To Supply Leftover Food to Poor (Developer)

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Introduction:

Utilizing Salesforce, our project streamlines surplus food collection and distribution to the needy, ensuring efficiency and transparency
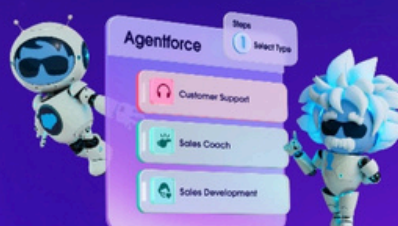
Creating Developer Account:

Creating a developer org in salesforce. https://developer.salesforce.com

create an object:

Create a drop-off point,task, volunteer, execution detail:.

Details

| Details | | Edit | Delete |

Description

API Name	Enable Reports
Drop_Off_Point__c	✓
Custom	Track Activities
✓	✓
Singular Label	Track Field History
Drop-Off Point	✓
Plural Label	Deployment Status
Drop-Off Points	Deployed
	Help Settings
	Standard salesforce.com Help Window

Details
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
Scoping Rules
Object Access
Triggers
Flow Triggers
Validation Rules
Conditional Field Formatting

Details

| Details | | Edit | Delete |

Description

| API Name	Enable Reports
Volunteer__c	✓
Custom	Track Activities
✓	✓
Singular Label	Track Field History
Volunteer	✓
Plural Label	Deployment Status
Volunteers	Deployed
	Help Settings
	Standard salesforce.com Help Window

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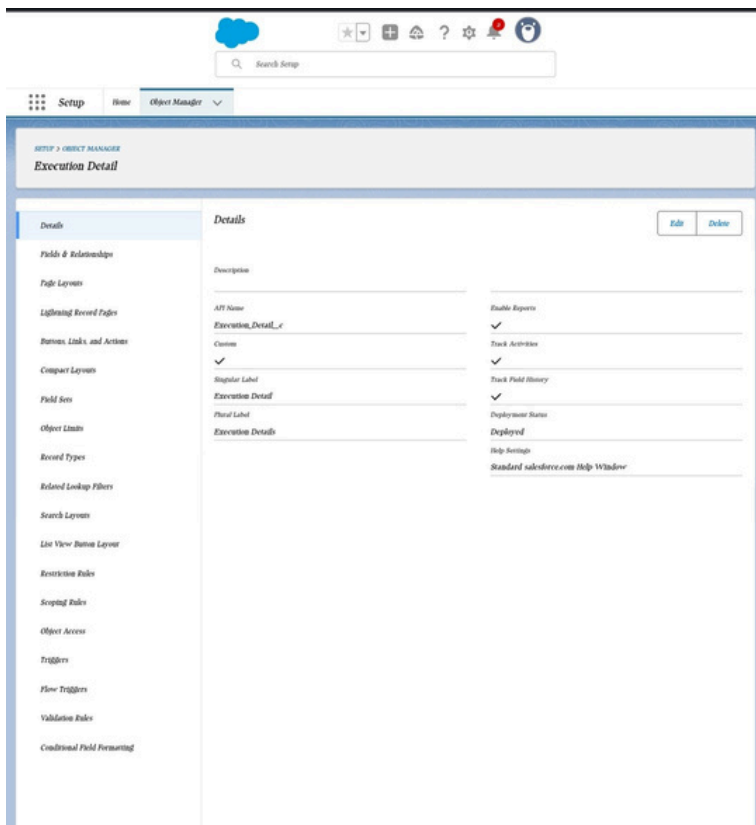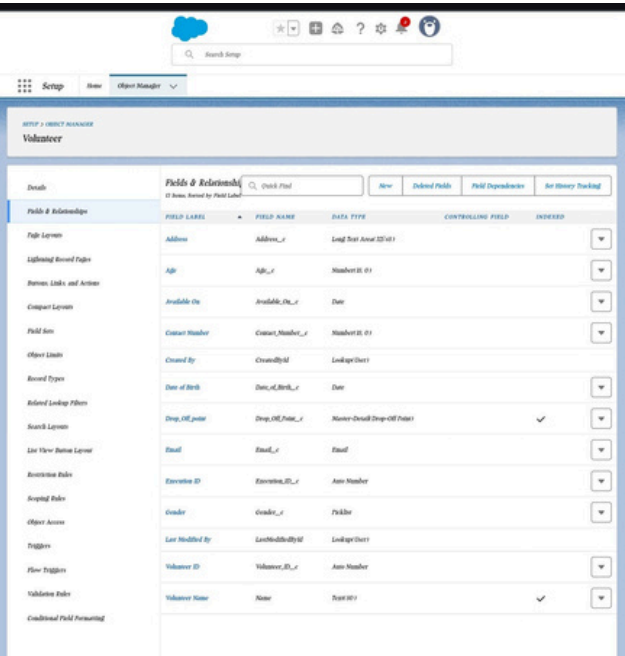
Create a tabs : venue,drop, volunteer,task, Execution detail
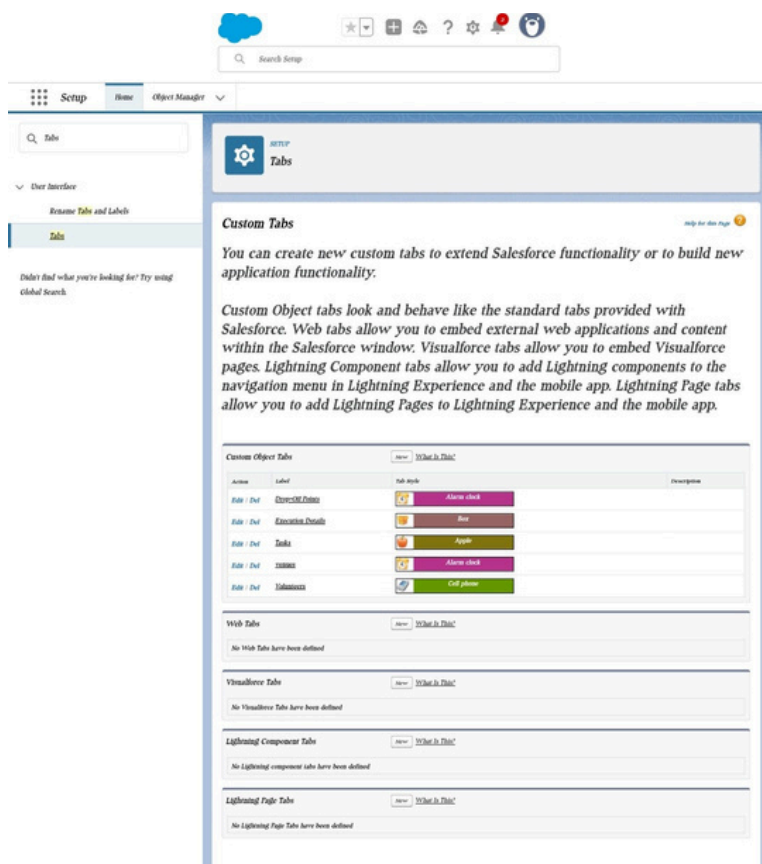
create a lightningapp:
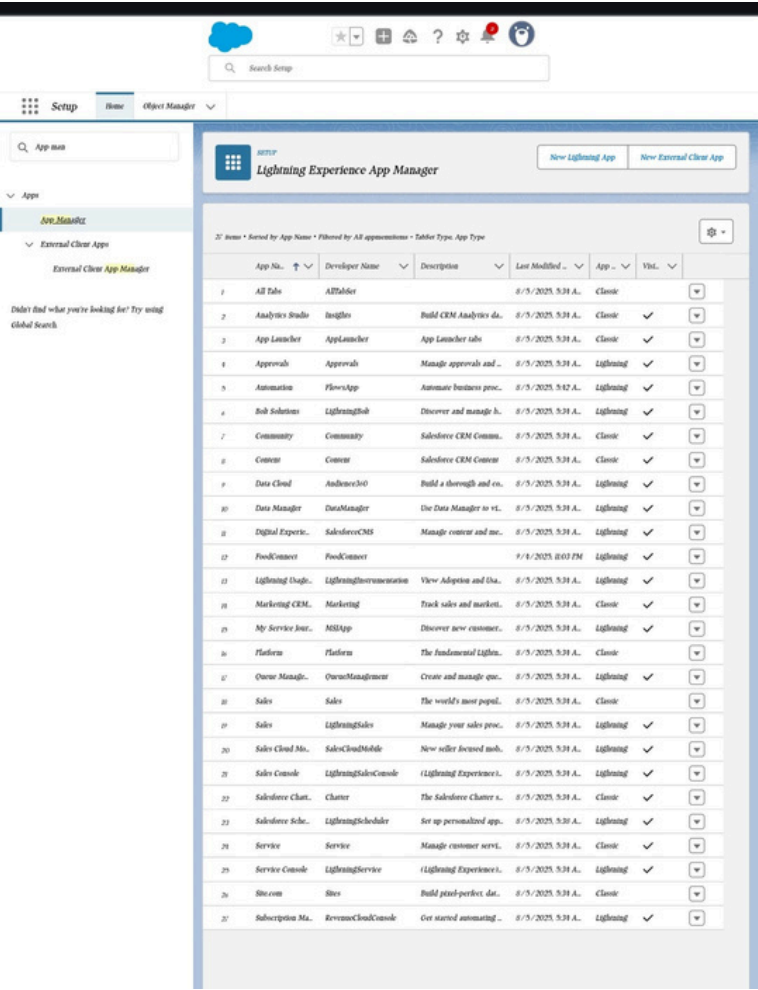
Creation of Relationship fields venue, drop, volunteer, task, Execution detailsin objects:

Volunteer

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Fields & Relationships
13 Items, Sorted by Field Label

Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Long Text Area(32/63)		
Age	Age__c	Number(18, 0)		
Available On	Available_On__c	Date		
Contact Number	Contact_Number__c	Number(18, 0)		
Created By	CreatedById	Lookup(User)		
Date of Birth	Date_of_Birth__c	Date		
Drop_Off_point	Drop_Off_Point__c	Master-Detail(Drop-Off Point)		✓
Email	Email__c	Email		
Execution ID	Execution_ID__c	Auto Number		
Gender	Gender__c	Picklist		
Last Modified By	LastModifiedById	Lookup(User)		
Volunteer ID	Volunteer_ID__c	Auto Number		
Volunteer Name	Name	Text(80)		✓

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venue

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Fields & Relationships
8 Items, Sorted by Field Label

Quick Find | New | Deleted Fields | Field Dependen...

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD
Contact Email	Contact_Email__c	Email	
Contact Phone	Contact_Phone__c	Phone	
Created By	CreatedById	Lookup(User)	
Last Modified By	LastModifiedById	Lookup(User)	
Location	Location__c	Geolocation	
Owner	OwnerId	Lookup(User,Group)	
Venue Location	Venue_Location__c	Long Text Area(32/63)	
venue Name	Name	Text(80)	

Create Flow to create a record in Venue object:

Create a Trigger:


```
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__c;
6
7      }
8
9  }
```
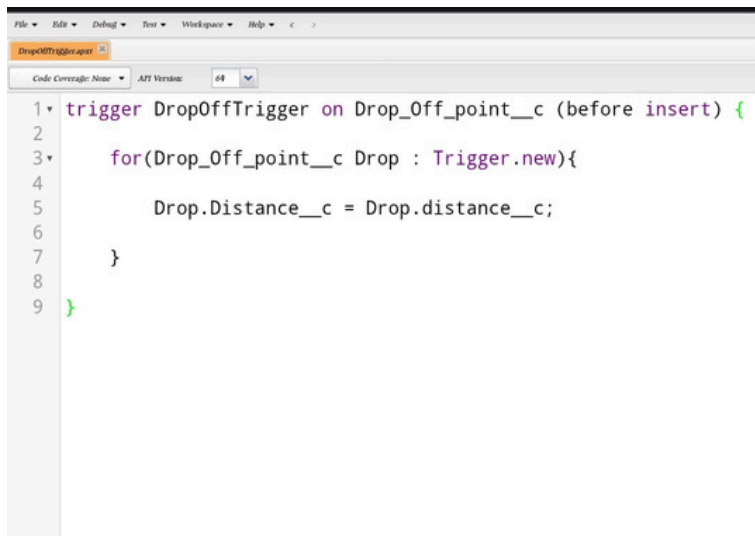
create a profiles :

Creation of Public Groups:
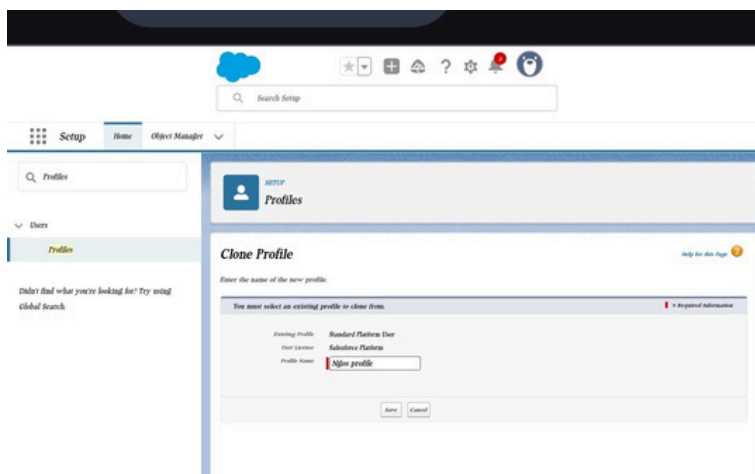
Creation of Report Types:

Adding a dashboards:

Creation of sharing rules

Creation of Home Page

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