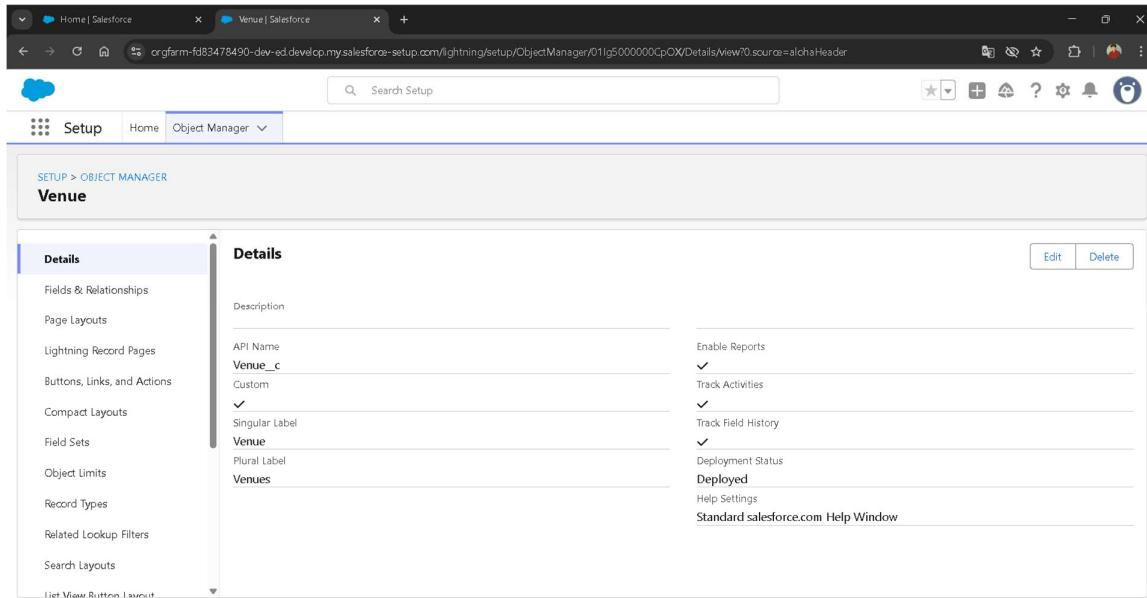


PHASE 6: PROJECT DEVELOPMENT PHASE - SALESFORCE GUIDED PROJECT

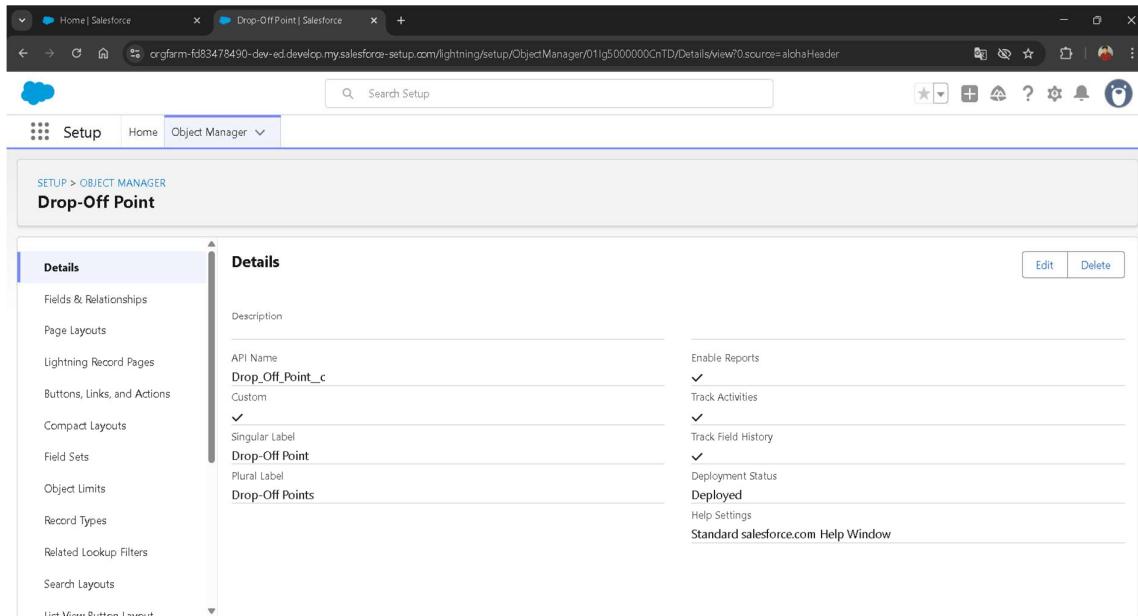
6.1 custom object creation

1. Create Venue Object



The screenshot shows the Salesforce Setup interface with the title bar "Home | Salesforce" and "Venue | Salesforce". The URL is "orgfarm-fd83478490-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01ig5000000CpOx/Details/view?source=alphaHeader". The main area is titled "SETUP > OBJECT MANAGER" and shows the "Venue" object. 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, and Search Layouts. The right panel displays the "Details" for the "Venue" object. The "API Name" is set to "Venue_c". Under "Custom", "Singular Label" is set to "Venue" and "Plural Label" is set to "Venues". On the right, checkboxes indicate settings like "Enable Reports" (checked), "Track Activities" (checked), "Track Field History" (checked), "Deployment Status" (set to "Deployed"), and "Help Settings" (set to "Standard salesforce.com Help Window").

2. Create Drop-off-point



The screenshot shows the Salesforce Setup interface with the title bar "Home | Salesforce" and "Drop-Off Point | Salesforce". The URL is "orgfarm-fd83478490-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01ig5000000ChTD/Details/view?source=alphaHeader". The main area is titled "SETUP > OBJECT MANAGER" and shows the "Drop-Off Point" object. 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, and Search Layouts. The right panel displays the "Details" for the "Drop-Off Point" object. The "API Name" is set to "Drop_Off_Point_c". Under "Custom", "Singular Label" is set to "Drop-Off Point" and "Plural Label" is set to "Drop-Off Points". On the right, checkboxes indicate settings like "Enable Reports" (checked), "Track Activities" (checked), "Track Field History" (checked), "Deployment Status" (set to "Deployed"), and "Help Settings" (set to "Standard salesforce.com Help Window").

3. Create Task

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, and Search Layouts. The right panel displays the 'Task' object details. The 'Details' section includes fields for Description, API Name (Task__c), Singular Label (Task), and Plural Label (Tasks). On the right, there are checkboxes for enabling Reports, Activities, Field History, and Help Settings, all of which are checked. Deployment status is set to 'Deployed'. A link to the Standard Salesforce.com Help Window is also present.

4. Create Volunteer

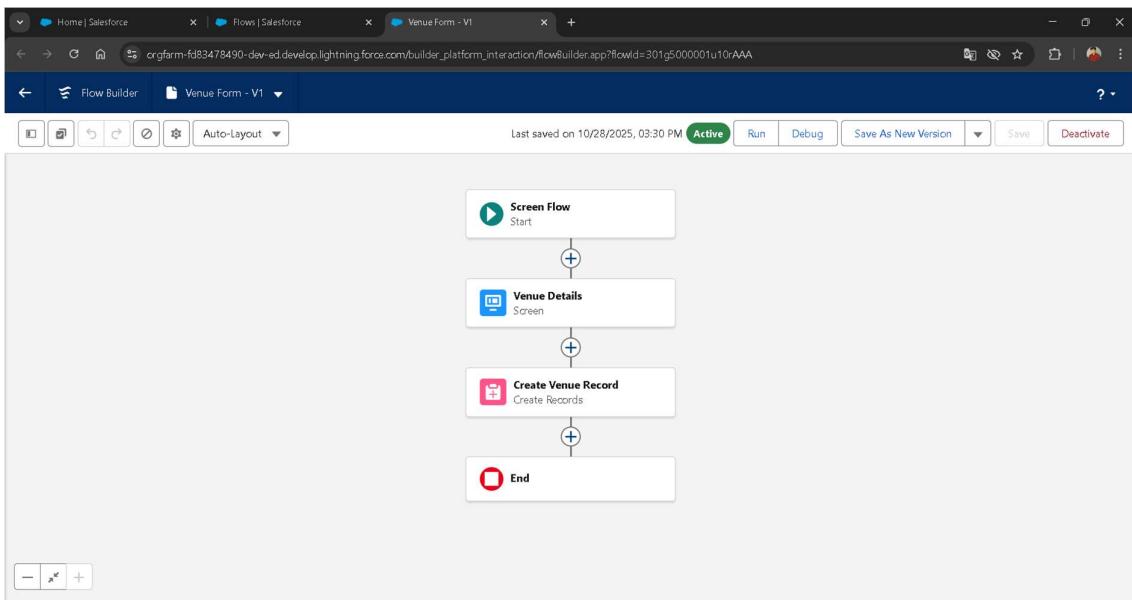
The screenshot shows the Salesforce Setup interface for the 'Object Manager'. The left sidebar lists various configuration options: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The right panel displays the 'Volunteer' object details. The 'Details' section includes fields for Description, API Name (Volunteer__c), Singular Label (Volunteer), and Plural Label (Volunteers). On the right, there are checkboxes for enabling Reports, Activities, Field History, and Help Settings, all of which are checked. Deployment status is set to 'Deployed'. A link to the Standard Salesforce.com Help Window is also present.

5. Create Execution Details

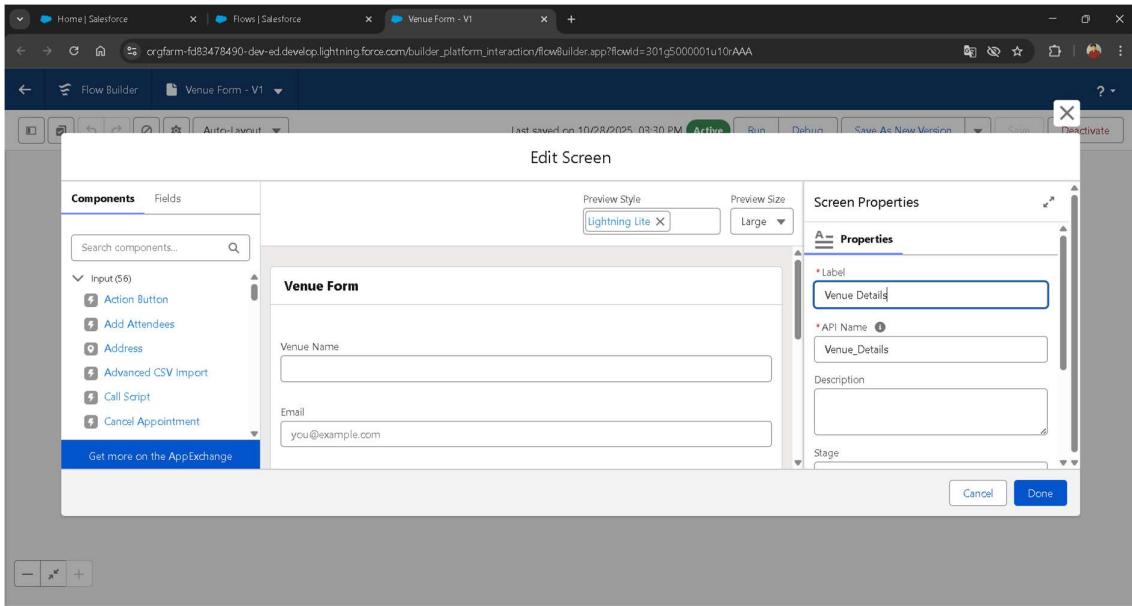
The screenshot shows the Salesforce Setup interface under the Object Manager section. The left sidebar lists various setup categories like Fields & Relationships, Page Layouts, and Lightning Record Pages. The main pane displays the 'Execution Detail' object's details. The API Name is set to 'Execution_Detail__c'. Under the 'Custom' section, the Singular Label is 'Execution Detail' and the Plural Label is 'Execution Details'. On the right, there are checkboxes for 'Enable Reports', 'Track Activities', 'Track Field History', and 'Deployment Status', all of which are checked. The status is listed as 'Deployed'. At the bottom right are 'Edit' and 'Delete' buttons.

6.2 Create Flow

1. To Create A Record in Venue Object



2. Create Label Name



3. Create Trigger And Enter 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;
    }
}
```

6.3 Creation Of Report Types

1. Creation of Report on Venue with DropOff with Volunteer

venue and Drop Off point | Salesforce

orgfarm-fd83478490-dev-ed.develop.lightning.force.com/lightning/r/Report/00Og5000000VtM5EAQ/view?queryScope=userFolders

FoodConnect Home Venues Tasks Drop-Off Points Execution Details Volunteers Reports Dashboards

Report: Venue with DropOff with Volunteer venue and Drop Off point

Total Records Total Distance
1 0.0000

Volunteer Name	Venue Name	Drop-Off Point Name	Distance
- {1}	Karthickraja K	-	0.0000
Subtotal			0.0000
Total (1)			0.0000

Row Counts Detail Rows Subtotals Grand Total

2. Creation of Report on Volunteers with Execution Details and Tasks

Volunteer Task | Salesforce

orgfarm-fd83478490-dev-ed.develop.lightning.force.com/lightning/r/Report/00Og5000000VuZLEAQ/view?queryScope=userFolders

FoodConnect Home Venues Tasks Drop-Off Points Execution Details Volunteers Reports Dashboards

Report: Volunteers with Execution Details and Tasks
Volunteer Task

Total Records 0



No Results

No records returned. Try editing report filters.
• Set the Available On filter to All Time.
• Edit other filters in the filter panel.

Row Counts Detail Rows Subtotals Grand Total

6.4 Dashboards

1. Adding a Picture to the Dashboard

The screenshot shows the 'Organization Details' dashboard in a Salesforce environment. The top navigation bar includes links for Home, Venues, Tasks, Drop-Off Points, Execution Details, Volunteers, Reports, and Dashboards. The 'Dashboards' tab is currently selected. The main content area features three cards: 'venue and Drop Off point' (listing 'Karthickraja K'), 'Volunteer Task' (displaying a message 'We can't draw this chart because there is no data.'), and a large image of fresh vegetables. A sidebar on the right contains links for 'View Report (venue and Drop Off point)', 'View Report (Volunteer Task)', and the date 'As of Nov 1, 2025, 5:13 AM'. The bottom of the sidebar also has 'Refresh', 'Edit', and 'Subscribe' buttons.

6.5 Home Page

1. Creation of Home Page

This screenshot shows the 'Home' page in Salesforce. The layout is identical to the 'Organization Details' dashboard, featuring the same navigation bar, cards, and sidebar. However, a new 'Venue Form' sidebar is present on the right side. This sidebar contains fields for 'Venue Name' (with 'Karthickraja K' entered), 'Email' (with 'you@example.com' entered), 'Phone' (empty), 'Venue Location' (empty), 'Latitude' (empty), and 'Longitude' (empty). At the bottom of the sidebar is a blue 'Next' button.

CONCLUSION

The FoodConnect Salesforce application successfully automates the end-to-end process of food donation and distribution. From surplus identification at donor venues to the final delivery of food through NGOs, every step is tracked, recorded, and analyzed within a single centralized system. By using Salesforce CRM tools, the project has introduced a cloud-based, transparent, and efficient approach to managing social welfare activities.

The project demonstrates the potential of technology in addressing social challenges such as food wastage and hunger. Through automation, it eliminates manual tracking, minimizes delays, and ensures that food reaches those in need on time. The project stands as a strong example of how cloud platforms can be adapted for community-oriented initiatives that deliver measurable impact.