

PROJECT OF **SALESFORCE DEVELOPER** **FOOD CONNECT** **TO SUPPLY LEFT OVER FOOD TO POOR**

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Project Overview

In an effort to combat food waste and hunger, this Salesforce-based project revolutionizes the way surplus food is distributed to those in need. By connecting restaurants, grocery stores, and food suppliers with non-profits and shelters, this platform ensures surplus food reaches communities that need it most.

At the heart of this initiative is Salesforce's CRM technology, which powers a seamless network for food donation. The system enables real-time tracking, smart matching of food donations based on urgency and location, and end-to-end logistics management. Custom objects and workflows were crafted specifically to handle the complexity of food redistribution, from donation alerts to final delivery confirmations.

Moreover, mobile integration empowers field agents to update statuses and track deliveries in real-time, creating a transparent and accountable process. This streamlined approach reduces food waste, aids vulnerable communities, and presents a scalable, sustainable model for social good.

Objectives

Business Goals:

1. **Reduce Food Waste:** Significantly decrease the amount of surplus food discarded by restaurants, grocery stores, and food suppliers by redirecting it to communities in need.
2. **Enhance Social Impact:** Support hunger relief efforts by creating an efficient distribution network that brings together donors and recipients.
3. **Increase Operational Efficiency:** Leverage Salesforce to streamline and automate the logistics of food donation, ensuring timely and accurate distribution.
4. **Promote Transparency and Accountability:** Ensure clear visibility into the food donation process for stakeholders, from donation to delivery.

Specific Outcomes:

1. **Real-Time Tracking of Donations:** Enable a live dashboard for tracking food donations, from initial registration to delivery confirmation.
2. **Automated Matching System:** Implement a location-based matching algorithm that pairs donors with nearby shelters or nonprofits based on food type and urgency.
3. **Customizable Alerts and Notifications:** Provide automated alerts for field agents and recipient organizations about new donations, pickup times, and delivery statuses.
4. **Mobile-Enabled Delivery Management:** Integrate mobile devices to allow field agents to update statuses and track deliveries on the go, enhancing logistical precision and real-time reporting.
5. **Comprehensive Donor and Recipient Management:** Utilize Salesforce's CRM capabilities to maintain updated records of all donors and recipients, fostering a sustainable network for continuous food redistribution.

Salesforce key features and Concepts utilized

What is Salesforce?

Salesforce is a leading cloud-based customer relationship management (CRM) platform that helps businesses manage sales, customer service, and marketing operations. It provides tools for automation, analytics, and customer engagement.

Salesforce also offers customization through its AppExchange marketplace and a wide range of integration options. Its scalability and flexibility make it suitable for companies of all sizes across various industries.

1. Custom and Standard Objects:

- **Custom Objects** were created for entities such as Donors, Drop-Off Points, Volunteers, and Venues. These objects organize and store essential data for managing food donations, tracking drop-off points, and coordinating volunteer efforts.
- **Standard Objects** like Accounts and Contacts were leveraged to manage relationships with donors and recipient organizations, ensuring data consistency and accessibility.

2. Fields and Data Management:

- **Custom Fields** were added to track specifics, such as food category, donation quantity, task ID, volunteer availability, and location details. This field-level customization ensures relevant information is easily accessible and organized.
- **Data Tracking** across fields allows for efficient logging and retrieval of information, facilitating real-time updates and streamlined reporting.

3. Flows:

- **Automation with Flows** was used to create seamless processes, like automatically registering new donations, alerting volunteers, and

scheduling tasks. Flows guide users through complex processes with minimal manual input, enhancing efficiency.

4. Triggers:

- **Apex Triggers** are used to automate actions on record changes, ensuring that tasks like updating inventory counts or notifying field agents occur automatically, improving response times and data accuracy.

5. Profiles and Permissions:

- **Profiles** and **User Roles** were defined to control access levels, ensuring data privacy and security. This setup enables role-based access to records and functions, allowing volunteers, donors, and coordinators to interact only with relevant data.

6. Public Groups and Sharing Rules:

- **Public Groups** and **Sharing Rules** facilitate collaborative access among users, enabling effective communication and transparency. Public groups like volunteer networks or donor partners were established for streamlined coordination.
- **Sharing Rules** further secure data by extending access only where needed, enhancing accountability.

7. Reports and Dashboards:

- **Custom Reports** and **Dashboards** provide visual insights into donation status, volunteer activity, and delivery metrics. These tools offer real-time analytics for project monitoring and help in evaluating the project's impact on reducing food waste and hunger.

8. Mobile Integration:

- **Mobile Device Compatibility** allows field agents to access and update data remotely, enhancing logistics management and enabling real-time status updates from donation locations or delivery points.

9. Lightning App and Custom Tabs:

- **Custom Lightning App** and **Tabs** for easy navigation between objects, such as Donation Status, Task Tracking, and Volunteer Management. This custom UI design offers a user-friendly experience for staff managing food distribution logistics.

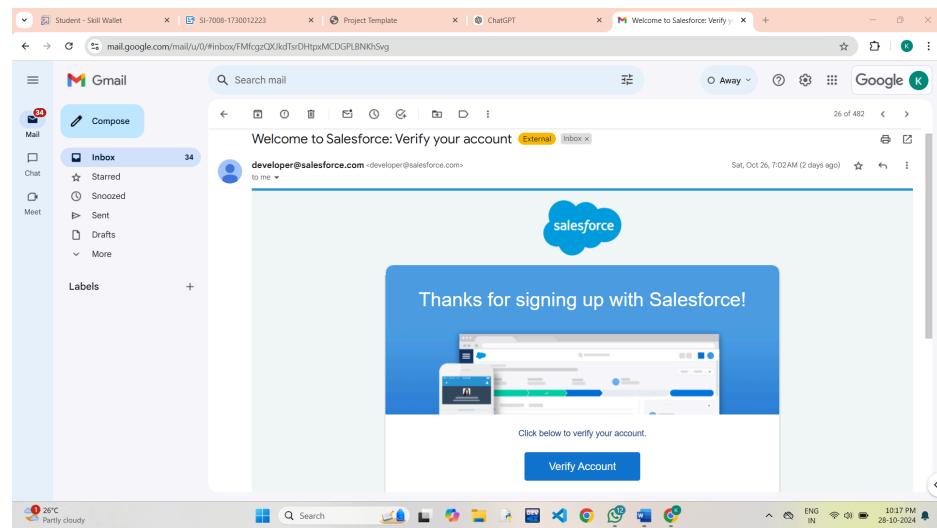
10. Dashboards for Key Performance Indicators (KPIs):

- Dashboards display critical metrics on food distribution, volunteer engagement, and donor contributions, providing stakeholders with a clear overview of the project's performance and impact.

Detailed steps to Solution Design

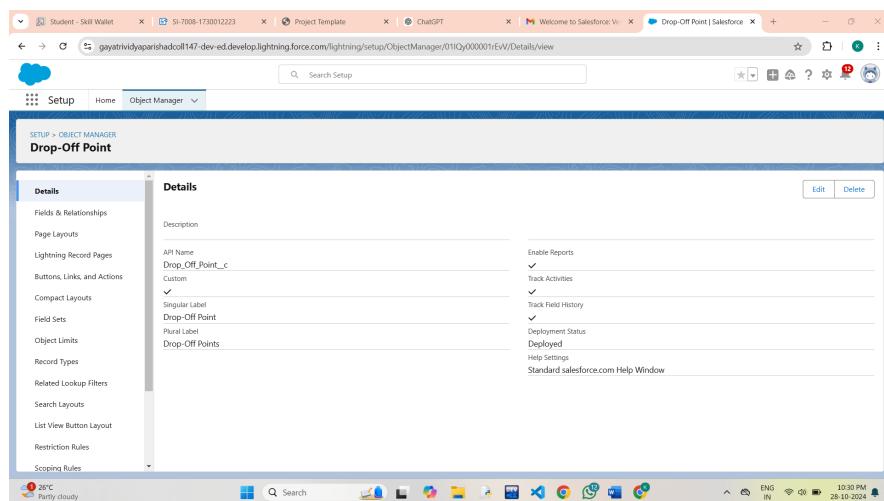
1. Salesforce developer account creation

- Creating a developer org in salesforce
- Account Activation



2. Object

Drop-Off Point



Task

The screenshot shows the Salesforce Setup interface with the 'Object Manager' selected. The main pane displays the 'Task' object's details. The 'Details' tab is active, showing the following configuration:

- Description:** Task
- API Name:** Task_c
- Singular Label:** Task
- Plural Label:** Tasks
- Enable Reports:** ✓
- Track Activities:** ✓
- Track Field History:** ✓
- Deployment Status:** Deployed
- Help Settings:** Standard salesforce.com Help Window

The left sidebar lists various setup categories such as Fields & Relationships, Page Layouts, Lightning Record Pages, etc.

Execution Detail

The screenshot shows the Salesforce Setup interface with the 'Object Manager' selected. The main pane displays the 'Execution Detail' object's details. The 'Details' tab is active, showing the following configuration:

- Description:** Execution Detail
- API Name:** Execution_Detail_c
- Singular Label:** Execution Detail
- Plural Label:** Execution Details
- Enable Reports:** ✓
- Track Activities:** ✓
- Track Field History:** ✓
- Deployment Status:** Deployed
- Help Settings:** Standard salesforce.com Help Window

The left sidebar lists various setup categories such as Fields & Relationships, Page Layouts, Lightning Record Pages, etc.

Volunteer

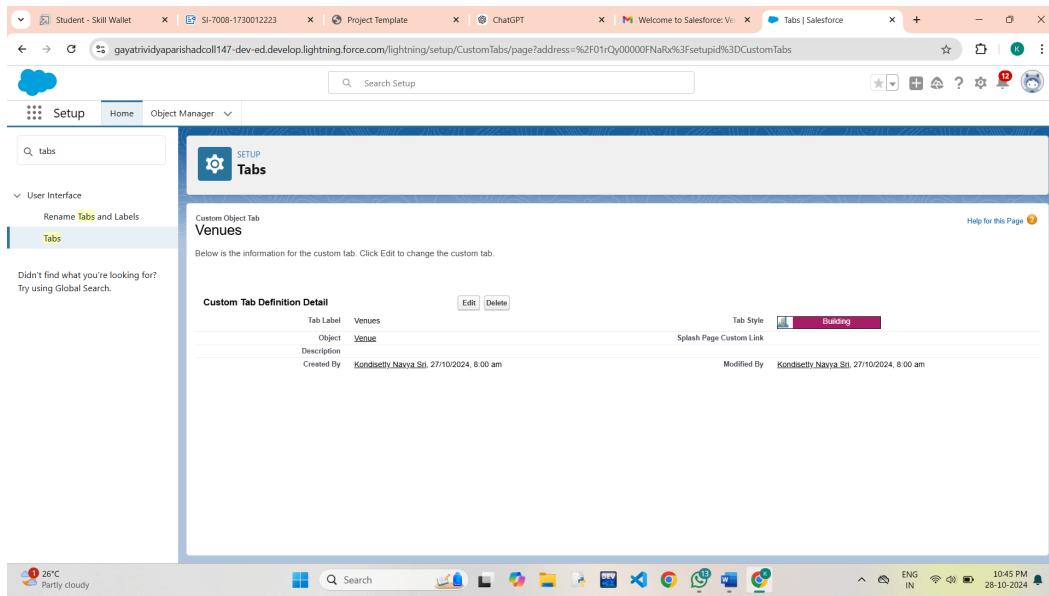
The screenshot shows the Salesforce Setup interface for the 'Object Manager'. The left sidebar lists various configuration options: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'Volunteer' under 'SETUP > OBJECT MANAGER'. It displays the 'Details' tab for the 'Volunteer' object. The 'Description' section contains the API Name 'Volunteer__c'. The 'Custom' checkbox is checked. Under 'Singular Label', it shows 'Volunteer'. Under 'Plural Label', it shows 'Volunteers'. On the right side, there are sections for 'Enable Reports', 'Track Activities', 'Track Field History', 'Deployment Status' (set to 'Deployed'), and 'Help Settings' (linking to 'Standard salesforce.com Help Window'). At the bottom right of the main window are 'Edit' and 'Delete' buttons. The status bar at the bottom shows the date and time as 28-10-2024 10:37 PM.

Venue

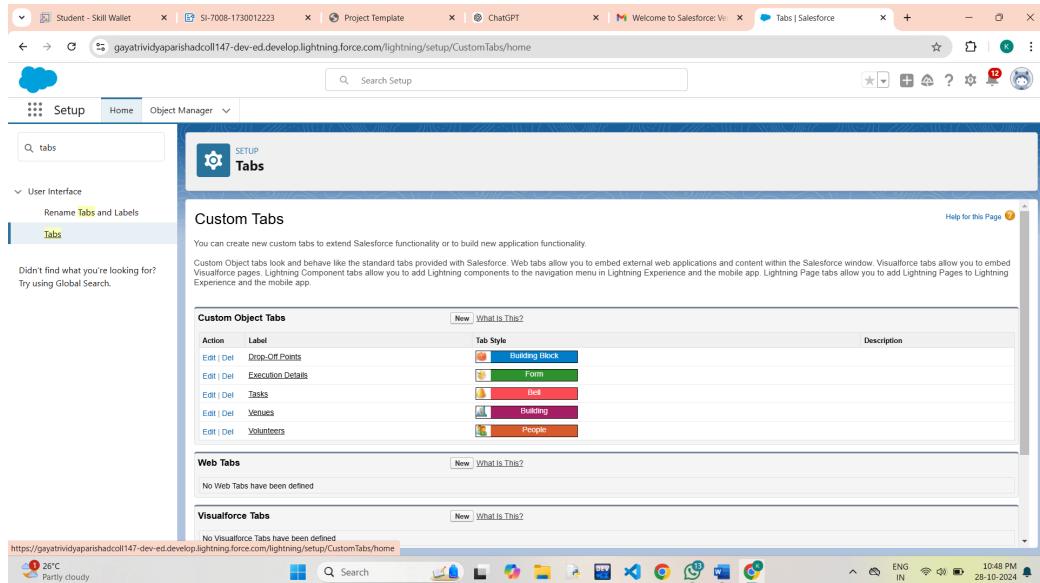
The screenshot shows the Salesforce Setup interface for the 'Object Manager'. The left sidebar lists various configuration options: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'Venue' under 'SETUP > OBJECT MANAGER'. It displays the 'Details' tab for the 'Venue' object. The 'Description' section contains the API Name 'Venue__c'. The 'Custom' checkbox is checked. Under 'Singular Label', it shows 'Venue'. Under 'Plural Label', it shows 'Venues'. On the right side, there are sections for 'Enable Reports', 'Track Activities', 'Track Field History', 'Deployment Status' (set to 'Deployed'), and 'Help Settings' (linking to 'Standard salesforce.com Help Window'). At the bottom right of the main window are 'Edit' and 'Delete' buttons. The status bar at the bottom shows the date and time as 28-10-2024 10:39 PM.

3. Tabs

Create Venue Tab



- create the Tabs for the remaining Objects, they are “Drop-Off Point, Task, Volunteer, Execution Details”.



4. Create a Lightning App

Will create a lightning app page-

The screenshot shows the 'Lightning App Builder' interface in a browser window. The left sidebar has 'App Settings' selected, with 'App Details & Branding' highlighted. The main area displays 'App Details & Branding' settings. Under 'App Details', the 'App Name' is set to 'FoodConnect' and the 'Developer Name' is also 'FoodConnect'. Under 'App Branding', there is a placeholder image for 'Food Connect' and a color hex value of '#0070D2'. A checkbox for 'Org Theme Options' is present. Below this is an 'App Launcher Preview' section showing a card with the app's logo and name.

The screenshot shows the 'Lightning App Builder' interface in a browser window. The left sidebar has 'App Settings' selected, with 'Navigation Items' highlighted. The main area displays 'Navigation Items' settings. On the left is a list of 'Available Items' including Accounts, All Sites, Alternative Payment Methods, Analytics, App Launcher, Appointment Categories, Appointment Invitations, Approval Requests, Asset Action Sources, Asset Actions, and more. On the right is a list of 'Selected Items' including Home, Venues, Drop-Off Points, Execution Details, Volunteers, Reports, Dashboards, and Tasks. Navigation arrows between the two lists allow items to be moved.

5. Field

Creation of Fields for the Volunteer Object - Gender

The screenshot shows the Salesforce Setup interface for creating a custom field named 'Gender' on the 'Volunteer' object. The 'Field & Relationships' tab is selected. The 'Field Information' section shows the field label 'Gender', field name 'Gender', API name 'Gender__c', and data type 'Picklist'. The 'General Options' section indicates it is required and has a default value. The 'Picklist Options' section shows a single entry 'Male'.

Execution ID

The screenshot shows the Salesforce Setup interface for creating a custom field named 'Execution ID' on the 'Volunteer' object. The 'Field & Relationships' tab is selected. The 'Field Information' section shows the field label 'Execution ID', field name 'Execution_ID', API name 'Execution_ID_c', and data type 'Auto Number'. The 'General Options' section indicates it is an external ID.

Date of Birth

The screenshot shows the Salesforce Setup interface for creating a custom field named 'Date of Birth' on the 'Volunteer' object. The 'Field & Relationships' tab is selected. The 'Field Information' section shows the field label 'Date of Birth', field name 'Date_of_Birth', API name 'Date_of_Birth_c', and data type 'Date'. The 'General Options' section indicates it is required.

Address

The screenshot shows the Salesforce Object Manager interface for the 'Volunteer' object. On the left, a sidebar lists various setup options like Details, Fields & Relationships, Page Layouts, and Record Types. The 'Fields & Relationships' section is selected. In the main content area, a 'Volunteer Custom Field' named 'Address' is displayed. The 'Field Information' section shows the field label as 'Address', field name as 'Address__c', API name as 'Address__c', and data type as 'Long Text Area'. The 'General Options' section includes fields for Required (checked), Unique (unchecked), External ID (unchecked), AI Prediction (unchecked), and Default Value. The 'Long Text Area Options' section shows '# Visible Lines' set to 3 and 'Length' set to 32,768. The page header indicates the setup path: SETUP > OBJECT MANAGER > Volunteer.

Contact Number

The screenshot shows the Salesforce Object Manager interface for the 'Volunteer' object. The sidebar and setup path are identical to the previous screenshot. A 'Volunteer Custom Field' named 'Contact Number' is displayed. The 'Field Information' section shows the field label as 'Contact Number', field name as 'Contact_Number__c', API name as 'Contact_Number__c', and data type as 'Number'. The 'General Options' section includes fields for Required (checked), Unique (unchecked), External ID (unchecked), AI Prediction (unchecked), and Default Value. The page header indicates the setup path: SETUP > OBJECT MANAGER > Volunteer.

Email

The screenshot shows the Salesforce Object Manager interface for the 'Volunteer' object. The sidebar and setup path are identical to the previous screenshots. A 'Volunteer Custom Field' named 'Email' is displayed. The 'Field Information' section shows the field label as 'Email', field name as 'Email__c', API name as 'Email__c', and data type as 'Email'. The 'General Options' section includes fields for Required (checked), Unique (unchecked), External ID (unchecked), AI Prediction (unchecked), and Default Value. The page header indicates the setup path: SETUP > OBJECT MANAGER > Volunteer.

Age

The screenshot shows the Salesforce Setup interface for creating a custom field. The object selected is 'Volunteer'. The field name is 'Age' (API Name: Age__c). The data type is 'Number'. The field is required. A validation rule is defined: 'Age >= 0'. The field is used in a lightning record page.

Field Information	Value
Field Label	Age
Field Name	Age
API Name	Age__c
Description	Help Text
Data Owner	Field Usage
Data Sensitivity Level	Compliance Categorization
Created By	Ankanasha Trigani
Modified By	Ankanasha Trigani

General Options	Value
Required	<input checked="" type="checkbox"/>
Unique	<input type="checkbox"/>
External ID	<input type="checkbox"/>
AI Prediction	<input type="checkbox"/>
Default Value	

Available On

The screenshot shows the Salesforce Setup interface for creating a custom field. The object selected is 'Volunteer'. The field name is 'Available On' (API Name: Available_On__c). The data type is 'Date'. The field is required. A validation rule is defined: 'Available On >= Today()'. The field is used in a lightning record page.

Field Information	Value
Field Label	Available On
Field Name	Available_On
API Name	Available_On__c
Description	Help Text
Data Owner	Field Usage
Data Sensitivity Level	Compliance Categorization
Created By	Ankanasha Trigani
Modified By	Ankanasha Trigani

General Options	Value
Required	<input checked="" type="checkbox"/>
Default Value	

Validation Rules	Value
No validation rules defined.	

Volunteer ID

The screenshot shows the Salesforce Setup interface for creating a custom field. The object selected is 'Volunteer'. The field name is 'Volunteer ID' (API Name: Volunteer_ID__c). The data type is 'Auto Number'. The field is external ID. An auto number option is defined: 'Display Format'.

Field Information	Value
Field Label	Volunteer ID
Field Name	Volunteer_ID
API Name	Volunteer_ID__c
Description	Help Text
Data Owner	Field Usage
Data Sensitivity Level	Compliance Categorization
Created By	Ankanasha Trigani
Modified By	Ankanasha Trigani

General Options	Value
External ID	<input checked="" type="checkbox"/>

Auto Number Options	Value
Display Format	

Drop-Off Point

The screenshot shows the 'Object Manager' section of the Salesforce Setup. A new custom field 'Drop_Off_point' is being created for the 'Volunteer' object. The field is of type 'Lookup' and points to the 'Drop-Off Point' object. It is labeled 'Drop Off Point'. The 'Field Information' section includes fields for Field Label, Field Name, API Name, Description, Help Text, Data Owner, Field Usage, Data Sensitivity Level, and Compliance Categorization. The 'Validation Rules' section is currently empty. The 'Custom Field Definition Detail' tab is selected.

Creation of Fields for the Venue Object

Contact Email

The screenshot shows the 'Object Manager' section of the Salesforce Setup. A new custom field 'Contact Email' is being created for the 'Venue' object. The field is of type 'Email' and is labeled 'Contact Email'. The 'Field Information' section includes fields for Field Label, Field Name, API Name, Description, Help Text, Data Owner, Field Usage, Data Sensitivity Level, and Compliance Categorization. The 'Validation Rules' section is currently empty. The 'Custom Field Definition Detail' tab is selected.

Contact Phone

The screenshot shows the 'Object Manager' section of the Salesforce Setup. A new custom field 'Contact Phone' is being created for the 'Venue' object. The field is of type 'Phone' and is labeled 'Contact Phone'. The 'Field Information' section includes fields for Field Label, Field Name, API Name, Description, Help Text, Data Owner, Field Usage, Data Sensitivity Level, and Compliance Categorization. The 'Validation Rules' section is currently empty. The 'Custom Field Definition Detail' tab is selected.

Location

The screenshot shows the 'Object Manager' section of the Salesforce Setup. A new custom field 'Location' is being created for the 'Venue' object. The field is defined as a Geolocation type with a label 'Location'. It has an API name 'Location__c' and a description 'Enter the Geolocation of your Venue'. The field is marked as required. Under 'Validation Rules', there are no rules defined.

Venue Location

The screenshot shows the 'Object Manager' section of the Salesforce Setup. A new custom field 'Venue Location' is being created for the 'Venue' object. The field is defined as a Long Text Area type with a label 'Venue Location'. It has an API name 'Venue_Location__c' and a description 'Enter the Geolocation of your Venue'. The field is marked as required. Under 'Validation Rules', there are no rules defined.

Creation of Fields for the Drop-Off Point Object

Location 2

The screenshot shows the 'Object Manager' section of the Salesforce Setup. A new custom field 'Location 2' is being created for the 'Drop-Off Point' object. The field is defined as a Geolocation type with a label 'Location 2'. It has an API name 'Location_2__c' and a description 'Enter the Geolocation of the Drop off Point'. The field is marked as required. Under 'Validation Rules', there are no rules defined.

Distance Calculation

The screenshot shows the Salesforce Setup interface under Object Manager for the 'Drop-Off Point' object. A custom field named 'distance_calculation' is being created. The field is of type Formula (Type: \$) with a formula of 'DISTANCE(Location__r.Latitude__c, Location__r.Longitude__c, Location__r.Latitude__c, Location__r.Longitude__c, km)'. Other details include Field Label: 'distance calculation', Field Name: 'distance_calculation', and API Name: 'distance_calculation_c'.

Creation of Fields for the Task Object

Venue_c

The screenshot shows the Salesforce Setup interface under Object Manager for the 'Task' object. A custom field named 'Venue_c' is being created. The field is of type Lookup (Type: Task) with a related list label 'Tasks'. Other details include Field Label: 'Venue_c', Field Name: 'Venue', and API Name: 'Venue__c'.

Feedback

The screenshot shows the Salesforce Setup interface under Object Manager for the 'Task' object. A custom field named 'Feedback' is being created. The field is of type Long Text Area (Type: Long TextArea). Other details include Field Label: 'Feedback', Field Name: 'Feedback', and API Name: 'Feedback__c'.

Rating

The screenshot shows the Salesforce Setup interface under the Object Manager section for the 'Task' object. A new custom field named 'Rating' is being created. The 'Field Information' section includes the field label 'Rating', field name 'Rating', API name 'Rating__c', and a picklist data type. The 'General Options' section shows 'Required' checked and a default value of 'None'. The 'Picklist Options' section indicates that the picklist restricts values to a defined set. The 'Validation Rules' section is currently empty.

Phone

The screenshot shows the Salesforce Setup interface under the Object Manager section for the 'Task' object. A new custom field named 'Phone' is being created. The 'Field Information' section includes the field label 'Phone', field name 'Phone', API name 'Phone__c', and a phone data type. The 'General Options' section shows 'Required' checked and a default value of 'None'. The 'Validation Rules' section is currently empty.

Name of the Person

The screenshot shows the Salesforce Setup interface under the Object Manager section for the 'Task' object. A new custom field named 'Name of the Person' is being created. The 'Field Information' section includes the field label 'Name of the Person', field name 'Name_of_the_Person', API name 'Name_of_the_Person__c', and a text data type. The 'General Options' section shows 'Required' checked and a unique constraint applied. The 'Text Options' section specifies a length of 20 characters.

Food Category

The screenshot shows the 'Task Custom Field' configuration page. The field is named 'Food Category' with API name 'Food_Category__c'. It is a 'Picklist (Multi-Select)' type. The 'General Options' section has 'Required' checked. Under 'Picklist (Multi-Select) Options', there is a note about restricting picks to defined values, a 'Controlling Field' dropdown set to 'New', and a 'Visible Lines' dropdown set to '4'. The object name is 'Task' and the data type is 'Picklist (Multi-Select)'.

Number of People Served

The screenshot shows the 'Task Custom Field' configuration page. The field is named 'Number of People Served' with API name 'Number_of_People_Served'. It is a 'Number' type. The 'General Options' section has 'Required' checked. Under 'Number Options', the length is set to 18 and decimal places to 0. The object name is 'Task' and the data type is 'Number'.

Date

The screenshot shows the 'Task Custom Field' configuration page. The field is named 'Date' with API name 'Date__c'. It is a 'Date' type. The 'General Options' section has 'Required' checked. Under 'Validation Rules', it says 'No validation rules defined.' The object name is 'Task' and the data type is 'Date'.

Task ID

The screenshot shows the Salesforce Setup interface under Object Manager. A custom field named 'Task ID' is being created for the 'Task' object. The field is defined as an Auto Number type with a display format of 'TASK-[0]'. It has a Help Text of 'Task ID' and a Description of 'Task_ID_c'. The field is owned by the Data Owner and is used in the Data Usage section.

Creation of Fields for the Execution Details Object

Volunteer

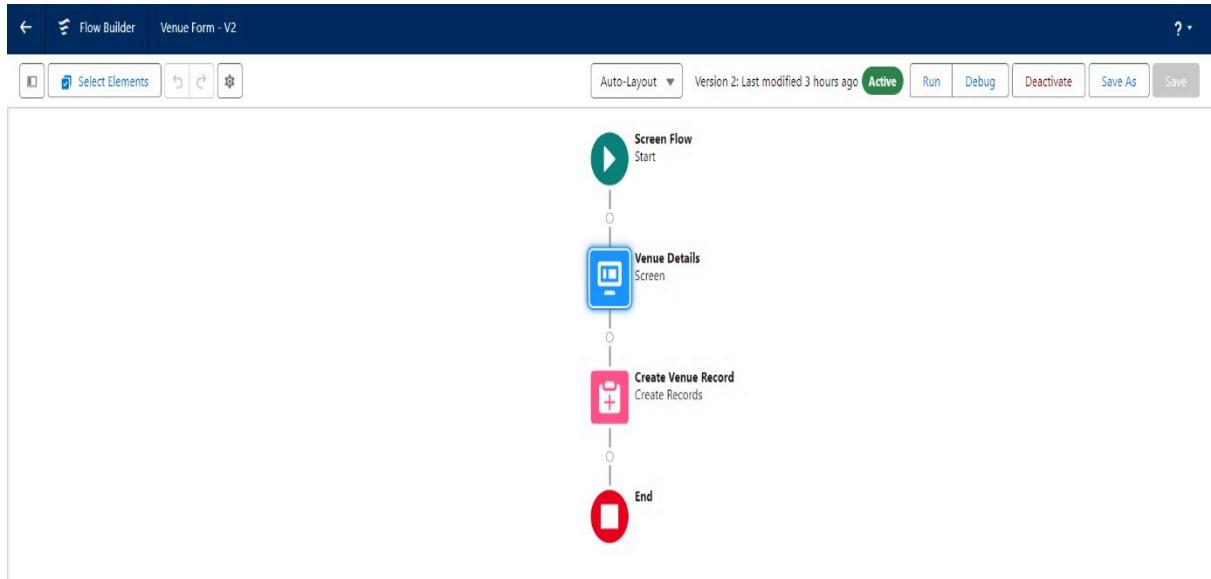
The screenshot shows the Salesforce Setup interface under Object Manager. A custom field named 'Volunteer' is being created for the 'Execution Detail' object. The field is defined as a Lookup type, related to the 'Volunteer' object. It has a Help Text of 'Volunteer' and a Description of 'Volunteer__c'. The field is owned by the Data Owner and is used in the Data Usage section.

Task

The screenshot shows the Salesforce Setup interface under Object Manager. A custom field named 'Task' is being created for the 'Execution Detail' object. The field is defined as a Master-Detail type, related to the 'Task' object. It has a Help Text of 'Task' and a Description of 'Task_c'. The field is owned by the Data Owner and is used in the Data Usage section. The Master-Detail Options section shows the relationship settings.

6.Flows

Flow to Create a Record in Venue Object



7. Trigger

Trigger Code

```
trigger DropOffTrigger on Drop_Off_Point__c (before insert) {
    for(Drop_Off_Point__c Drop : Trigger.new){
        Drop.Distance__c = Drop.distance_calculation__c;
    }
}
```

The screenshot shows the Salesforce developer console with the code editor open. The code is pasted above. Below the code editor is a test results table.

Status	Test Run	Enqueued Time	Duration	Failures	Total	Overall Code Coverage									
						<table border="1"><thead><tr><th>Class</th><th>Percent</th><th>Lines</th></tr></thead><tbody><tr><td>Overall</td><td>0%</td><td></td></tr><tr><td>DropOffTrigger</td><td>0%</td><td>0/2</td></tr></tbody></table>	Class	Percent	Lines	Overall	0%		DropOffTrigger	0%	0/2
Class	Percent	Lines													
Overall	0%														
DropOffTrigger	0%	0/2													

8. Profiles

NGOs Profile

Name: NGOs Profile
User License: Salesforce Platform
Description:
Created by: Akansha Tripathi 21/08/2024, 1:07 am
Modified by: Akansha Tripathi 28/08/2024, 10:27 pm

Profile Detail

Page Layouts

Standard Object Layouts	Global	Lead
Email Application	Global Layout [View Assignment]	Lead Layout [View Assignment]
Home Page Layout	Not Assigned [View Assignment]	Location Layout [View Assignment]
Account	Account Layout [View Assignment]	Location Group Layout [View Assignment]
Alternative Payment Method	Alternative Payment Method Layout [View Assignment]	Object Milestone Layout [View Assignment]
Appointment Invitation	Appointment Invitation Layout [View Assignment]	Operating Hour Layout [View Assignment]
Asset	Asset Layout [View Assignment]	Order Layout [View Assignment]
Asset Relationship	Asset Relationship Layout [View Assignment]	Order Product Layout [View Assignment]

9. Users

Iksha Foundation Iksha

Iksha Foundation Iksha_Foundation

User Detail

Name: Iksha Foundation Iksha_Foundation
Email: iksha23@gmail.com [Verify]
Nickname: iksha23@gmail.com
Title: User172418261002535119
Department:
Division:
Address:
Time Zone: (GMT+05:30) India Standard Time (Asia/Kolkata)
Locale: English (India)
Language: English
Delegated Approver: Manager
Receive Approval Request Email: Only if I am an approver
Feedback ID:
App Registration: One-Time Password Authenticator
App Registration: Salesforce Authenticator
Security Key (2FA or WebAuthn)

Role

User License: Salesforce Platform
Profile: NGOs Profile
Active:
Marketing User:
Offline User:
Knowledge User:
Power User:
Service Cloud User:
Site.com Contributor User:
Site.com Publisher User:
VDC User:
Mobile Push Registrations:
Data.com User Type:
Accessibility Mode (Classic Only):
Debug Mode:
High-Contrast Palette on Charts:
Load Lightning Page While Scrolling:
Salesforce CRM Content User:
Receive Salesforce CRM Content Email Alerts:

Public Groups

NGOs Profile

NSS

User Detail

Name: NSS NSS
Alias: nnas
Email: nsa32@gmail.com [Verify]
Username: nsa32@gmail.com
Nickname: User17241829160033699407
Title:
Company:
Department:
Division:
Address:
Time Zone: (GMT+05:30) India Standard Time (Asia/Kolkata)
Locale: English (India)
Language: English
Delegated Approver:
Manager:
Receive Approval Request Emails: Only if I am an approver
Federation ID:
App Registration: One-Time Password Authentication:
App Registration: Salesforce Authenticator:
Security Key (U2F or WebAuthn):

Role

User License: Salesforce Platform
Profile: NGOs Profile
Active:

Marketing User:
Offline User:
Knowledge User:
Flow User:
Service Cloud User:
Site.com Contributor User:
Site.com Publisher User:
WDC User:

Mobile Push Registrations:
Data.com User Type:

Accessibility Mode (Classic Only):
Debug Mode:
High-Contrast Palette on Charts:
Load Lightning Pages While Scrolling:
Salesforce CRM Content User:
Receive Salesforce CRM Content Email Alerts:

Street Cause

User Detail

Name: Street Cause Street_Cause
Alias: stree
Email: street32@sbi.com [Verify]
Username: street32@sbi.com
Nickname: User17241829015283133942
Title:
Company:
Department:
Division:
Address:
Time Zone: (GMT+05:30) India Standard Time (Asia/Kolkata)
Locale: English (India)
Language: English
Delegated Approver:
Manager:
Receive Approval Request Emails: Only if I am an approver
Federation ID:
App Registration: One-Time Password Authentication:
App Registration: Salesforce Authenticator:
Security Key (U2F or WebAuthn):

Role

User License: Salesforce Platform
Profile: NGOs Profile
Active:

Marketing User:
Offline User:
Knowledge User:
Flow User:
Service Cloud User:
Site.com Contributor User:
Site.com Publisher User:
WDC User:

Mobile Push Registrations:
Data.com User Type:

Accessibility Mode (Classic Only):
Debug Mode:
High-Contrast Palette on Charts:
Load Lightning Pages While Scrolling:
Salesforce CRM Content User:
Receive Salesforce CRM Content Email Alerts:

10. Public Groups

Iksha

The screenshot shows the Salesforce Setup interface. The left sidebar is titled 'Users' and includes 'Public Groups'. The main content area is titled 'SETUP Public Groups' and shows a group named 'Iksha'. The group details are as follows:

Label	Iksha
Group Name	Iksha
Grant Access Using Hierarchies	<input checked="" type="checkbox"/>
Created By	Akansha Trigano
Modified By	Akansha Trigano

Below the group details, there is a table showing users assigned to the group:

Name	Type
Akansha Trigano	User
Iksha Foundation	User

NSS

The screenshot shows the Salesforce Setup interface. The left sidebar is titled 'Users' and includes 'Public Groups'. The main content area is titled 'SETUP Public Groups' and shows a group named 'NSS'. The group details are as follows:

Label	NSS
Group Name	NSS
Grant Access Using Hierarchies	<input checked="" type="checkbox"/>
Created By	Akansha Trigano
Modified By	Akansha Trigano

Below the group details, there is a table showing users assigned to the group:

Name	Type
Akansha Trigano	User
NSS	User

Street Cause

The screenshot shows the Salesforce Setup interface. The left sidebar is titled 'Users' and includes 'Public Groups'. The main content area is titled 'SETUP Public Groups' and shows a group named 'Street Cause'. The group details are as follows:

Label	Street Cause
Group Name	Street_Cause
Grant Access Using Hierarchies	<input checked="" type="checkbox"/>
Created By	Akansha Trigano
Modified By	Akansha Trigano

Below the group details, there is a table showing users assigned to the group:

Name	Type
Akansha Trigano	User
Street Cause	User

11. Report Types

Venue with DropOff with Volunteer

The screenshot shows the Salesforce Setup interface under the 'Report Types' section. A new report type is being created with the following details:

- Report Type Label:** Venue with DropOff with Volunteer
- Report Type Name:** Venue_With_DropOff_With_Volunteer
- Description:** Venue with DropOff with Volunteer
- Created By:** Akashika Togati
- Modified By:** Akashika Togati
- Report Type Category:** Other Reports
- Deployment Status:** Deployed
- Modified:** 27/08/2024, 6:20 pm

Object Relationships: A diagram shows three overlapping circles labeled A, B, and C. Circle A is labeled "Venues (A)". Circle B is labeled "... with or without related records from Drop-Off Points (B)". Circle C is labeled "... with or without related records from Volunteers (C)".

Fields Available for Reports:

Fields	Available Fields
Bonus	13
Venues	13
Drop-Off Points	13
Volunteers	18

12. Dashboards

The screenshot shows the FoodConnect dashboard with the following components:

- Task Execution Details:** A card titled "venue and Drop Off point" displays the message: "We can't draw this chart because there is no data."
- Volunteer Task:** A card titled "Volunteer Task" displays the message: "We can't draw this chart because there is no data."
- Image:** A large image on the right shows a person in a yellow apron serving food from a large pot to another person's plate.

13. Sharing Rules

The screenshot shows the Salesforce Sharing Settings page under the Setup menu. The left sidebar includes links for Security, Guest User Sharing Rule Access Report, and Sharing Settings. The main content area displays various sharing rule categories:

- Work Type Group Sharing Rules**: No sharing rules specified.
- Drop-Off Point Sharing Rules**:
 - Action: Criteria
 - Edit | Del Drop-Off Point: Distance LESS THAN 15
 - Edit | Del (Drop-Off Point: Distance GREATER THAN 15) AND (Drop-Off Point: Distance LESS OR EQUAL 30)
 - Edit | Del (Drop-Off Points: Distance GREATER THAN 30) AND (Drop-Off Point: Distance LESS OR EQUAL 50)
- Task Sharing Rules**: No sharing rules specified.
- Venue Sharing Rules**: No sharing rules specified.
- Volunteer Sharing Rules**: No sharing rules specified.

Each rule section includes "New" and "Recalculate" buttons. Help links are provided for each category: Work Type Group Sharing Rules Help, Drop-Off Point Sharing Rules Help, Task Sharing Rules Help, Venue Sharing Rules Help, and Volunteer Sharing Rules Help.

Key Scenarios addressed by Salesforce in the implementation of Project

Coordinating Drop-Off Points and Volunteers for Efficient Food Distribution:

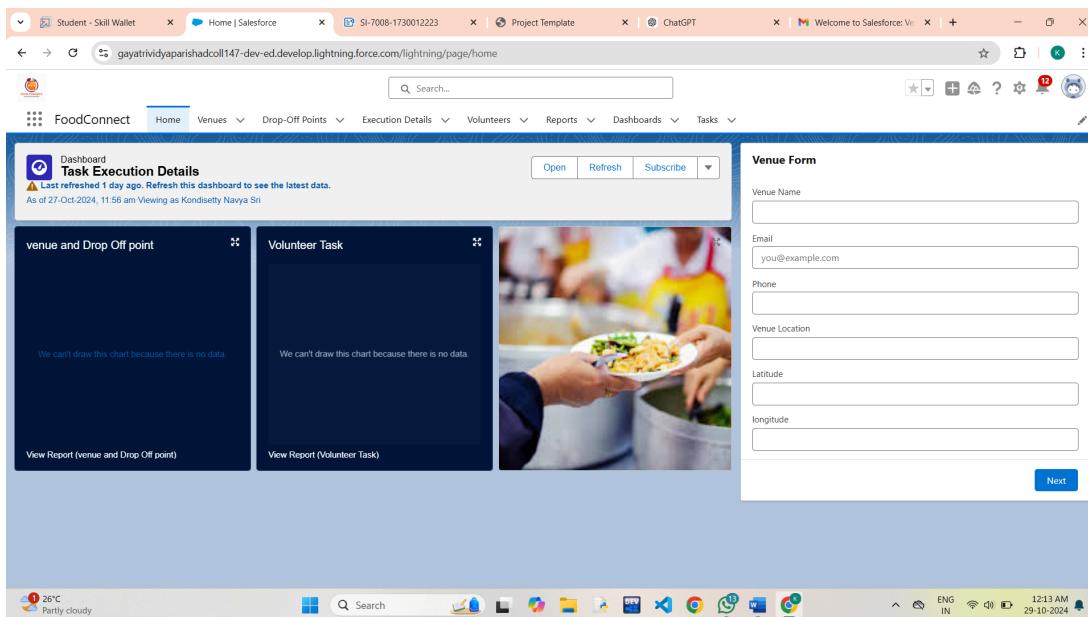
- **Scenario:** A new food donation is ready for pickup, and a nearby volunteer needs to be assigned quickly.
- **Salesforce Solution:** Custom objects and fields track each drop-off point, volunteer availability, and location. Salesforce Flows are used to assign volunteers to nearby drop-off points, ensuring timely pickup and efficient distribution. This process automates assignment and minimizes response time, helping maximize food utilization.

Managing Delivery and Tracking Status Updates in Real Time:

- **Scenario:** Field agents need to update the status of donations as they proceed through pickup and delivery.
- **Salesforce Solution:** Salesforce's mobile integration allows field agents to update donation statuses in real time from their mobile devices. This capability keeps the system up-to-date for all stakeholders, from donors to recipient organizations, ensuring transparency and accountability at each stage of the delivery process.

Conclusion

The Salesforce-powered system transformed the management of surplus food donations into a streamlined, transparent process that effectively addresses food insecurity. By facilitating seamless coordination with volunteers and ensuring prompt deliveries, the project maximizes resource use and supports communities in need. This efficient and scalable approach contributes significantly to reducing food waste while directly impacting hunger relief efforts.



Thank You