshi Maheshwari (1)	AryaFoundation	Delhi	222.3902
			222.3902
Ashira Jain (1)	La Royale Banquet Hall	Shapur	99,078.0000
			99,078.0000
Total (4)			1,00,889.2591

The report builder interface includes sections for "Groups" (with "Add group" and "Volunteer Name" options), "Columns" (with "Add column" and "Venue Name", "Drop-Off point Name", "# Distance" options), and various reporting tools like "Add Chart", "Save & Run", "Save", "Close", and "Run". The status bar at the bottom shows system information including "Conditional Formatting".

## xvii) Creation of Report on Volunteers with Execution Details and Tasks

**REPORT** Volunteer Task Tasks with Execution Details and Volunteers

Outline Filters Previewing a limited number of records. Run the report to see everything.

Update Preview Automatically

Volunteer: Volunteer ID	Volunteer: Volunteer Name	Task: Task Name	Execution Detail: Execution Detail Name	Task: Owner Name	Date	Rating
5 (1)	Aryanshi Maheshwari	Annual Day Left Over Food	Collection	Aryanshi Maheshwari	01/01/2025	3
6 (1)	Ashira Jain	To Supply Left Over Food	Distribution	Aryanshi Maheshwari	02/01/2025	5
7 (1)	Anay Agrawal	Function Left Over Food	Partially Collected	Aryanshi Maheshwari	10/01/2025	-
Total (3)						

Row Counts  Detail Rows  Subtotals  Grand Total

## xviii) Dashboards

**Dashboard** Task Execution Details

As of 06-Jan-2025, 10:12 am Viewing as Aryanshi Maheshwari

Refresh Edit Subscribe

Venue Name	Drop-Off point Name	Distance
Aryal foundation	Delhi	222.3902
La Royale Banquet Hall	Shapur	99.0780k
Paradise Garden Function Hall	Ermakulam	489.5591
Ujawala Garden	Jaisalmer	1.0989k

View Report (venue and Drop Off point)

**Volunteer Task**

Record Count

Volunteer: Volunteer ID

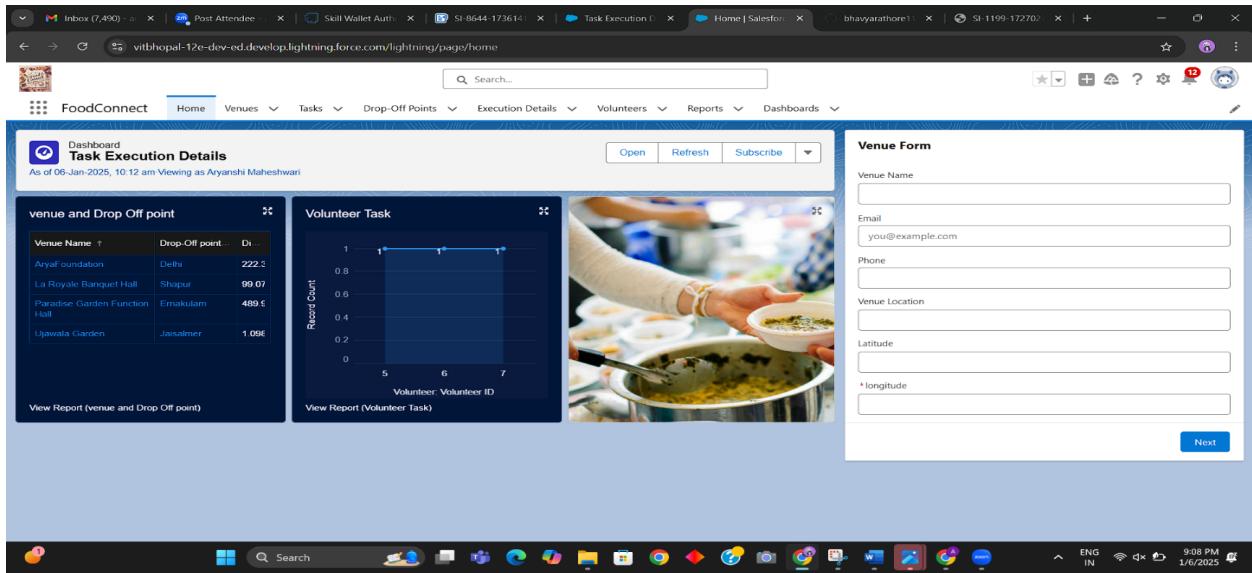
View Report (Volunteer Task)

## xix) Creation of sharing rules

## xx) Creation of Home Page

x)

## 6. OUTPUT SCREENSHOTS



THE FINAL OUTPUT OF THE APP SHOULD LOOK LIKE THIS AFTER FOLLOWING ALL THE STEPS  
CORECTLY AS YOU CAN SE MY OUTPUT LOOKS CORRECT AS THE OUTPUT SHOULD BE LIKE THIS

## 7. Video Demonstration

Here I am sharing my github link as well as the link where the video also provided in which you can see that how it looks and works...<https://github.com/AryanshiMaheshwari/FoodConnect-To-Supply-Leftover-Food-to-Poor/tree/main>

## 8. Conclusion

By leveraging the Salesforce platform, the project successfully established a streamlined and transparent system for managing surplus food donations. Through efficient coordination with volunteers and timely delivery to beneficiaries, the project effectively addressed food insecurity while maximizing the utilization of available resources.

Food Connect aims to bridge the gap between surplus food and those in need by utilizing Salesforce to streamline and automate the process. The project showcases the flexibility of Salesforce's platform in handling non-profit workflows and creating real world impact through

technology.