

Project

Food connect: Supply Leftover Food to Poor

- First after creating a Salesforce we need to create Objects needed for our project
- We have to create Venue, Drop-off point, Task, Volunteer, Execution Details.
- Now create custom tab for all the objects created.
- Now create a Lightning Web Component with App name Food Connect.
- And then create Lookup Relationship Field on volunteer, drop-off point, and task objects, Master field relationship on execution details object.
- Next create the following fields in fields and relationships for the venue object: Contact Email, Phone, location, Venue location.
- Create the following fields in fields and relationships for the Drop-off point object: Location 2, distance calculation, state, distance.
- Create the following fields in fields and relationships for the Task object: Task ID, date, Food category, Number of people served, name of the person, phone, rating, feedback.
- Create the following fields in fields and relationships for the Volunteer object: Volunteer ID, gender, available on, age, email, contact number, address, date of birth.
- Create the following fields in fields and relationships for the Execution Details object: Execution ID.
- After these create a Flow to create a record in Venue object. Use fields of venue object along with longitude and latitude as labels in flows.
- Now create a trigger with name Drop-off trigger, and object as Drop-off point and write the code here to calculate distance field to distance calculation field.
- Create a profile of name NGO's Profile
- Then create users(NGO's) by giving all the necessary details.
- Now create a public groups for all the public user NGO's.
- Create Venue with dropoff with volunteer, volunteers with execution details and tasks report types.
- Then create reports on both the report types in custom reports folder.
- Now to add Venue and dropoff points to report dashboard by creating a new folder labeled as custom dashboard and select lightning table.
- To add Volunteer Task report to dashboard use line chart.
- Now add picture to dashboard and name as Task execution details in custom dashboard.
- Create Sharing Rules for the drop-off points based on the distance criteria for all the created users
- After completion of all these steps the final step is to create Home page using

Lightning App builder.

- By using Salesforce platform the project is successfully established that effectively addresses food insecurities while maximizing the utilization of available resources.