**TO SUPPLY**

**LEFTOVER**

**FOOD**

**TO POOR**

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To Supply Leftover Food to Poor

# 1. Introduction

This project utilizes Salesforce to streamline surplus food collection and distribution to the needy, ensuring efficiency and transparency. By leveraging Salesforce features, we can manage donors, NGOs, and food distribution records effectively.

# 2. Salesforce Developer Account Creation

To begin working on the project, a Salesforce Developer account must be created. This account provides access to all the Salesforce tools required for customizing objects, building flows, creating triggers, and managing users.

# 3. Object Creation

To Navigate to Setup page:

To create an object:  
  
From the setup page > Click on Object Manager > Click on Create > Click on Custom Object.

On the Custom object defining page:  
  
- Enter the label name  
- Enter the plural label name  
- Click on Allow Reports  
- Click on Allow Search  
  
Then click on Save.

# 4. Tabs

A Tab is a user interface element that is used to build records for objects and to view the records within the objects.

# 5. The Lightning App

Lightning Apps in Salesforce provide a modern user experience that helps in navigating, managing, and interacting with custom objects and tabs efficiently.

# 6. Fields

Fields in Salesforce are used to capture specific pieces of information about records in objects. Custom fields can be created to store donor details, food quantity, location, and delivery status.

# 7. Flows

Flows in Salesforce automate complex business processes. In this project, flows can be created to automate the process of assigning collected food donations to NGOs based on availability and need.

# 8. Trigger

A Trigger in Salesforce is a piece of code that executes before or after record changes. For example, a trigger can notify an NGO automatically when food is donated.

# 9. Profiles

Profiles control access to records and objects. Steps to create a custom NGO Profile:  
  
1. Go to Setup page.  
2. Type 'Profiles' in Quick Find bar.  
3. Click on Profiles.  
4. Click on Clone beside 'Standard Platform User'.  
5. Under Clone Profile: Enter Profile Name as 'NGOs Profile'.  
6. Click on Save.

# 10. Creation of Users

In our project, the Users are considered as NGOs. Each NGO will have a user account with the NGO Profile assigned to manage food collection and distribution.

# 11. Public Groups

folders, and other data across multiple users in Salesforce. Public Groups are sets of users that can be used to simplify the process of sharing records,

# 12. Report Types

report types can be created to analyze donations, NGO participation, and distribution efficiency. Report Types define which objects and fields are available for generating reports. Custom

# 13. Reports

Reports allow the collection and analysis of data. For example, reports can be created to track the amount of food collected, the number of NGOs involved, and beneficiaries reached.

# 14. Dashboards

Dashboards provide a visual representation of data from multiple reports. They can be used to monitor real-time progress of food collection and distribution.

# 15. Sharing Rules

Sharing Rules extend access to records beyond what is defined in Organization-Wide Defaults and Profiles. They ensure that NGOs, volunteers, and administrators can access necessary data.

# 16. Home Page

The Home Page in Salesforce can be customized to display relevant information such as latest donations, NGO activities, pending distributions, and important reports.

# 17. Conclusion

By utilizing Salesforce, this project ensures transparency, efficiency, and effectiveness in supplying leftover food to the poor. Through custom objects, profiles, flows, and dashboards, the entire process of food collection and distribution can be managed seamlessly.