TO SUPPLY LEFTOVER FOOD TO POOR

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College Code: bruap

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1. INTRODUCTION

1.1 Project Overview

The project 'To Supply Leftover Food To Poor' is a Salesforce-based application designed to reduce food wastage by efficiently redistributing surplus food from various sources such as restaurants, events, and institutions to needy individuals. The system allows organizations to record available food, manage distribution requests, and track supply history in an organized and automated manner.

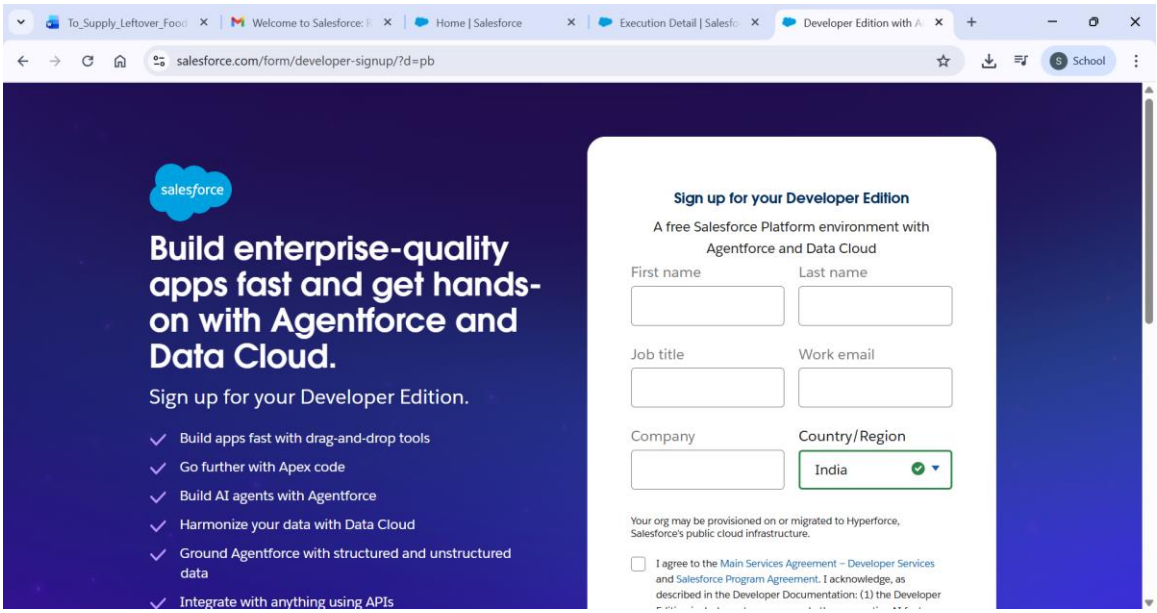
1.2 Purpose

The purpose of this project is to build a centralized Salesforce application that enables easy management of leftover food donations. It ensures transparency, timely delivery, and effective coordination between donors and volunteers, while promoting social responsibility and reducing hunger.

2. DEVELOPMENT PHASE

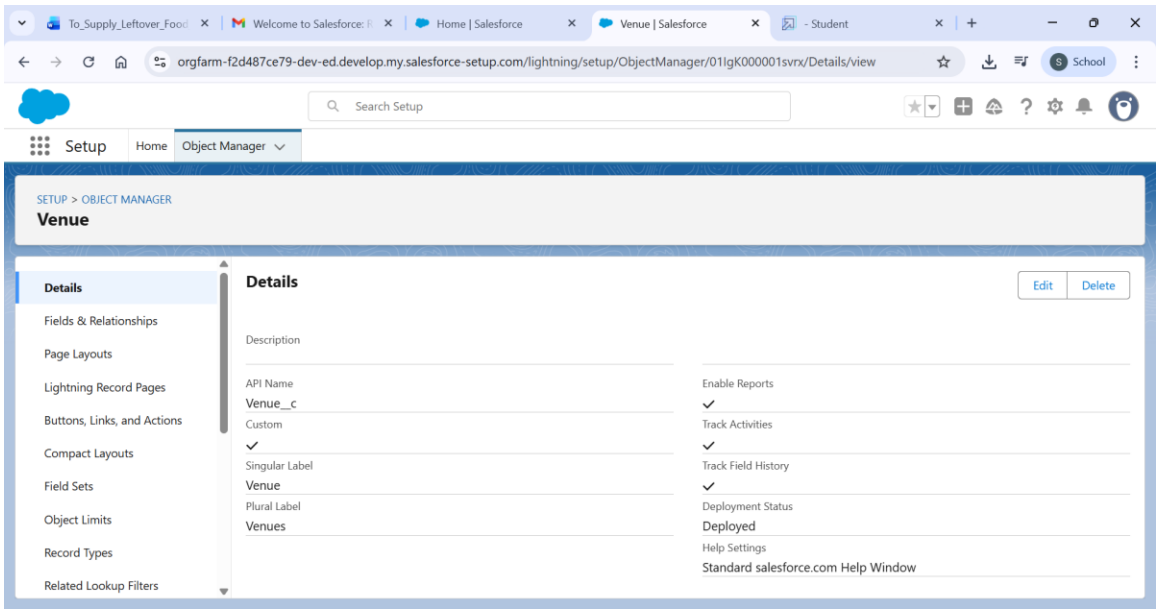
Developer Account Creation

- Created a Salesforce Developer Account - https://developer.salesforce.com/signup



Object Creation

- Created objects : Venue, Task, Volunteer, Execution Details, Drop-off point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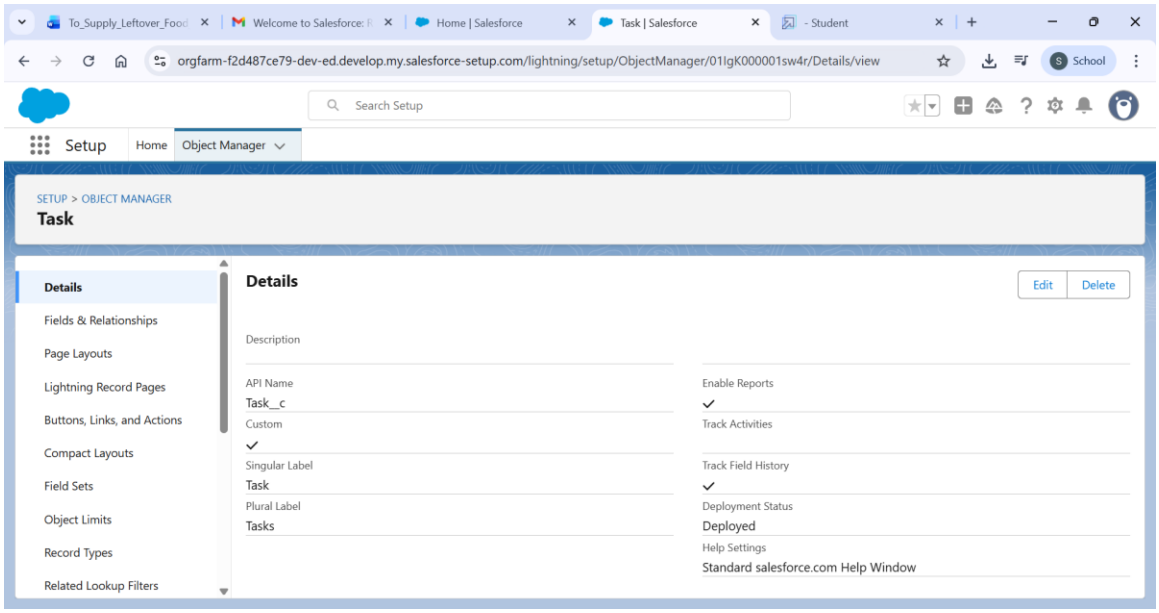
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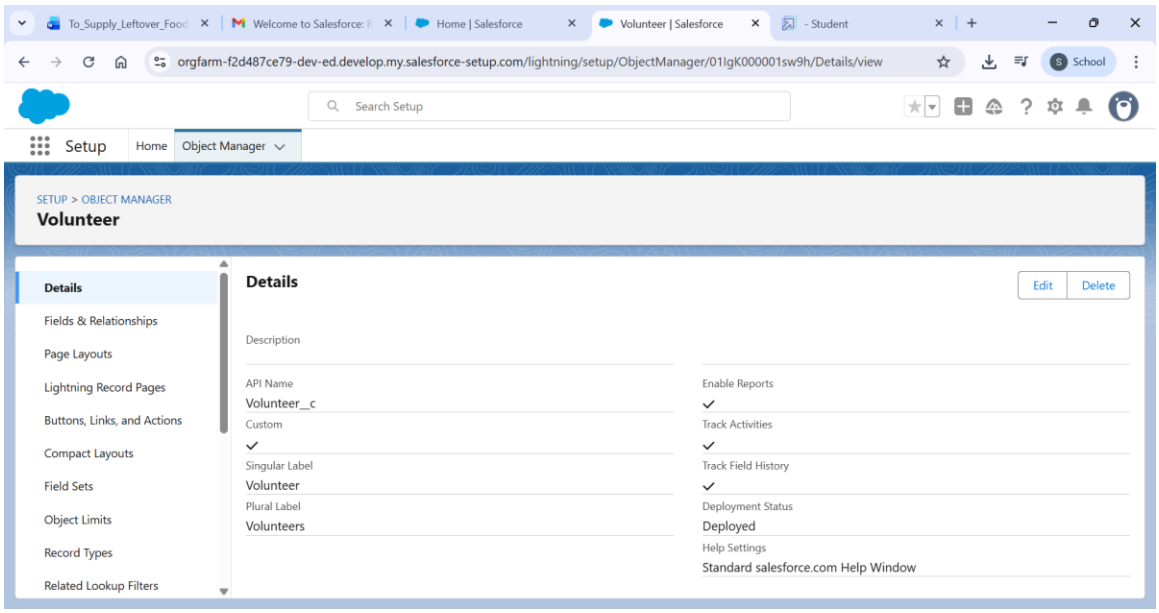
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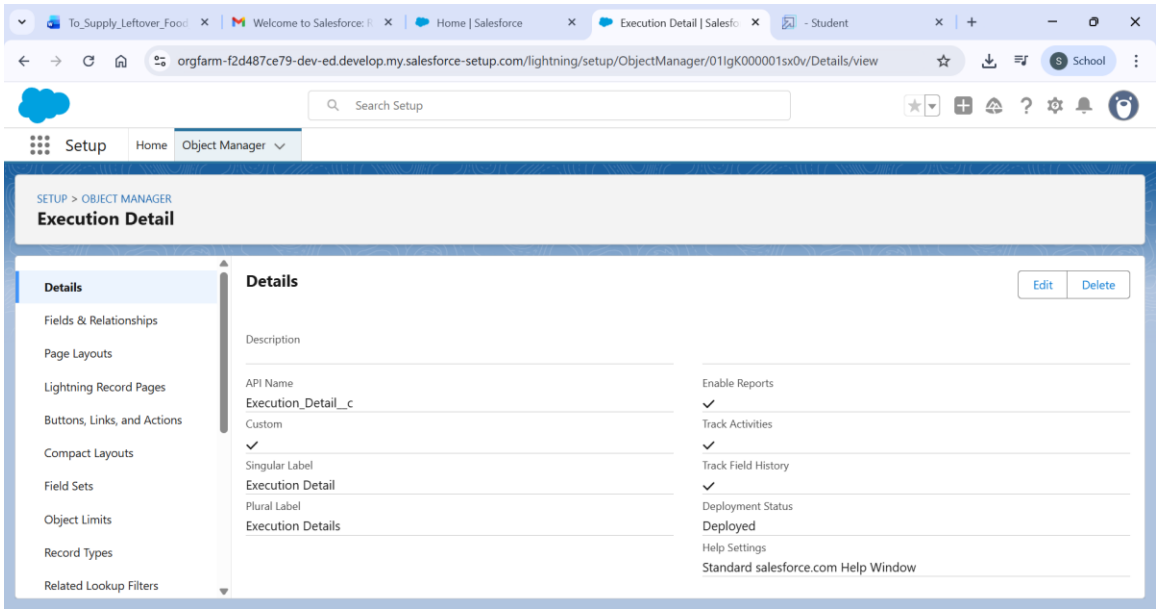
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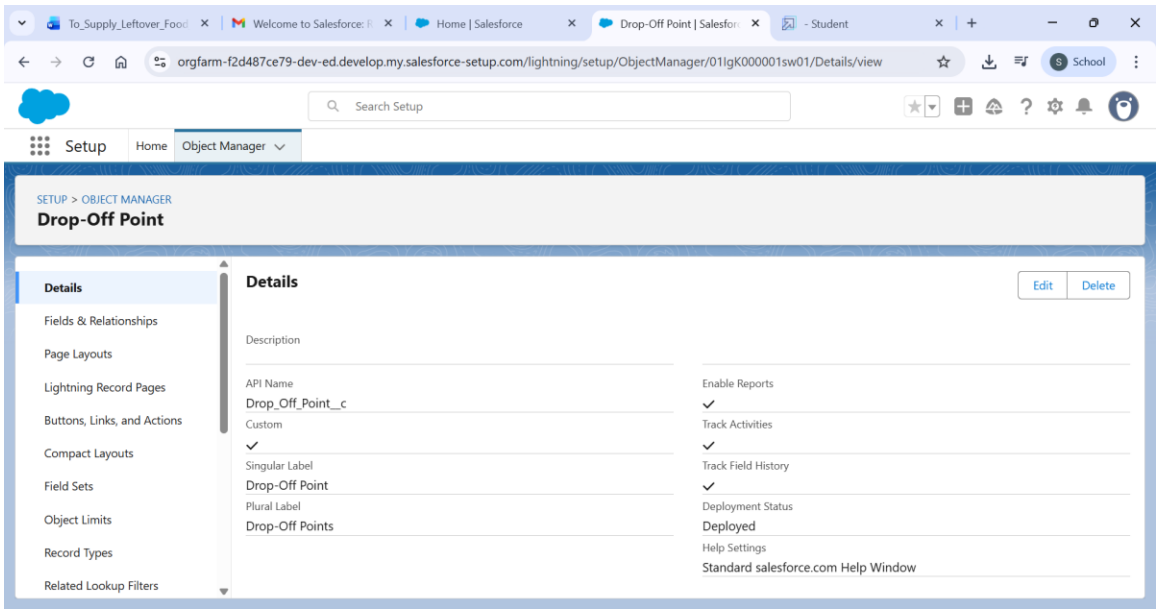
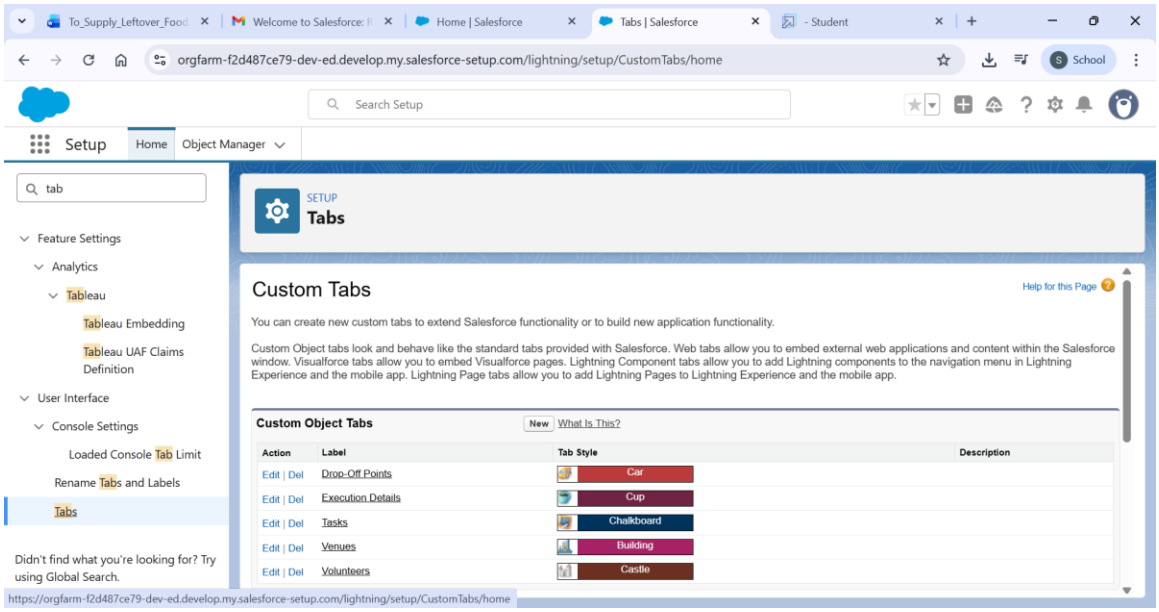
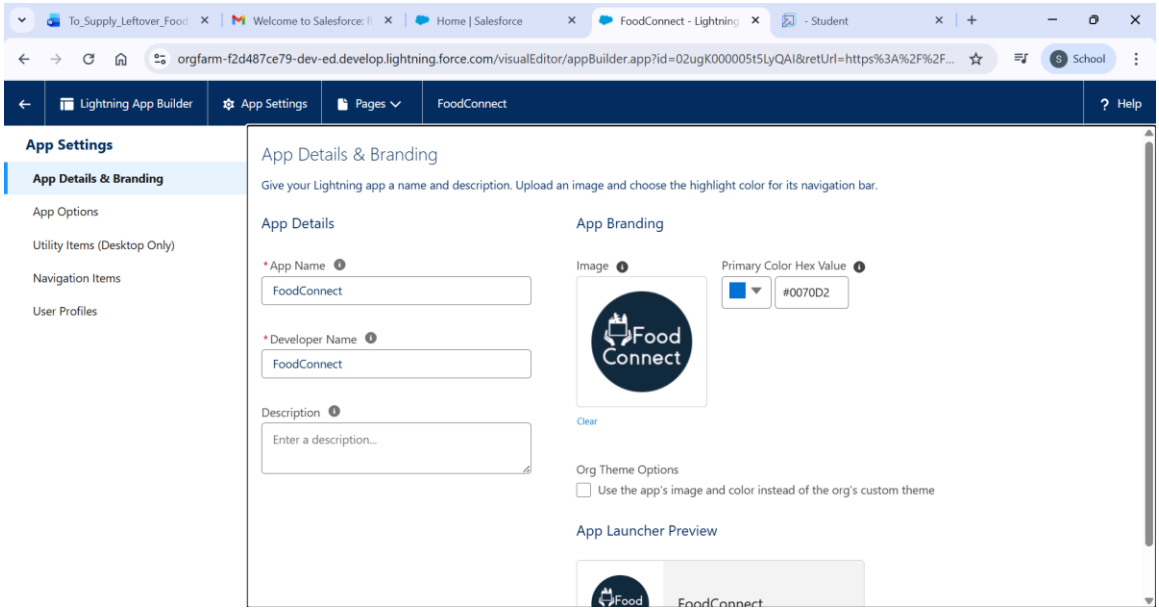


Tabs and Lightning App

- Created custom tabs for the objects - Venue, Task, Volunteer, Execution Details, Drop-off point

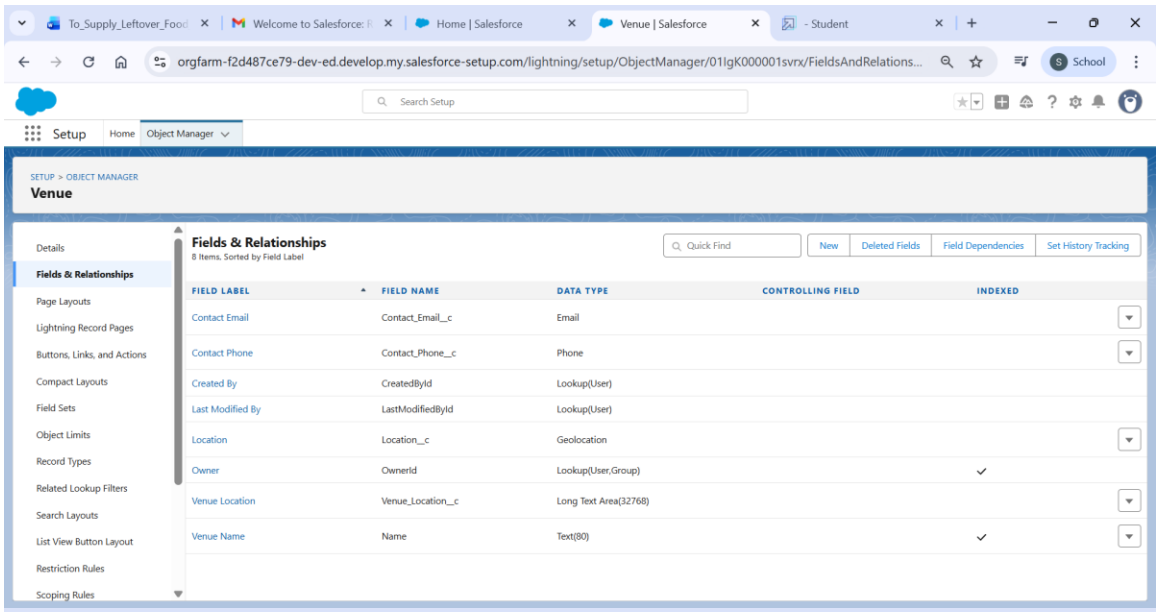


- Created a Lightning App



Fields

- Created Relationship fields in objects - Venue, Task, Volunteer, Execution Details, Drop-off point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8 Items, Sorted by Field Label
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Contact_Phone__c
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Lookup(User)
Last Modified By
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Location__c
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Venue_Location__c
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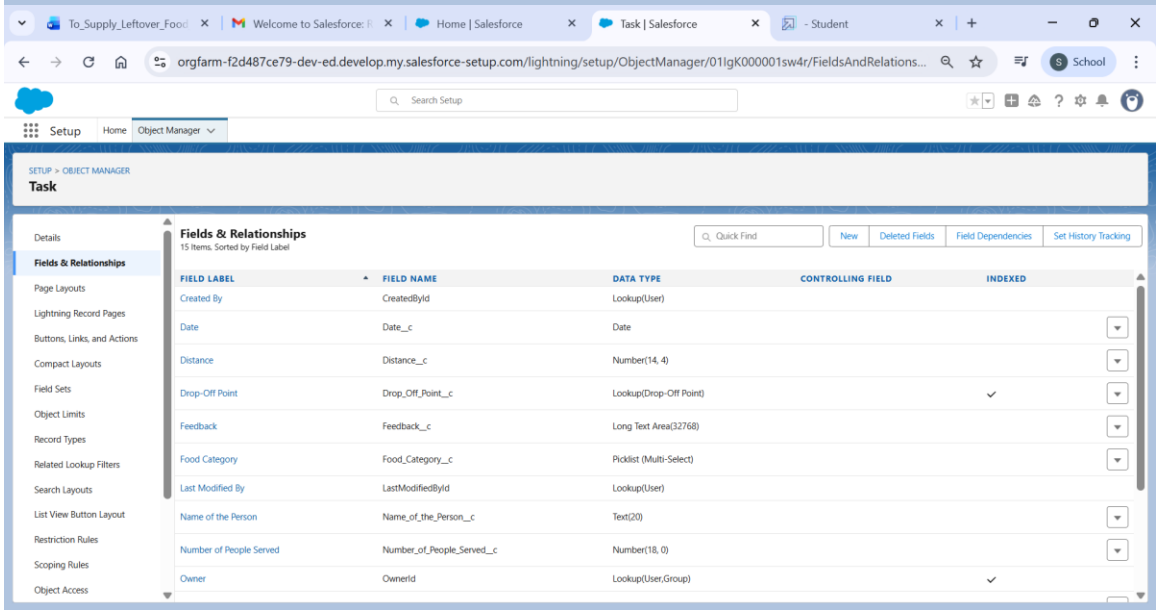
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Drop_Off_Point__c
Lookup(Drop-Off Point)
Feedback
Feedback__c
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Food Category
Food_Category__c
Picklist (Multi-Select)
Last Modified By
LastModifiedById
Lookup(User)
Name of the Person
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Text(20)
Number of People Served
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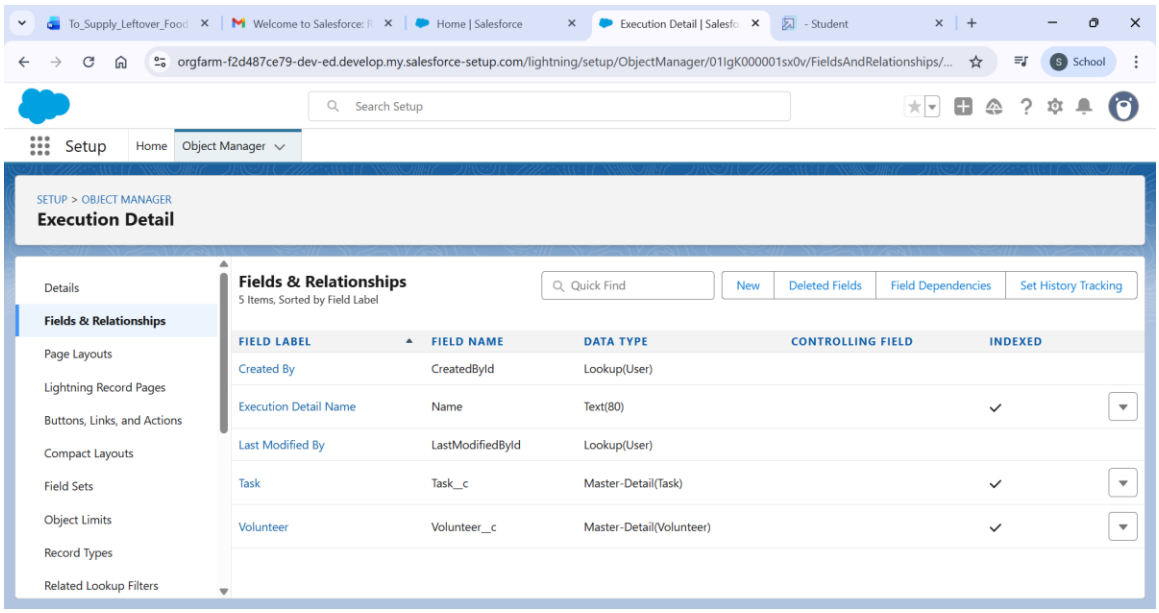
OwnerId
Lookup(User,Group)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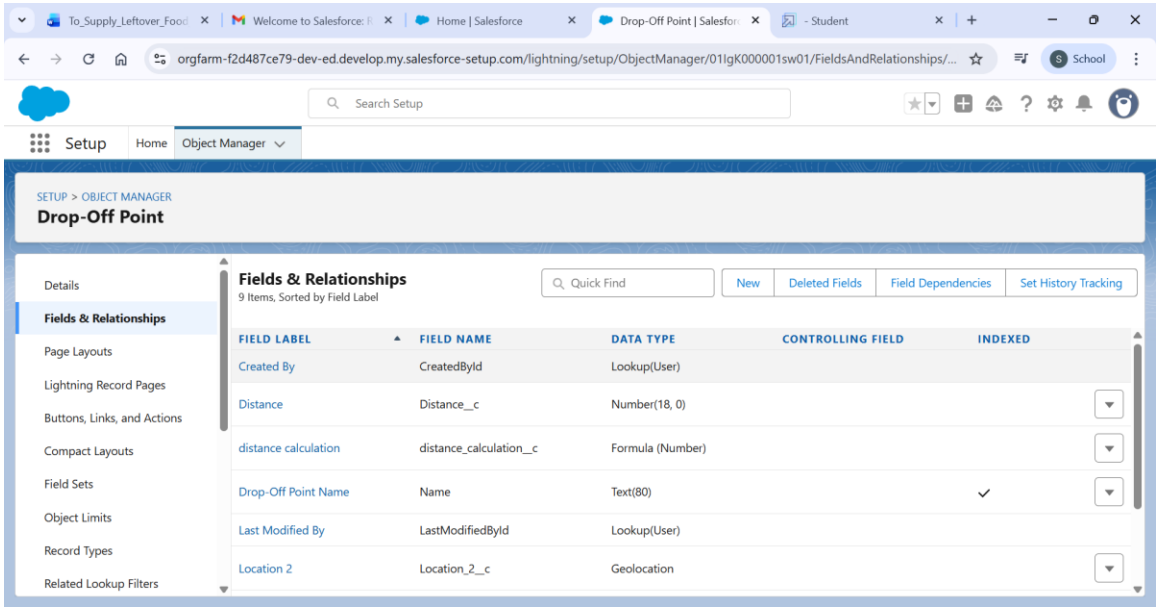
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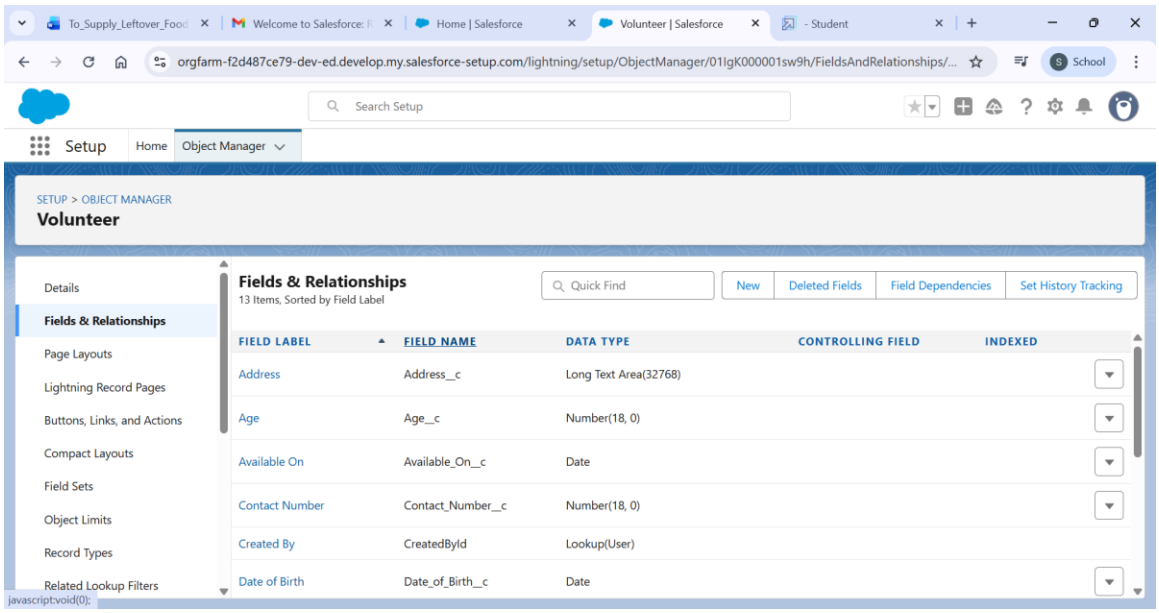
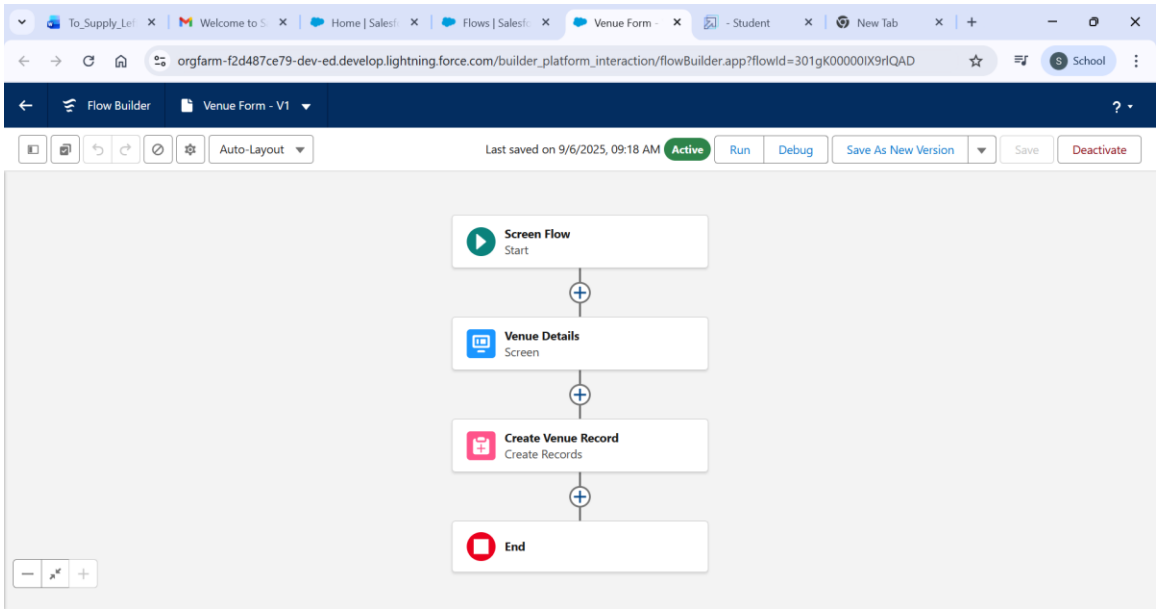


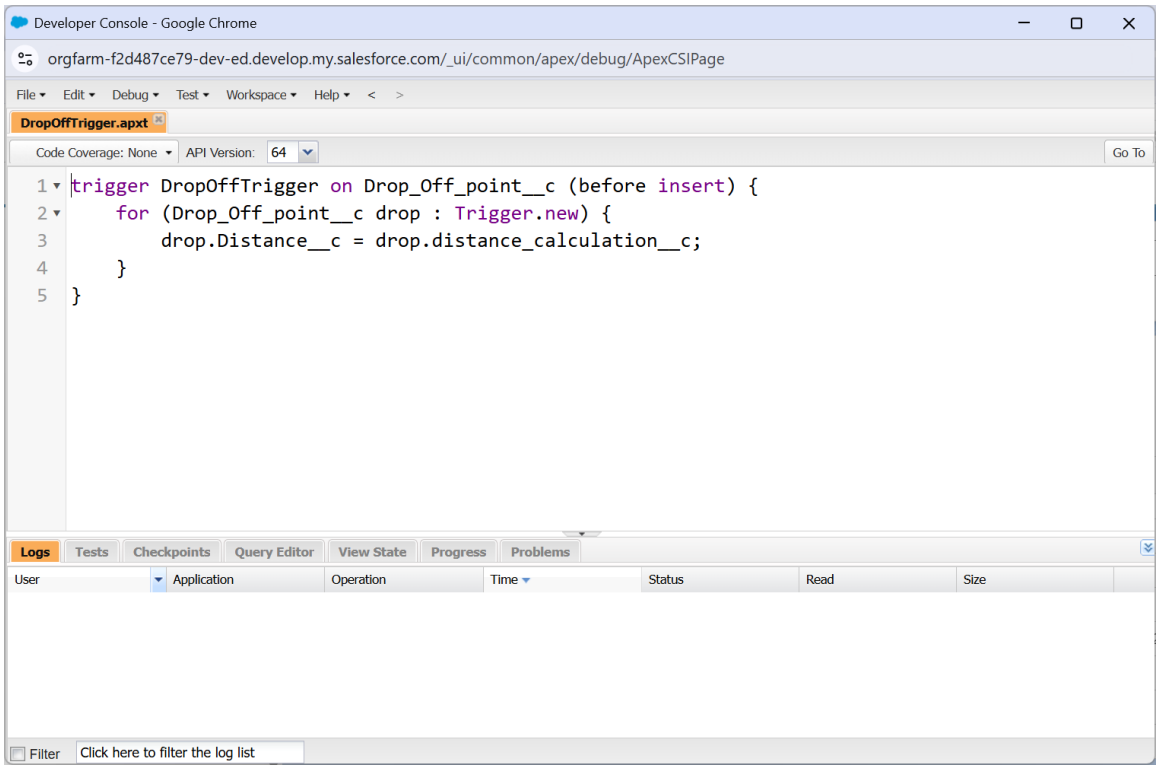
Flows

- Created Flow to create a record in Venue object



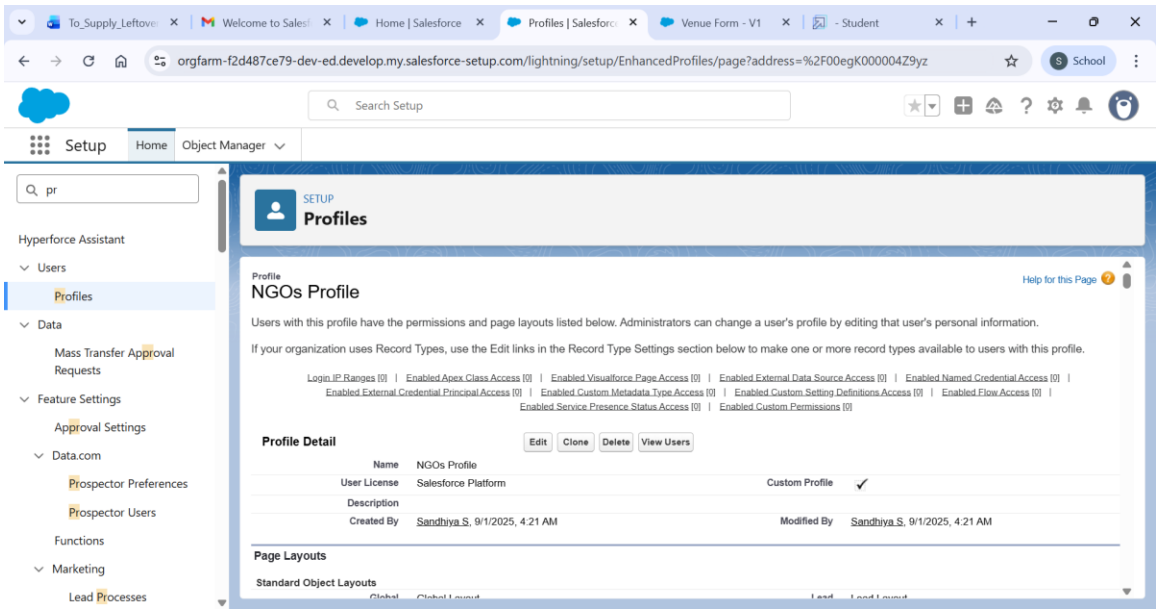
Triggers

- Created a Trigger on the object Drop-off Point



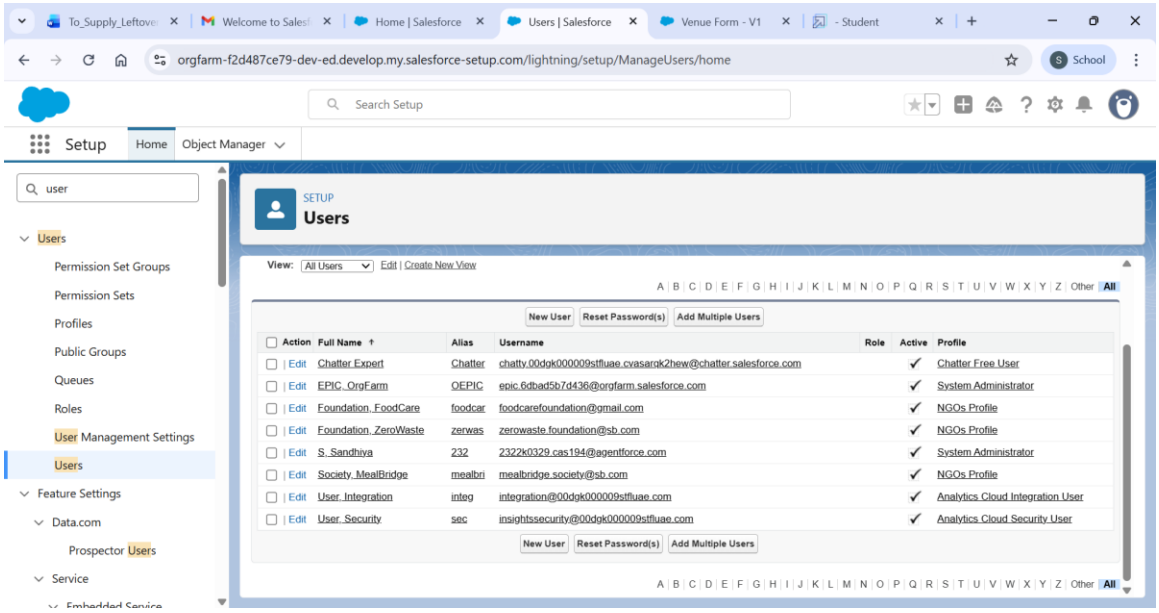
Profiles

- Created a NGOs Profile



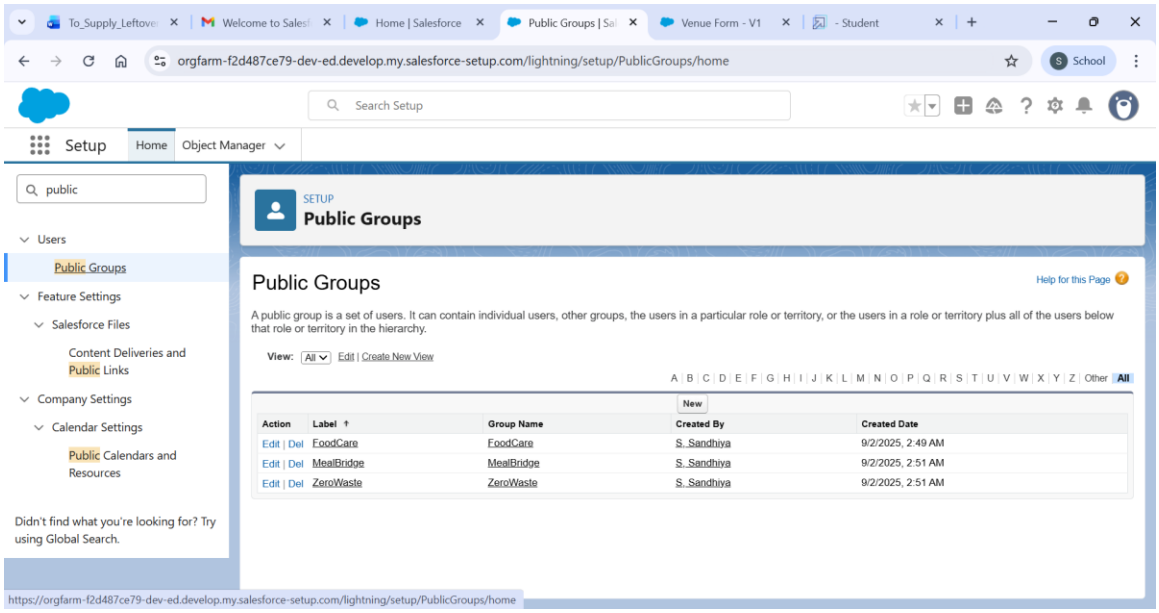
Creation of Users

- Created users – FoodCare Foundation, ZeroWaste Foundation, MealBridge Society



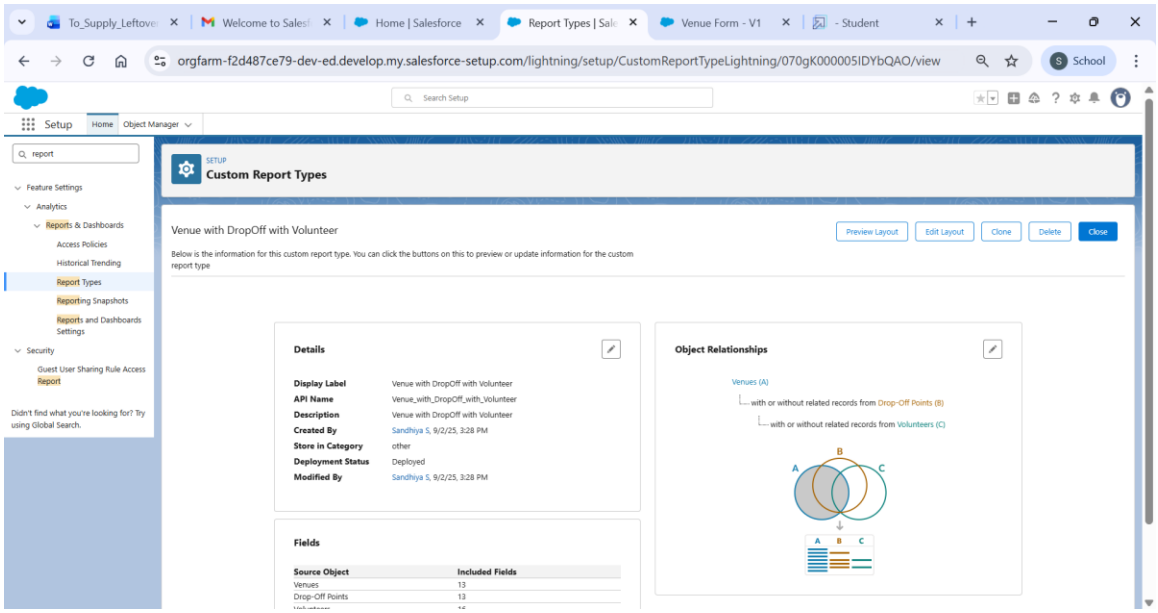
Public Groups

- Created Public Groups



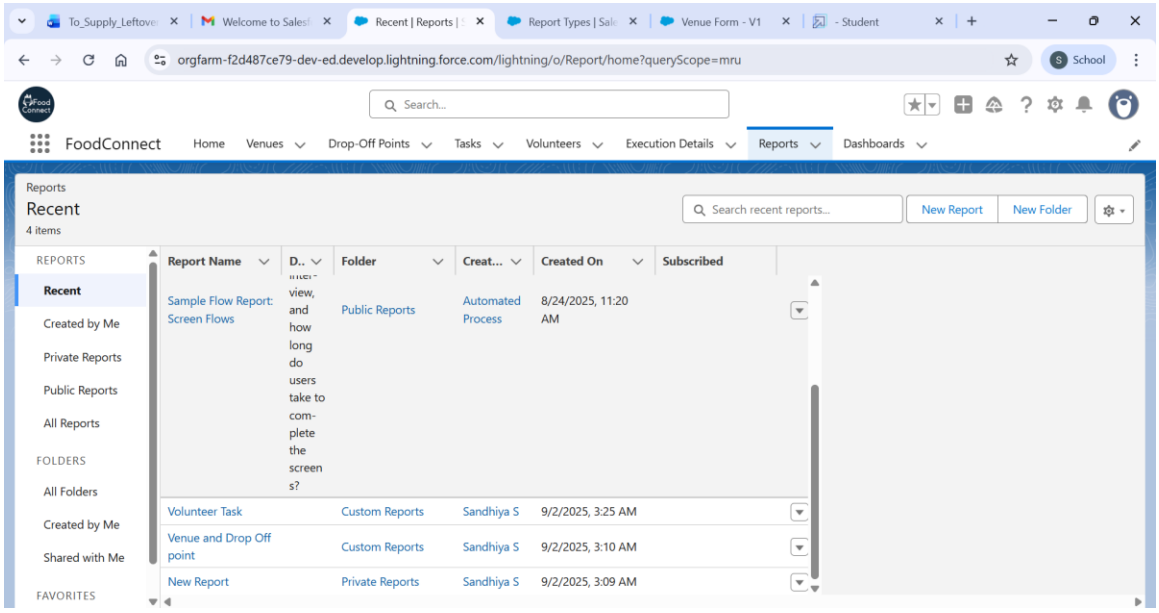
Report Types

- Created Custom Report Types



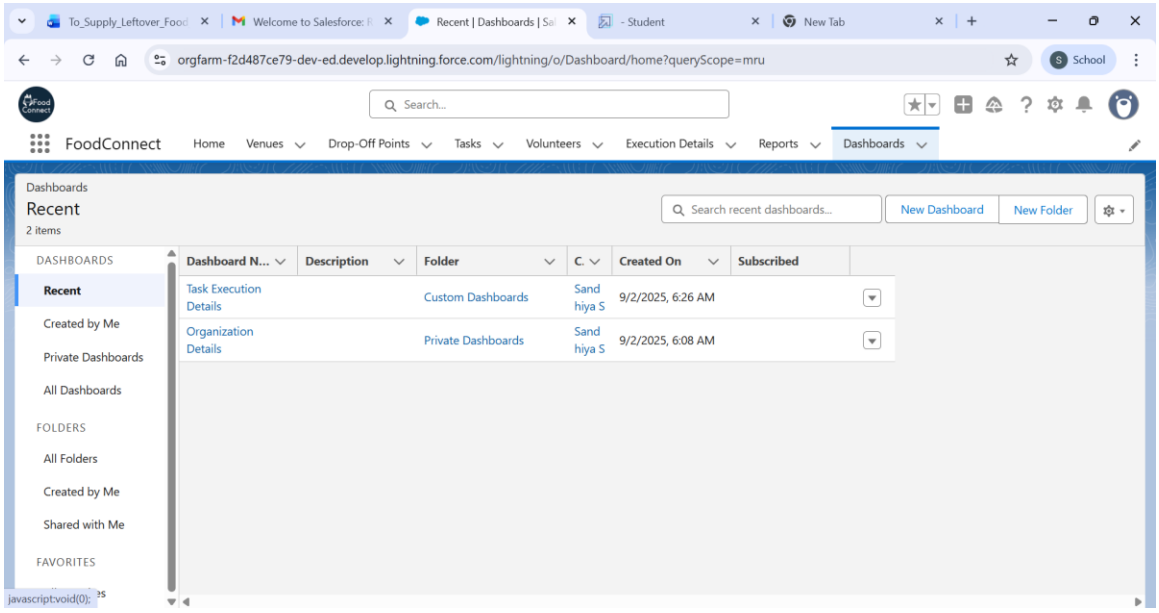
Reports

- Created Reports on - Venue with DropOff with Volunteer, Volunteers with Execution Details and Tasks



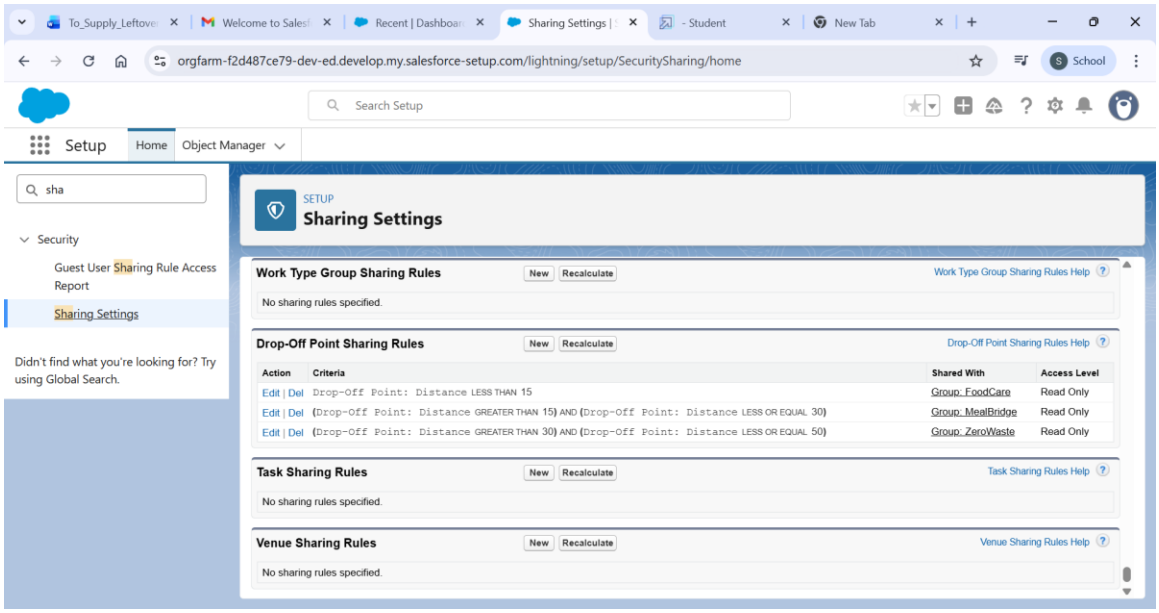
Dashboards

- Added venue and Drop Off point Report, Volunteer Task Reports to the Dashboard



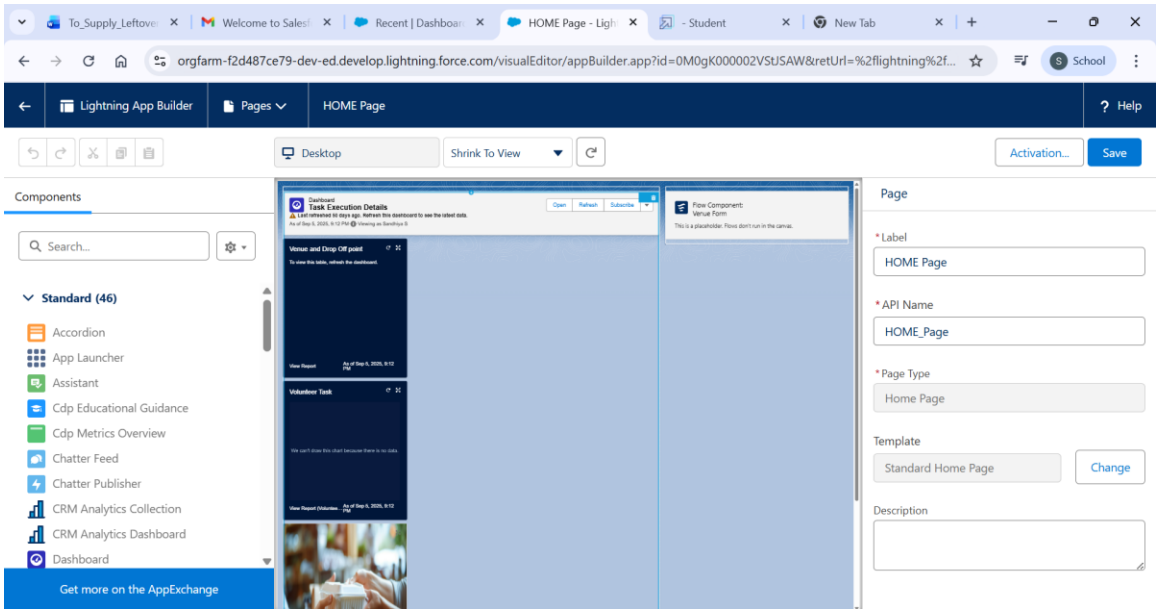
Sharing Rules

- Created Sharing Rules



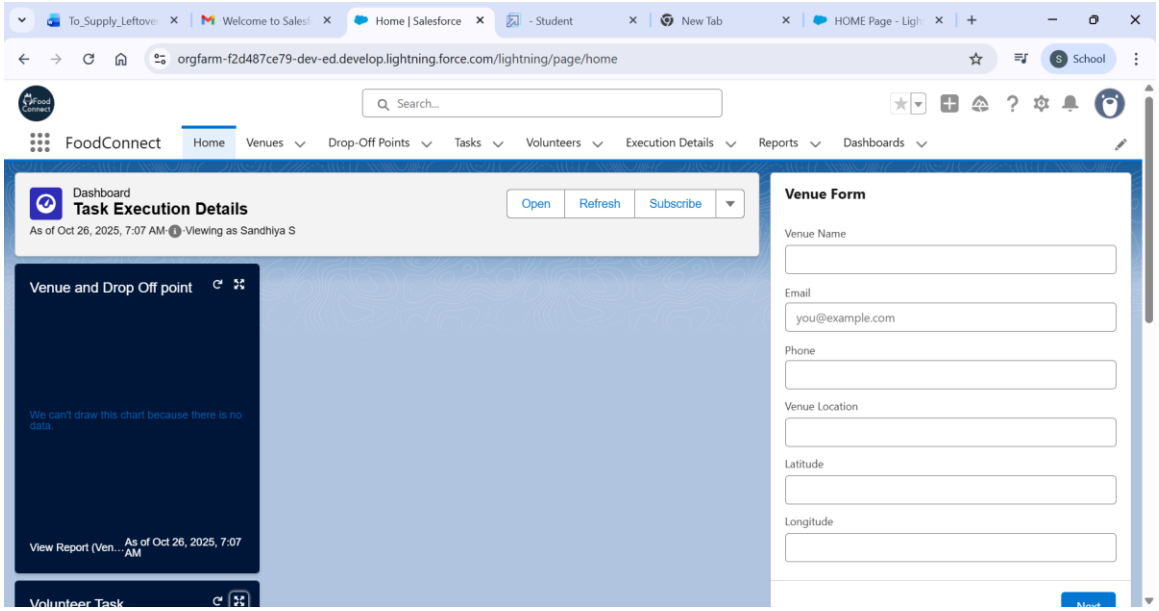
Home Page

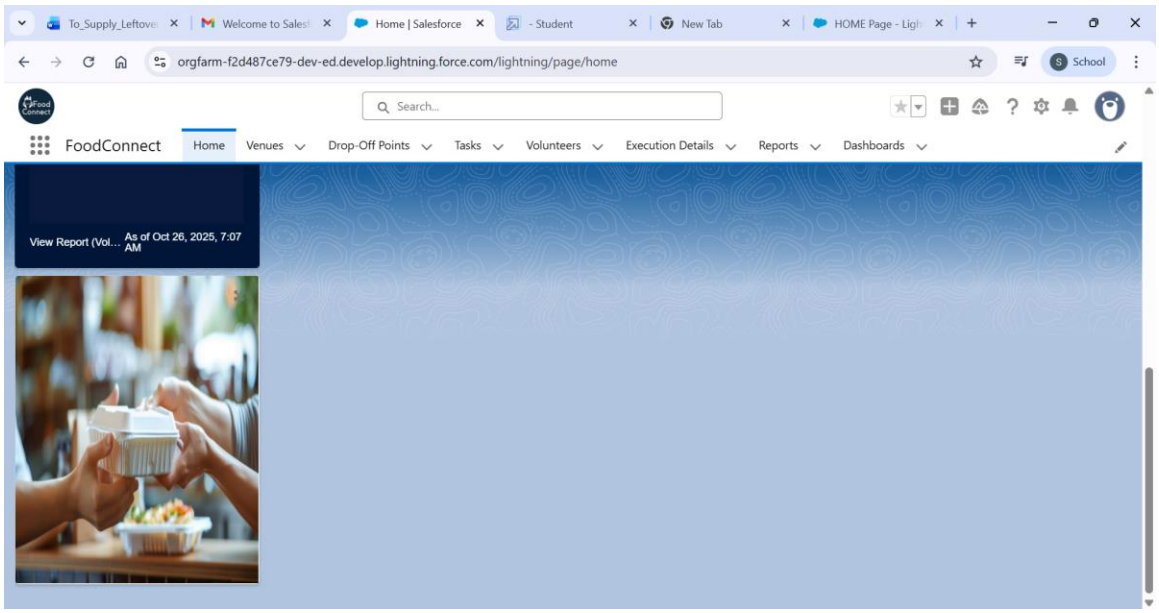
- Created the Home Page in Lightning App Builder



OUTPUT

The final Salesforce application provides various functionalities such as recording available food, assigning volunteers, and tracking deliveries. The system offers a user-friendly interface with dashboards and reports for clear visibility of food supply activities.





ADVANTAGES AND DISADVANTAGES

Advantages:

- Reduces food wastage by connecting donors and beneficiaries.
- Promotes social welfare and community engagement.
- Automates data management through Salesforce.
- Provides transparent tracking and reporting of food supplies.

Disadvantages:

- Requires consistent internet connectivity.
- Dependence on volunteer participation.
- Limited scalability without cloud-based expansion.

CONCLUSION

The Salesforce application 'To Supply Leftover Food To Poor' successfully demonstrates the use of cloud-based technology for social good. It efficiently manages food redistribution processes, minimizes waste, and ensures that excess food reaches those in need. This project showcases the practical implementation of Salesforce tools for humanitarian purposes and serves as a scalable model for future initiatives.