1. Project Overview:

This project is focused on a food connect application to manage food donations and distribution, designedto address the problem of food waste and hunger. The goal is to deliver a comprehensive solution by leveraging the Salesforce platform and integrating modern tools like mobile applications and community portals.Through this project, we aim to streamline the donation process, improve collaboration between donors, recipients, and volunteers, enhance data visibility, and support the long-term mission of reducing food insecurity and waste.

2. Objectives :

- Create forms for donorsand recipients to submit and track donations.
- Set up a comprehensive Salesforce environment to manage food donations, inventory, and logistics.
- Streamline the entire process of food donationand distribution to make it more efficient and user- friendly.
- Automate the matchingof food donationswith recipients to save time and reduce manual effort.
- Enable real-time tracking of food deliveries using

Salesforce and integrated tools.

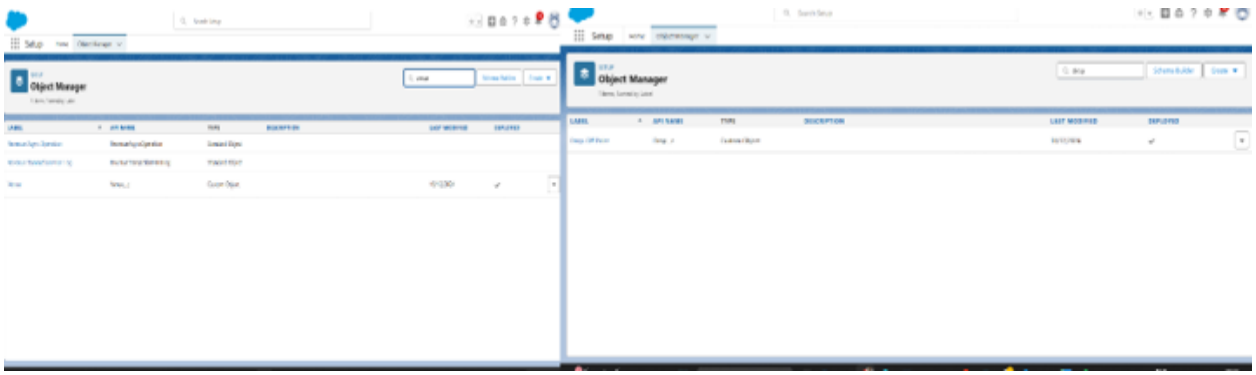
- Provide insightful dashboards and reports to monitor donationtrends and impact.
- Foster collaboration throughcommunity portals for donor.

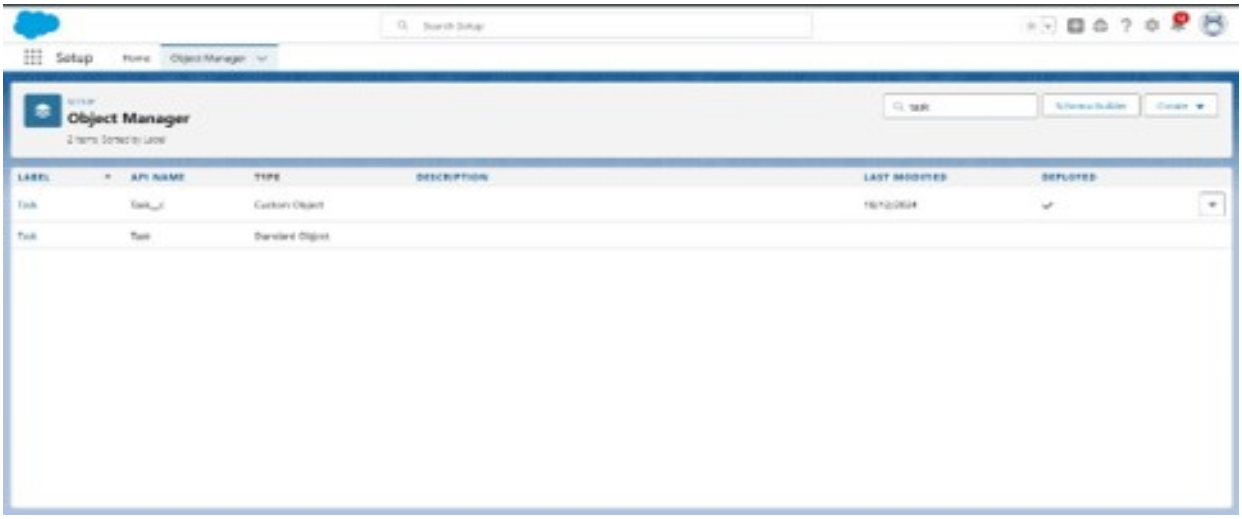
3. Salesforce Key Features and Concepts Utilized :

- Salesforce objects
- Classes
- Flows
- Triggers
- Creation of Fields
- Creation of Users
- Sales force app builder
- Creation of Public Groups
- Creation of Reports
- Lightning components

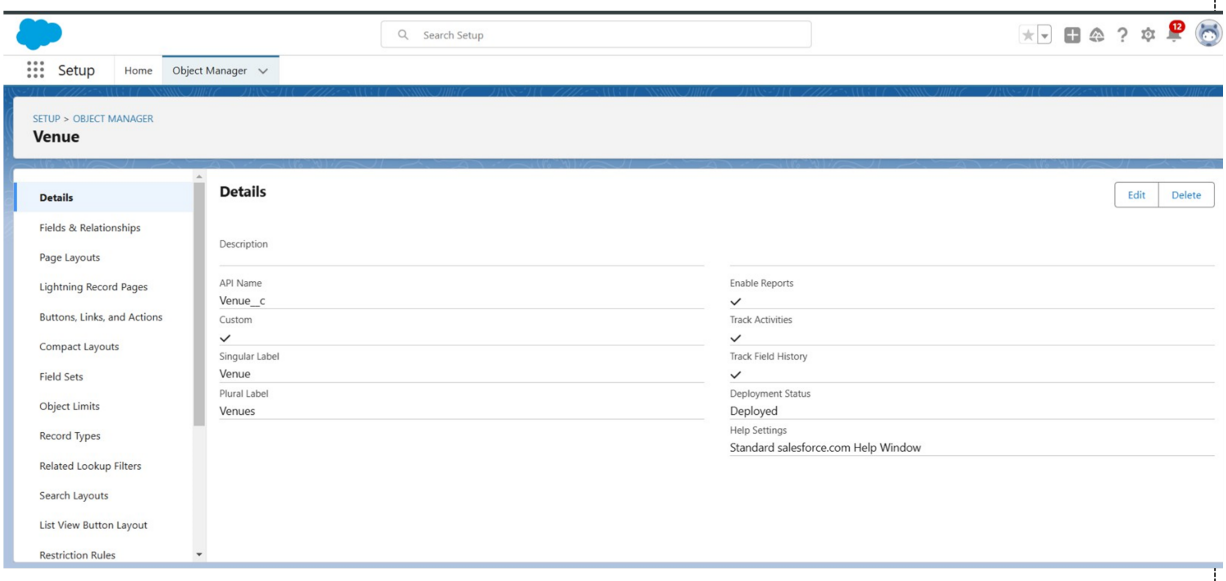
4. Detailed Steps to Solution Design

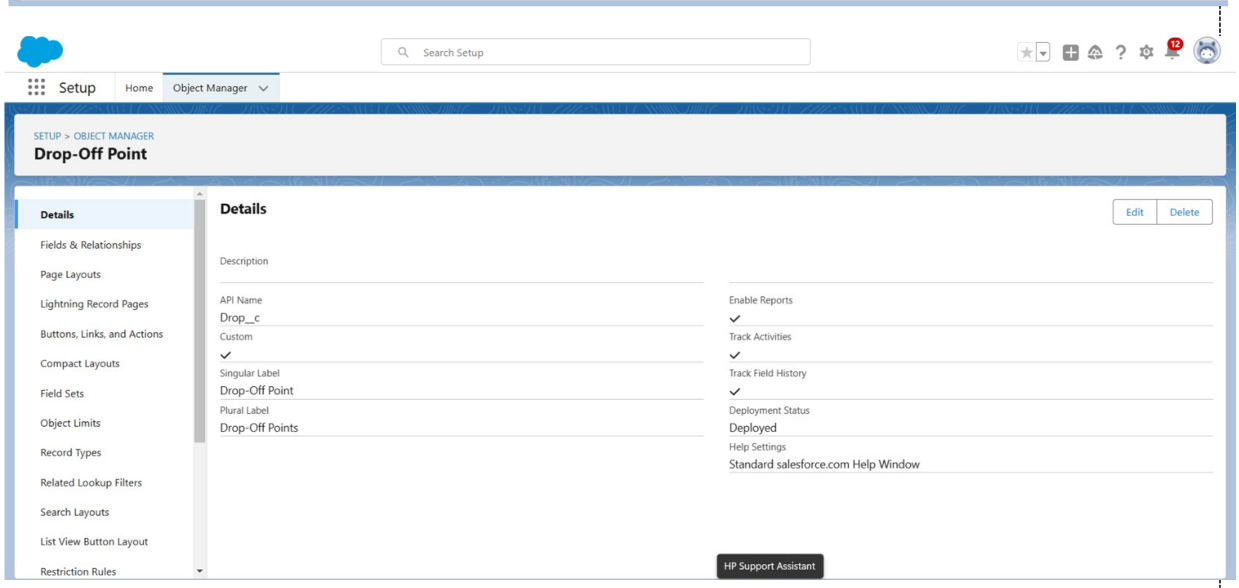
- Create objects

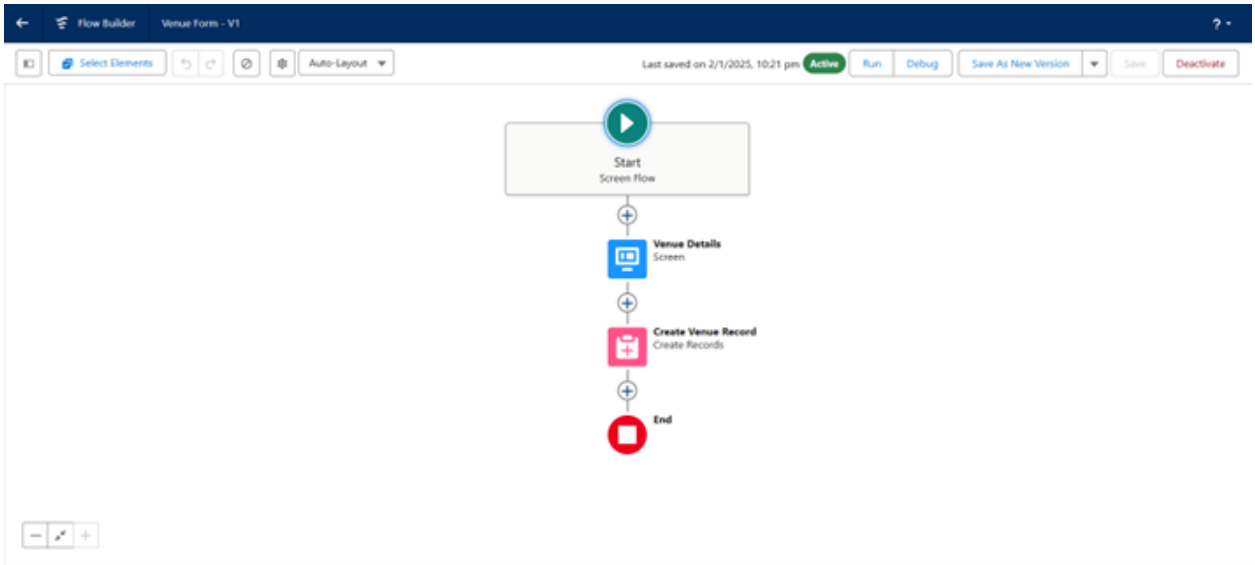




- Creating Flows and Fields :

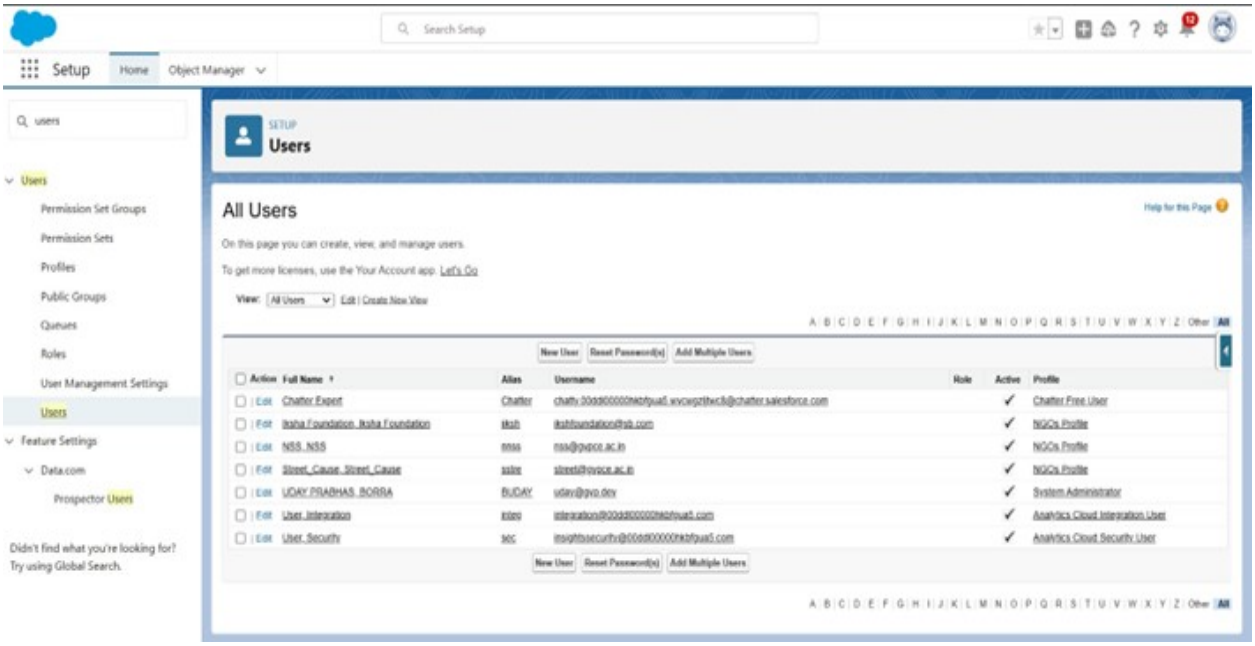




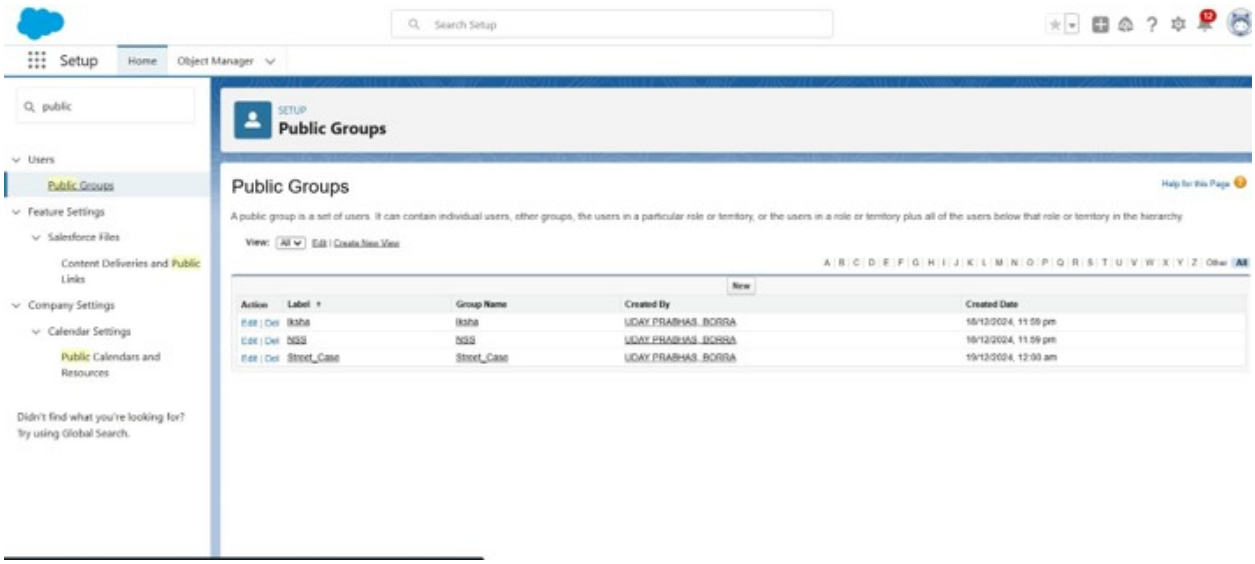


- creating triggers:

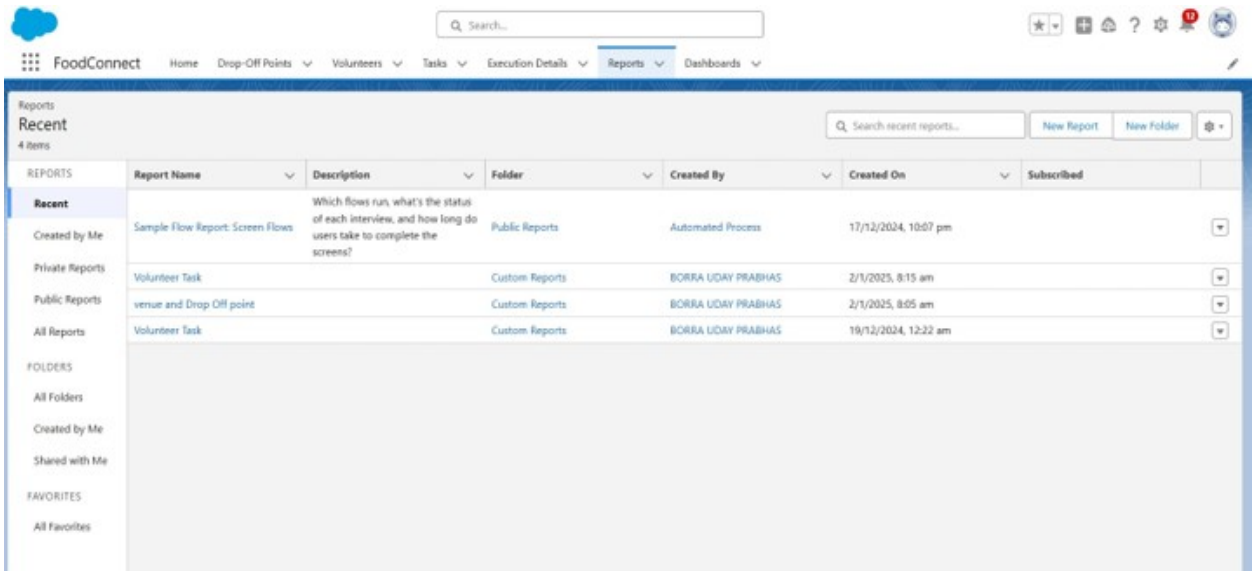
- creation of Users



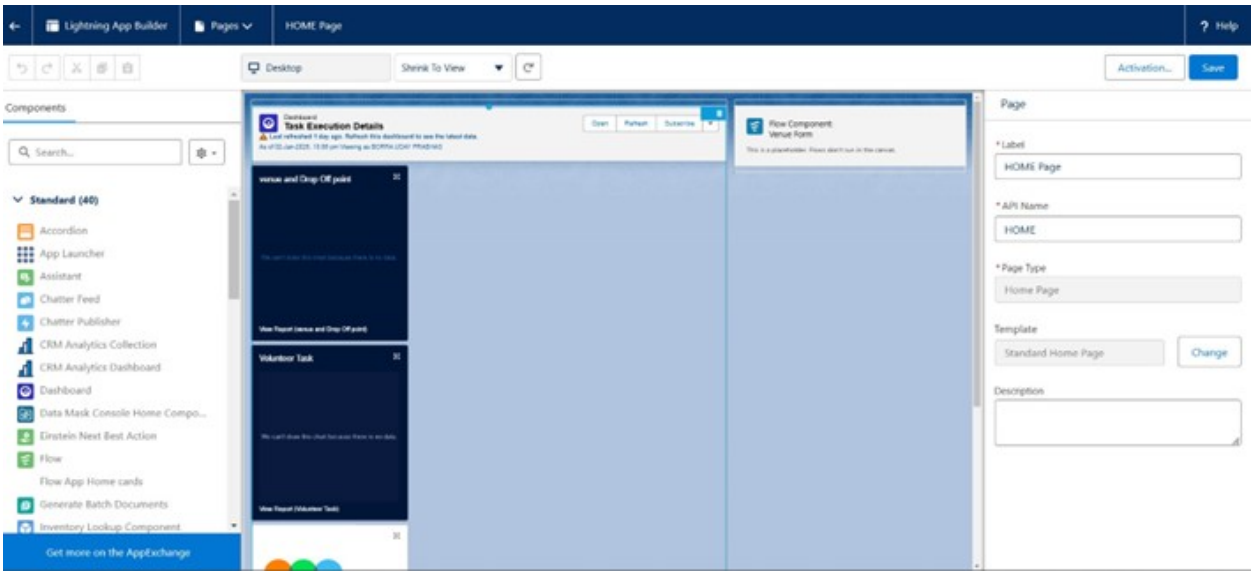
- Creation of public groups:



- Creation of Report Types :



- create app page using app builder :



5.Testing and Validation Describe the approach to testing :

Tested all the Users, Reports and Dashboard clearly so that there will be no flaws in end application

6.Key Scenarios Addressed by Salesforce in the Implementation Project :

Simplifies and streamlines the entire process of managing food donations and distribution with an intuitive user interface for both administrators and end users.The platform enhancescollaboration between donors, recipients, and volunteers, ensuring a seamless experience for all stakeholders while maximizing efficiency and impact.

7. Conclusion Summary of Achievements:

Gained a comprehensive understanding of the Salesforce environment and successfully implemented various tools and features to streamline food donation and distribution processes. Enhanced efficiency, collaboration, and data accuracy whileaddressing real-world challenges of food wasteand hunger throughthe Food Connect project.