

# **Salesforce Project**

**Food Rescue Program  
(To Supply Left Over Food)**

developed by:

**NISHANTH KUMAR RACHAKONDA**

*Email : [2111cs010329@mallareddyuniversity.ac.in](mailto:2111cs010329@mallareddyuniversity.ac.in)*

## **ABSTRACT**

Food donation is a critical initiative aimed at combating hunger and food insecurity by redistributing surplus food to individuals and communities in need. This process involves collecting excess food from various sources, such as grocery stores, farms, restaurants, and individuals, which is then sorted and distributed by food banks and charitable organizations. By providing access to safe, nutritious meals, food donation addresses immediate dietary needs while significantly reducing food waste, which is a major contributor to environmental issues like greenhouse gas emissions. Additionally, food donation fosters community engagement and resilience, encouraging collective efforts to tackle food insecurity and promote sustainable practices. Overall, food donation serves as an essential strategy for building a more equitable and sustainable food system, improving public health, and enhancing social solidarity within communities.

Moreover, food donation plays a multifaceted role in promoting social equity and environmental sustainability. As communities grapple with the dual challenges of rising food insecurity and escalating food waste, food donation provides a practical solution that benefits both donors and recipients. It not only allows businesses and individuals to contribute to their communities by diverting surplus food from landfills but also ensures that those in need receive vital nutritional support. Many food donation programs integrate educational components, offering workshops on nutrition, cooking, and budgeting, which empower recipients to make informed food choices and utilize the donated items effectively. Additionally, collaborations between food banks and local farmers help create a circular economy that supports local agriculture while ensuring the availability of fresh produce. Through these efforts, food donation fosters a culture of compassion and responsibility, demonstrating that collective action can lead to meaningful change in addressing systemic issues related to hunger and food waste. Ultimately, food donation is not just about addressing immediate needs; it is a vital component of creating a sustainable and equitable food system that benefits all members of society.

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# INTRODUCTION

Food donation is the act of giving food to individuals, families, or communities facing food insecurity, often facilitated by food banks, shelters, and charitable organizations. This practice plays a crucial role in addressing hunger by redistributing surplus food from sources like grocery stores, farms, restaurants, and individuals to those in need. By offering essential resources, food donation provides access to nutritious meals for people who may lack regular access to food. Additionally, it helps reduce food waste, conserving resources and minimizing environmental impact. Through food donation, communities foster a spirit of mutual support, strengthening resilience and providing relief to those experiencing hardship.

Food donation programs operate on both local and global scales, working with community organizations, food banks, and nonprofits to ensure food reaches those in need. These programs rely on diverse sources, including surplus from grocery stores, unsold produce from farms, donations from restaurants, and contributions from individuals. In many cases, donated food is carefully sorted, stored, and distributed to maintain quality and safety, ensuring that recipients receive fresh and nutritious options.

By preventing surplus food from ending up in landfills, food donation also addresses environmental issues linked to food waste, such as greenhouse gas emissions and the waste of resources used in food production. Additionally, food donation programs build resilience in communities, especially during times of crisis, by supporting food security and providing essential resources. Many people also engage with these programs by volunteering, participating in food drives, or donating money, creating a sense of solidarity and collective responsibility that strengthens social bonds and encourages ongoing community support.

# TASK 1: Salesforce developer account creation

## ***Creating Developer Account***

Creating a developer org in salesforce.

1. Go to <https://developer.salesforce.com/signup>
2. On the sign up form, enter the following details:

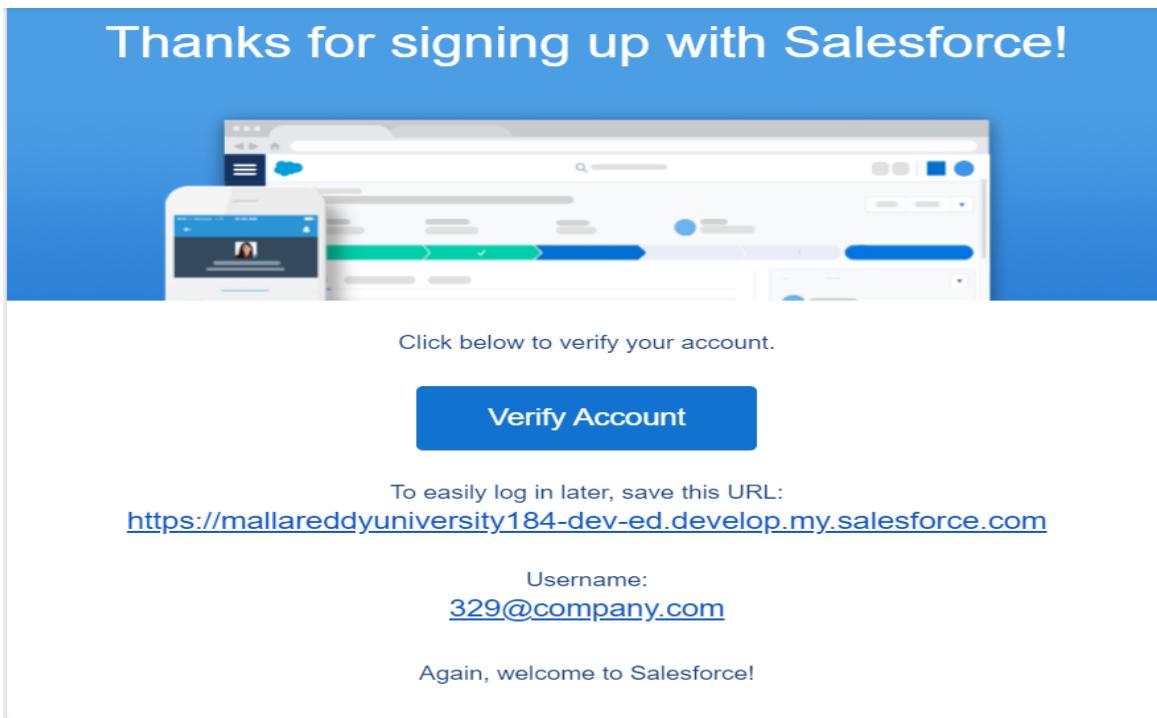
The screenshot shows a web browser window with multiple tabs open at the top. The active tab is for creating a developer account on Salesforce, with the URL <https://salesforce.com/in/form/signup/freetrial-sales/?d=7013000000Enyk>. The page itself is titled "Start your free trial." and features the Salesforce logo. It includes a brief description: "No credit card required, no software to install." Below this, it lists benefits: "With your 30-day trial, you get:" followed by a bulleted list of features. It also provides a phone number for experts: "Questions? Talk to an expert: 1800-420-7332." At the bottom, there's a section for agreeing to terms, a note about data storage, and a prominent blue "START MY FREE TRIAL" button.

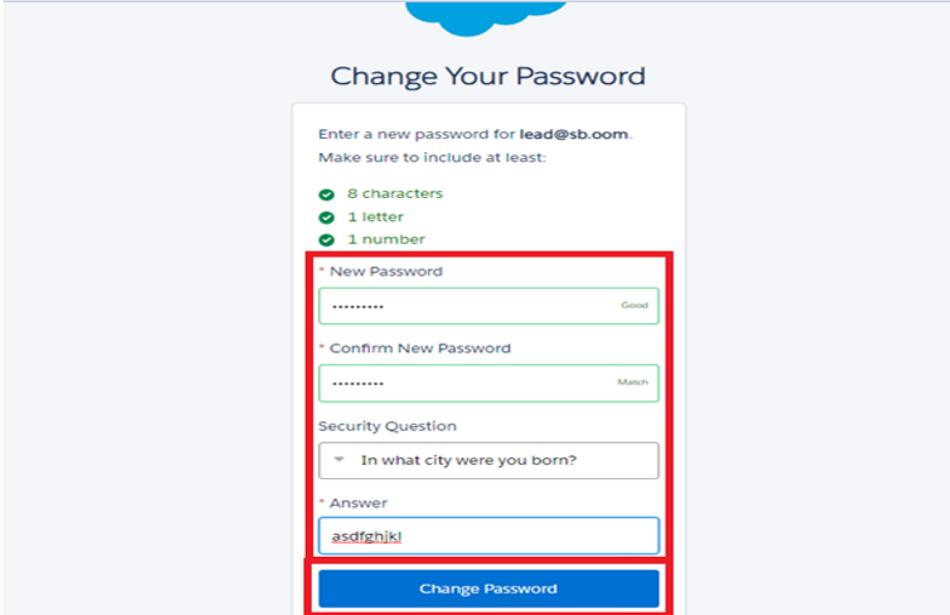
1. First name & Last name
2. Email
3. Role : Developer
4. Company : College or Company Name
5. County : India
6. Postal Code : pin code
7. Username : should be a combination of your name and company This need not be an actual email id, you can give anything in the format : `username@organization.com` Click on sign me up

after filling these.

## **Account Activation**

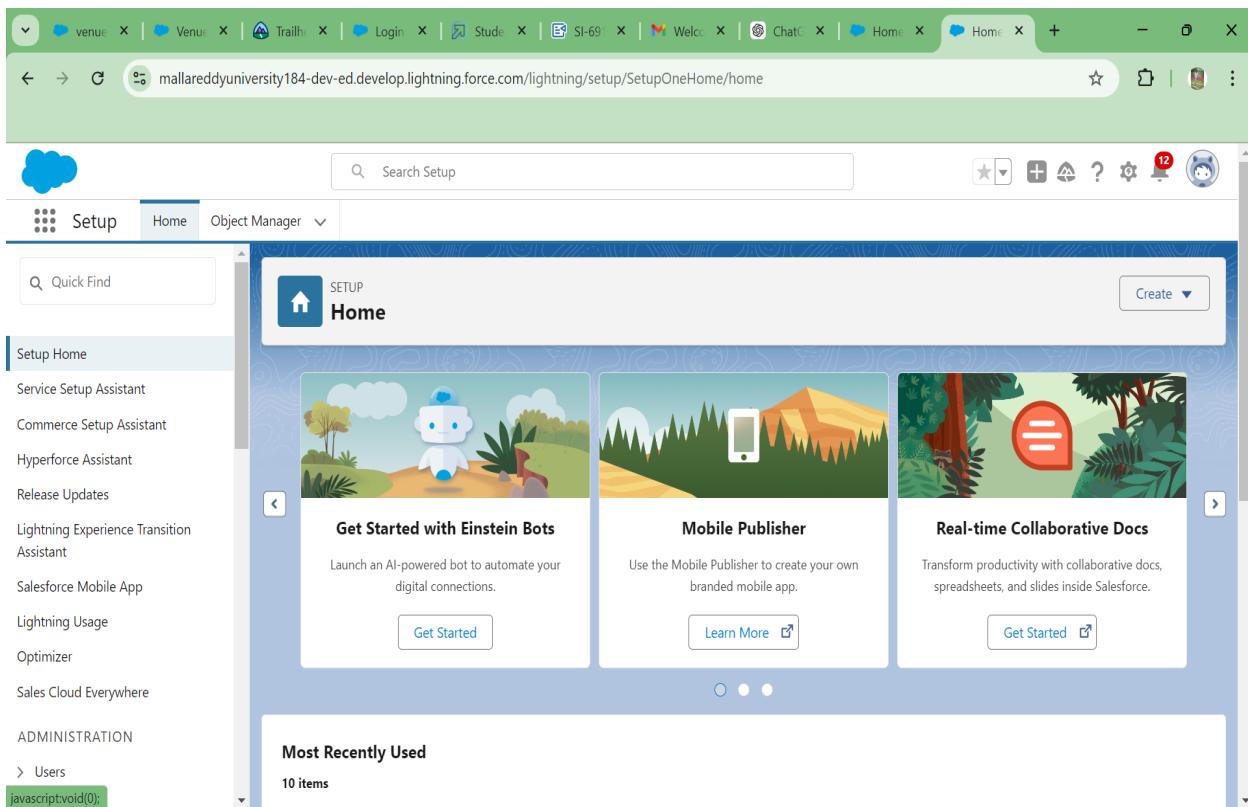
1. Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5-10mins





The image shows a screenshot of the Salesforce 'Change Your Password' page. At the top, it says 'Change Your Password'. Below that, it asks to enter a new password for 'lead@sb.com' and specifies that the password must be at least 8 characters long, containing 1 letter and 1 number. A red box highlights the password input fields: 'New Password' (containing '.....') and 'Confirm New Password' (containing '.....'). Below these are 'Security Question' (set to 'In what city were you born?') and 'Answer' (containing 'asdfghjkl'). A large blue button at the bottom is labeled 'Change Password'.

1. Click on Verify Account
2. Give a password and answer a security question and click on change password.
3. Give a password and answer a security question and click on change password.
4. Then you will redirect to your salesforce setup page



## TASK 2: Objects creation

### Create Venue Object

To create an object:

1. From the setup page >> Click on Object Manager >> Click on Create >>Click on Custom Object.
  1. Enter the label name >> Venue
  2. Plural label name >> Venues
  3. Enter Record Name Label and Format
    - Record Name >> Venue Name
    - Data Type >> Text
2. Click on Allow reports and Track Field History,Allow Activities.
3. Allow search >> Save.

The screenshot shows the Salesforce Object Manager interface. The top navigation bar includes tabs like Setup, Home, and Object Manager. The main area displays the 'Venue' object details. On the left, a sidebar lists various configuration options: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related Lookup Filters. The main 'Details' section shows the following fields:

Field	Value
Description	
API Name	Venue_c
Custom	✓
Singular Label	Venue
Plural Label	Venues
Enable Reports	✓
Track Activities	✓
Track Field History	✓
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

Buttons for Edit and Delete are located in the top right corner of the details section.

## Create Drop-Off Point

### **Object To create an object:**

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
  1. Enter the label name >> Drop-Off Point
  2. Plural label name>> Drop-Off Points
  3. Enter Record Name Label and Format
    - Record Name >> Drop-Off point Name
    - Data Type >> Text
2. Click on Allow reports and Track Field History,Allow Activities
- 3.Allow search >> Save.

The screenshot shows the Salesforce setup interface with the URL [mallareddyuni184-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01l0L000002xiiD/Details/view](https://mallareddyuni184-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01l0L000002xiiD/Details/view). The page title is "Drop-Off Point". The left sidebar lists various object configuration options: Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related Lookup Filters. The main details section shows the API Name as "Drop\_Off\_Point\_\_c", Custom as checked, Singular Label as "Drop-Off Point", and Plural Label as "Drop-Off Points". On the right, checkboxes for Enable Reports, Track Activities, and Track Field History are checked. Deployment Status is set to "Deployed". Help Settings point to the "Standard salesforce.com Help Window".

## Create Task Object

### **Object To create an object:**

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
  1. Enter the label name >> Task
  2. Plural label name>> Tasks
  3. Enter Record Name Label and Format
    - Record Name >> Task Name
    - Data Type >> Text
2. Click on Allow reports and Track Field History,Allow Activities
- 3.Allow search >> Save.

The screenshot shows the Salesforce Object Manager interface. The URL in the browser is <https://mallareddyuni184-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01lL000002xhsc/Details/view>. The page title is "Task". On the left, there's a sidebar with options like Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related Lookup Filters. The main area is titled "Details" and contains fields for Description, API Name (Task\_\_c), Singular Label (Task), Plural Label (Tasks), Enable Reports (checked), Track Activities (checked), Track Field History (checked), Deployment Status (Deployed), and Help Settings (Standard salesforce.com Help Window). There are "Edit" and "Delete" buttons at the top right.

## Create Volunteer Object

### ***Object To create an object:***

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
  1. Enter the label name >> Volunteer
  2. Plural label name>> Volunteers
  3. Enter Record Name Label and Format

- Record Name >> Volunteer Name
  - Data Type >> Text
2. Click on Allow reports and Track Field History,Allow Activities
- 3.Allow search >> Save.

SETUP > OBJECT MANAGER  
**Volunteer**

Details	
Description	
API Name	<input type="text" value="Volunteer_c"/>
Custom	<input checked="" type="checkbox"/>
Singular Label	Volunteer
Plural Label	Volunteers
Enable Reports	<input checked="" type="checkbox"/>
Track Activities	<input checked="" type="checkbox"/>
Track Field History	<input checked="" type="checkbox"/>
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

## Create Execution Details Object

**Object To create an object:**

1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.

  1. Enter the label name >> Execution Details
  2. Plural label name>> Execution Detailss
  3. Enter Record Name Label and Format
    - Record Name >> Execution Details Name
    - Data Type >> Text

2. Click on Allow reports and Track Field History,Allow Activities
- 3.Allow search >> Save.

The screenshot shows the Salesforce Setup interface. The URL in the browser is [mallareddyuni184-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01IdL000002xv7/Details/view](https://mallareddyuni184-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01IdL000002xv7/Details/view). The page title is "Execution Detail". On the left, there is a sidebar with various setup categories like Fields & Relationships, Page Layouts, Lightning Record Pages, etc. The main content area is titled "Details" and contains fields for API Name (Execution\_Detail\_\_c), Singular Label (Execution Detail), Plural Label (Execution Details), and several checkboxes for object settings such as Enable Reports, Track Activities, and Track Field History, all of which are checked. There are "Edit" and "Delete" buttons at the top right of the details section.

## TASK 3: Tabs

What is Tab : A tab is like a user interface that is used to build records for objects and to view the records in the objects.

### ***Creating a Custom Tab***

To create a Tab:(Venue)

Go to setup page >> type Tabs in Quick Find bar >> click on tabs >> New (under custom object tab)

1. Select Object(Venue) >> Select the tab style >> Next (Add to profiles page) keep it as default >> Next (Add to Custom App) uncheck the include tab .
2. Make sure that the Append tab to users' existing personal customizations is checked.
3. Click save

## Creating Remaining Tabs

1. Now create the Tabs for the remaining Objects, they are “Drop-Off Point, Task, Volunteer, Execution Details”.
2. Follow the same steps as mentioned in above Activity .

The screenshot shows the Salesforce Setup interface. In the top navigation bar, there are multiple tabs like 'venue', 'Login', 'Student', 'SI-69', 'Welcome', 'ChatG', 'Home', and 'Tabs'. The current tab is 'Tabs'. Below the navigation bar, there's a search bar with 'Search Setup' and a sidebar with 'Setup' and 'Object Manager' buttons. The main content area is titled 'SETUP Tabs'. It contains a brief introduction about Visualforce tabs, Lightning Component tabs, and Lightning Page tabs. Below this is a table titled 'Custom Object Tabs' with the following data:

Action	Label	Tab Style	Description
Edit   Del	Drop-Off Points	Camera	
Edit   Del	Execution Details	Chess piece	
Edit   Del	Tasks	Laptop	
Edit   Del	Venues	Computer	
Edit   Del	Volunteers	Heart	

Below this table are sections for 'Web Tabs' and 'Visualforce Tabs', both of which currently have no entries. At the bottom of the page, the URL is shown as <https://mallareddyuniiversity184-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home>.

## TASK 4: The Lightning App

**To create a lightning app page:**

1. Go to setup page >> search “app manager” in quick find >> select “app manager” >> click on New lightning App.
2. Fill the app name in app details and branding as follow  
App Name : FoodConnect  
Name : This will auto populated

Image : optional (if you want to give any image you can otherwise not mandatory)  
Primary color hex value : keep this default.

3. Then click Next >> (App option page) Set Navigation Style as Standard Navigation >> Next.

4. (Utility Items) keep it as default >> Next.

5. To Add Navigation Items:

Search for the item in the (Home, Venue, Drop-Off Point, Task, Volunteer, Execution Details, Reports) from the search bar and move it using the arrow button >> Next.

6. To Add User Profiles:

Search profiles (System administrator) in the search bar >> click on the arrow button >> save & finish.

The screenshot shows the Salesforce App Manager interface. The top navigation bar includes tabs for 'App Manager | Salesforce', 'Student - Skill Wallet', and a search bar. The URL in the address bar is [mallareddyuniiversity184-dev-ed.lightning.force.com/lightning/setup/NavigationMenus/home](https://mallareddyuniiversity184-dev-ed.lightning.force.com/lightning/setup/NavigationMenus/home). The main content area is titled 'New Lightning App' and 'App Options'. On the left, there's a sidebar with sections like 'Salesforce Home', 'Data', 'Apps', and 'Content'. The 'Apps' section is currently selected. The main configuration area has two columns: 'Navigation and Form Factor' and 'Setup and Personalization'. Under 'Navigation and Form Factor', 'Standard navigation' is selected for 'Navigation Style' and 'Desktop and phone' is selected for 'Supported Form Factors'. Under 'Setup and Personalization', 'Setup Experience' is set to 'Setup (full set of Setup options)'. There are also 'App Personalization Settings' with three checkboxes: 'Disable end user personalization of nav items in this app', 'Disable temporary tabs for items outside of this app', and 'Use Omni-Channel sidebar'. At the bottom, there are 'Back' and 'Next' buttons, with the 'Next' button being highlighted. A progress bar at the bottom indicates the step is 1 of 10.

The screenshot shows the 'New Lightning App' configuration screen. In the center, under the heading 'Navigation Items', there is a search bar with the placeholder 'das' and a list of items: Home, Venues, Tasks, and Drop-Off Points. Below this is a progress bar with four steps: Content, Content, Salesforce CRM Content, and Content. The 'Salesforce CRM Content' step is currently selected. At the bottom of the main area, there is a table with two rows:

External Client App Manager	9 Data Manager	DataManager	Use Data Manager to view limits, monitor usage, ...	24/10/2024, 7:57 pm	Lightning	✓
OAuth Usage	10 Digital Experiences	SalesforceCMS	Manage content and media for all of your sites.	24/10/2024, 7:57 pm	Lightning	✓

At the very bottom of the interface, there are 'Back' and 'Next' buttons, and a 'Create' button above the search bar.

The screenshot shows the 'New Lightning App' configuration screen. In the center, under the heading 'User Profiles', there is a search bar with the placeholder 'sys' and a list of profiles: Salesforce API Only System Integrations. Below this is a table with one row:

Available Profiles	Selected Profiles
Salesforce API Only System Integrations	System Administrator

Below the table is a progress bar with four steps: Content, Content, Salesforce CRM Content, and Content. The 'Salesforce CRM Content' step is currently selected. At the bottom of the main area, there is a table with two rows:

External Client App Manager	9 Data Manager	DataManager	Use Data Manager to view limits, monitor usage, ...	24/10/2024, 7:57 pm	Lightning	✓
OAuth Usage	10 Digital Experiences	SalesforceCMS	Manage content and media for all of your sites.	24/10/2024, 7:57 pm	Lightning	✓

At the very bottom of the interface, there are 'Back' and 'Save & Finish' buttons, and a 'Create' button above the search bar.

## **TASK 5: Fields creation**

### **Creation of Relationship fields in objects**

#### ***Creation of Lookup Relationship Field on Volunteer Object :***

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in the search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Master Detail relationship
4. Select the related object “Drop-Off point” and click next.
5. Field Name : Drop\_Off\_point
6. Field label : Auto generated
7. Next >> Next >> Save.

#### ***Creation of Master Detail Relationship Field on Execution Details Object :***

8. Go to setup >> click on Object Manager >> type object name(Execution Details) in the search bar >> click on the object.
9. Now click on “Fields & Relationships” >> New
10. Select Master Detail relationship
11. Select the related object “Volunteer” and click next.
12. Field Name : Volunteer
13. Field label : Auto generated
14. Next >> Next >> Save.

#### ***Creation of Master Detail Relationship Field on Execution Details Object :***

15. Go to setup >> click on Object Manager >> type object name(Execution Details) in the search bar >> click on the object.
16. Now click on “Fields & Relationships” >> New

17. Select Master Detail relationship
18. Select the related object “Task” and click next.
19. Field Name : Task
20. Field label : Auto generated
21. Next >> Next >> Save.

***Creation of Lookup Relationship Field on Drop-Off Point Object :***

22. Go to setup >> click on Object Manager >> type object name(Task) in the search bar >> click on the object.
23. Now click on “Fields & Relationships” >> New
24. Select Lookup relationship
25. Select the related object “Drop-Off Point” and click next.
26. Field Name : Venue
27. Field label : Venue\_c
28. Next >> Next >> Save.

***Creation of Lookup Relationship Field on Task Object :***

29. Go to setup>> click on Object Manager >> type object name(Task) in the search bar >> click on the object.
30. Now click on “Fields & Relationships” >> New
31. Select Lookup relationship
32. Select the related object “Venue” and click next.
33. Field Name : Sponsored By
34. Field label : Auto generated
35. Next >> Next >> Save.

***Creation of Lookup Relationship Field on Task Object :***

36. Go to setup>> click on Object Manager >> type object name(Task) in the search bar >> click on the object.
37. Now click on “Fields & Relationships” >> New
38. Select Lookup relationship
39. Select the related object “Drop-Off point” and click next.
40. Field Name : Drop-Off point
41. Field label : Auto generated
42. Next >> Next >> Save.

#### ***Creation of fields for the Venue object***

1. Go to setup>> click on Object Manager >> type object name(Venue) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Email” and Click on Next
4. Fill the Above as following:
  - Field Label : Contact Email
  - Field Name : Contact Email
  - Click on required check box
  - Click on Next >> Next >> Save and new.

#### ***To create another fields in an object:***

5. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >> click on the object.
6. Now click on “Fields & Relationships” >> New
7. Select Data type as a “Phone” and Click on Next
8. Fill the Above as following:
  - Field Label : Contact Phone
  - Field Name : Contact Phone
  - Click on required check box
  - Click on Next >> Next >> Save and new.

***To create another fields in an object:***

1. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >>click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Geolocation” and Click on Next
4. Fill the Above as following:
  - Field Label : Location
  - Decimal Places : 4
  - Field Name : Location
  - Description : Enter the Geolocation of your Venue
  - Click on Next >> Next >> Save and new.

***To create another fields in an object:***

9. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >> click on the object.
10. Now click on “Fields & Relationships” >> New
11. Select Data type as a “Long Text Area” and Click on Next
12. Fill the Above as following:
  - Field Label : Venue Location
  - Field Name : Venue\_Location
  - Click on Next >> Next >> Save and new.

The screenshot shows the Salesforce Object Manager interface for the 'Venue' object. The left sidebar lists various setup options: Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related Lookup Filters. The main content area is titled 'Fields & Relationships' and shows a table of 8 items, sorted by Field Label. The table includes columns for Field Label, API Name, and Data Type. The fields listed are:

Field Label	API Name	Data Type
Contact Email	Contact_Email_c	Email
Contact Phone	Contact_Phone_c	Phone
Created By	CreatedByld	Lookup(User)
Last Modified By	LastModifiedByld	Lookup(User)
Location	Location_c	Geolocation
Owner	Ownerld	Lookup(User,Group)
Venue Location	Venue_Location_c	Long Text Area(32768)
venue Name	Name	Text(80)

### ***Creation of fields for the Drop-Off point object***

1. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Geolocation” and Click on Next
4. Fill the Above as following:
  - Field Label : Location 2
  - Field Name : gets auto generated
  - Description : Enter the Geolocation of the Drop off Point
  - Geolocation Options : select Decimal
  - Decimal Places : 4
  - Click on Next >> Next >> Save and new.

### ***To create another fields in an object:***

1. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in

- search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
  3. Select Data type as a “Formula” and Click on Next
  4. Fill the Above as following:
    - Field Label : distance calculation
    - Field Name : distance\_calculation
    - Formula Return Type : Number
    - Formula Options : DISTANCE( Location\_2\_\_c , Venue\_\_r.Location\_\_c , 'km')
    - Click on Next >> Next >> Save and new.

***To create another fields in an object:***

5. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
6. Now click on “Fields & Relationships” >> New
7. Select Data type as a “Picklist” and Click on Next
8. Fill the Above as following:
  - Field Label : State
  - Field Name : State
  - Enter values, with each value separated by a new line :  
Andhra Pradesh  
Arunachal Pradesh  
Assam  
Bihar  
Chhattisgarh  
Goa  
Gujarat  
Haryana  
Himachal Pradesh  
Jharkhand  
Karnataka  
Kerala  
Maharashtra  
Madhya Pradesh  
Manipur  
Meghalaya

Mizoram  
Nagaland  
Odisha  
Punjab  
Rajasthan  
Sikkim  
Tamil Nadu  
Tripura  
Telangana  
Uttar Pradesh  
Uttarakhand  
West Bengal  
Andaman & Nicobar (UT)  
Chandigarh (UT)  
Dadra & Nagar Haveli and Daman & Diu (UT)  
Delhi [National Capital Territory (NCT)]  
Jammu & Kashmir (UT)  
Ladakh (UT)  
Lakshadweep (UT)  
Puducherry (UT)

- Click on required check box
- Click on Next >> Next >> Save and new.

**To create another fields in an object:**

9. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
10. Now click on “Fields & Relationships” >> New
11. Select Data type as a “Number” and Click on Next
12. Fill the Above as following:
  - Field Label : Distance
  - Field Name : Distance
  - Length : 14
  - Decimal Places : 4
  - Click on required check box
  - Click on Next >> Next >> Save and new

The screenshot shows the Salesforce Object Manager interface for the 'Drop-Off Point' object. On the left, a sidebar lists various setup categories such as Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related Lookup Filters. The 'Fields & Relationships' section is currently selected. The main area displays a table titled 'Fields & Relationships' with 9 items, sorted by Field Label. The table includes columns for Field Label, API Name, and Data Type. Key fields shown include:

Field Label	API Name	Data Type
Distance	Distance_c	Number(14, 4)
distance calculation	distance_calculation_c	Formula (Number)
Drop-Off Point Name	Name	Text(80)
Last Modified By	LastModifiedById	Lookup(User)
Location2	Location2_c	Geolocation
Owner	OwnerId	Lookup(User,Group)
State	State_c	Picklist

### ***Creation of fields for the Task object***

1. Go to setup > click on Object Manager > type object name(Task) in search bar > click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Auto Number” and Click on Next
4. Fill the Above as following:

- Field Label : Task ID
- Display Format : TASK-{0}
- Starting Number : 1
- Field Name : gets auto generated
- Click on required check box
- Click on Next >> Next >> Save and new.

**To create another fields in an object:**

1. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Date” and Click on Next
4. Fill the Above as following:
  - Field Label : Date
  - Field Name : Date
  - Click on required check box
  - Click on Next >> Next >> Save and new.

**To create another fields in an object:**

5. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
6. Now click on “Fields & Relationships” >> New
7. Select Data type as a “Picklist (Multi-Select)” and Click on Next
8. Fill the Above as following:
  - Field Label : Food Category
  - Field Name : Food Category
  - Enter values, with each value separated by a new line :

Veg  
Non-Veg  
Salad  
Snack
  - Click on required check box
  - Click on Next >> Next >> Save and new.

**To create another fields in an object:**

9. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
10. Now click on “Fields & Relationships” >> New
11. Select Data type as a “Number” and Click on Next
12. Fill the Above as following:
  - Field Label : Number of People Served
  - Field Name : Number\_of\_People\_Served
  - Click on required check box
  - Click on Next >> Next >> Save and new.

**To create another fields in an object:**

13. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
14. Now click on “Fields & Relationships” >> New
15. Select Data type as a “Text” and Click on Next
16. Fill the Above as following:
  - Field Label : Name of the Person
  - Field Name : Name\_of\_the\_Person
  - Click on Next >> Next >> Save and new.

**To create another fields in an object:**

17. Go to setup>> click on Object Manager >> type object name(Task) in search bar >> click on the object.
18. Now click on “Fields & Relationships” >> New
19. Select Data type as a “Phone” and Click on Next
20. Fill the Above as following:
  - Field Label : Phone
  - Field Name : Phone
  - Click on Next >> Next>> Save and new.

**To create another fields in an object:**

21. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
22. Now click on “Fields & Relationships” >> New
23. Select Data type as a “Pick List” and Click on Next
24. Fill the Above as following:
  - Field Label : Rating
  - Field Name : Rating
  - Enter values, with each value separated by a new line :
    - 1
    - 2
    - 3
    - 4
    - 5
- Click on Next >> Next >> Save and new.

**To create another fields in an object:**

25. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
26. Now click on “Fields & Relationships” >> New
27. Select Data type as a “Long Text Area” and Click on Next
28. Fill the Above as following:
  - Field Label : Feedback
  - Field Name : Feedback
  - Click on Next >> Next >> Save and new.

The screenshot shows the Salesforce Object Manager Fields & Relationships page for the Task object. The left sidebar lists various setup categories like Page Layouts, Lightning Record Pages, and Field Sets. The main content area displays a table titled 'Fields & Relationships' with 16 items, sorted by Field Label. The columns are FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Date	Date_c	Date		
Distance	Distance_c	Number(14, 4)		
Drop-Off Point	Drop_Off_Point_c	Lookup(Drop-Off Point)		✓
Feedback	Feedback_c	Long Text Area(32768)		
Food Category	Food_Category_c	Picklist (Multi-Select)		

The screenshot shows the Salesforce Object Manager Fields & Relationships page for the Task object, displaying a different set of fields compared to the first screenshot. The left sidebar and main content area are similar, showing a table titled 'Fields & Relationships' with 16 items, sorted by Field Label. The columns are FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Number of People Served	Number_of_People_Served_c	Number(18, 0)		
Owner	OwnerId	Lookup(User,Group)		✓
Phone	Phone_c	Phone		
Rating	Rating_c	Picklist		
Sponsored By	Sponsored_By_c	Lookup(Task)		✓
Task ID	Task_ID_c	Auto Number		
Task Name	Name	Text(80)		✓
Venue	Venue_c_c	Lookup(Drop-Off Point)		✓

### ***Creation of fields for the Volunteer object***

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Auto Number” and Click on Next
4. Fill the Above as following:
  - Field Label : Volunteer ID
  - Field Name : gets auto generated
  - Click on required check box
  - Click on Next >> Next >> Save and new.
  - Click on Next >> Next >> Save and new.

### ***To create another fields in an object:***

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Picklist” and Click on Next
4. Fill the Above as following:
  - Field Label : Gender
  - Field Name : Gender
  - Enter values, with each value separated by a new line :  
Female  
Male
  - Click on Next >> Next >> Save and new.

### ***To create another fields in an object:***

5. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
6. Now click on “Fields & Relationships” >> New
7. Select Data type as a “Date” and Click on Next
8. Fill the Above as following:
  - Field Label : Available On
  - Field Name : Available On

- Click on required check box
- Click on Next >> Next >> Save and new.

***To create another fields in an object:***

9. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
10. Now click on “Fields & Relationships” >> New
11. Select Data type as a “Number” and Click on Next
12. Fill the Above as following:
  - Field Label : Age
  - Field Name : Age
  - Click on required check box
  - Click on Next >> Next>> Save and new.

***To create another fields in an object:***

13. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
14. Now click on “Fields & Relationships” >> New
15. Select Data type as a “Email” and Click on Next
16. Fill the Above as following:
  - Field Label : Email
  - Field Name : Email
  - Click on required check box
  - Click on Next>> Next >> Save and new.

***To create another fields in an object:***

17. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
18. Now click on “Fields & Relationships” >> New
19. Select Data type as a “Number” and Click on Next
20. Fill the Above as following:

- Field Label : Contact Number
- Field Name : Contact\_Number
- Click on required check box
- Click on Next >> Next >> Save and new.

***To create another fields in an object:***

21. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
22. Now click on “Fields & Relationships” >> New
23. Select Data type as a “Text Area (Long)” and Click on Next
24. Fill the Above as following:
  - Field Label : Address
  - Field Name : Address
  - Click on Next >> Next >> Save and new.

***To create another fields in an object:***

25. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
26. Now click on “Fields & Relationships” >> New
27. Select Data type as a “Date” and Click on Next
28. Fill the Above as following:
  - Field Label : Date of Birth
  - Field Name : Date\_of\_Birth
  - Click on Next >> Next >> Save and new.

The screenshot shows the Salesforce Object Manager interface for the 'Volunteer' object. The 'Fields & Relationships' tab is selected. The table below lists the fields:

Field Label	Field Name	Type
Address	Address__c	Long Text Area(32768)
Age	Age__c	Number(18, 0)
Available On	Available_On__c	Date
Contact Number	Contact_Number__c	Number(18, 0)
Created By	CreatedBy	Lookup(User)
Date of Birth	Date_of_Birth__c	Date
Drop-Off Point	Drop_Off_Point__c	Master-Detail(Drop-Off Point)
Email	Email__c	Email
Execution ID	Execution_ID__c	Auto Number
Gender	Gender__c	Picklist
Last Modified By	LastModifiedBy	Lookup(User)
Volunteer ID	Volunteer_ID__c	Auto Number
Volunteer Name	Name	Text(80)

### ***Creation of fields for the Execution Details object***

1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.

2. Now click on “Fields & Relationships” >> New

3. Select Data type as a “Auto Number” and Click on Next

4. Fill the Above as following:

- Field Label : Execution ID
- Field Name : gets auto generated
- Click on required check box
- Click on Next >> Next >> Save and new.

The screenshot shows the Salesforce Setup interface under the Object Manager. The left sidebar is collapsed, and the main area displays the 'Execution Detail' page for 'Fields & Relationships'. The page title is 'Fields & Relationships' with a subtitle '5 Items, Sorted by Field Label'. A table lists five fields:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Execution Detail Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Task	Task_c	Master-Detail(Task)		✓
Volunteer	Volunteer_c	Master-Detail(Volunteer)		✓

## TASK 6: FLOWS

### Create Flow to create a record in Venue object

1. Go to setup >> type Flow in quick find box >> Click on the Flow and Select the New Flow.
2. Select the Screen flow. Click on create.

The screenshot shows the 'Flow Builder' interface with the 'Select Type' screen open. The 'Toolbox' is visible on the left. The 'Recommended' section contains six flow types:

- Screen Flow**: Guides users through a business process that's launched from Lightning pages, Experience Cloud sites, quick actions, and more.
- Record-Triggered Flow**: Launches when a record is created, updated, or deleted. This autolaunched flow runs in the background.
- Schedule-Triggered Flow**: Launches at a specified time and frequency for each record in a batch. This autolaunched flow runs in the background.
- Platform Event—Triggered Flow**: Launches when a platform event message is received. This autolaunched flow runs in the background.
- Autolaunched Flow (No Trigger)**: Launches when invoked by Apex, processes, REST API, and more. This autolaunched flow runs in the background.
- Record-Triggered Orchestration**: Launches when a record is created or updated. An orchestration lets you create a multi-step, multi-user process.

At the bottom right of the screen is a 'Create' button.

3. Click on the '+' icon in between start and end, and click on screen element.

4. Under the Screen Properties:

Label : Venue Details

API Name : Venue\_Details

5. Now lets add components in this flow. Click on Text Component and name it as:

Label : Venue Name

API Name : Venue\_Name

6. Click on Email Component and name it as:

Label : Email

API Name : Contact\_Email

7. Click on Phone Component and name it as:

Label : Phone

API Name : Contact\_Phone

8. Click on Text Component and name it as:

Label : Venue Location

API Name : Venue\_Location

9. Click on Number Component and name it as:

Label : Latitude

API Name : Latitude

10. Click on Number Component and name it as:

Label : longitude

API Name : longitude

11. Next click on Done. This would like below

12. Click on the '+' icon in between Venue details and end, and click on create record element.

13. Now label it as

Label : Create Venue Record

API Name : Create\_Venue\_Record

How Many Records to Create : One

How to Set the Record Fields : Use separate resources, and literal values

Object : Venue

Set Field Values for the Venue : Click on 'Add Field' 5 times

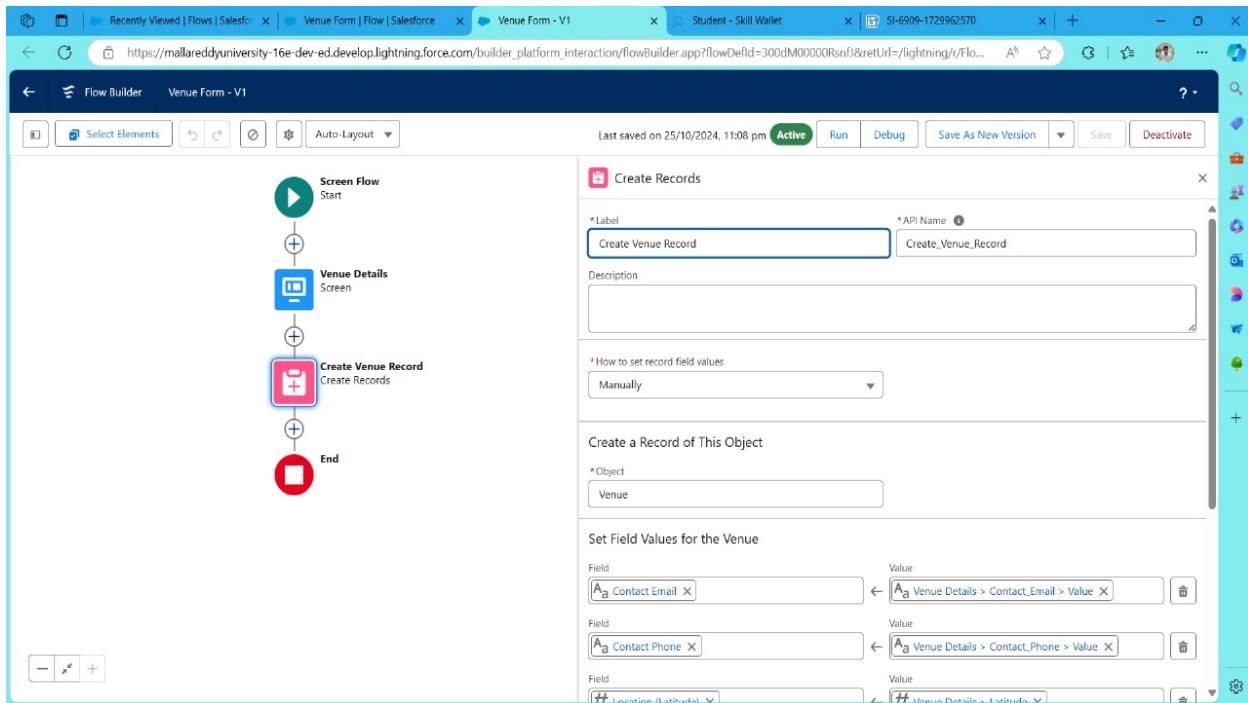
Field : Value = Contact\_Email\_\_c : {!Contact\_Email.value}

Field : Value = Contact\_Phone\_\_c : {!Contact\_Phone.value}

Field : Value = Name : {!Venue\_Name}

Field : Value = Venue\_Location\_\_c : {!location}  
 Field : Value = Location\_\_Latitude\_\_s : {!latitude}  
 Field : Value = Location\_\_Longitude\_\_s : {!longitude}

14. This would look like:



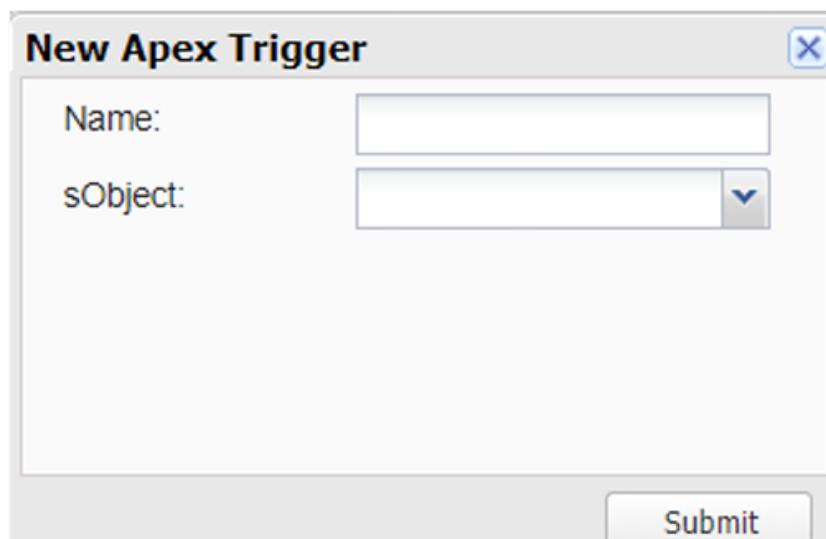
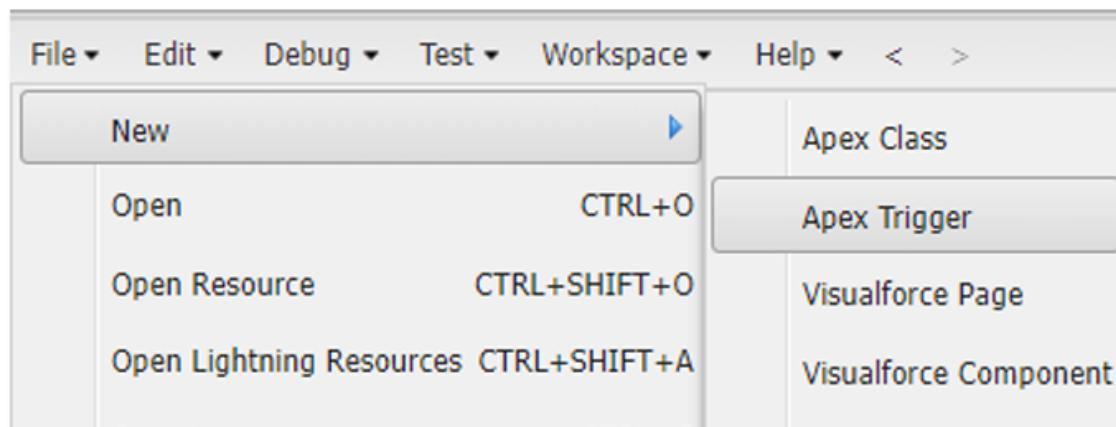
15. Click on Save as:

Flow Label : Venue Form  
 Flow API Name : Venue\_Form

## TASK 7: Trigger

### *Create a Trigger*

1. Log into the trailhead account, navigate to the gear icon in the top right corner.
2. Click on developer console and you will be navigated to a new console window.
3. Click on the File menu in the toolbar, and click on new >> Trigger.
4. Enter the trigger name and the object to be triggered.



5. Enter Name : DropOffTrigger

sObject: Drop-Off Point

6. Click on Submit

#### ***Trigger Code***

(This Trigger is to assign Distance field to the Distance Calculation field. So that we can assign the distance in the sharing rules.)

#### ***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;
```

```
}
```

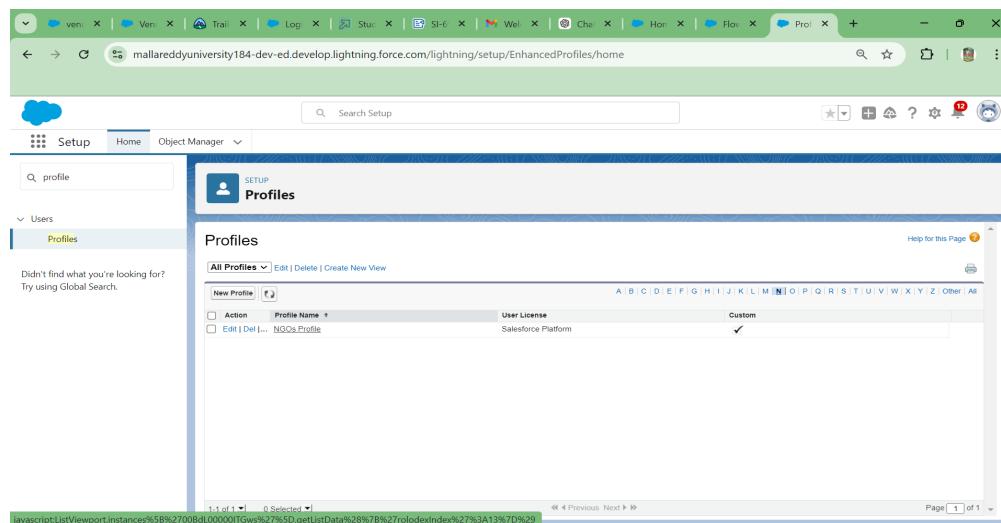


```
trigger DropOffTrigger on Drop_Off_point__c (before insert) {
    for(Drop_Off_point__c Drop : Trigger.new){
        Drop.Distance__c = Drop.distance_calculation__c;
    }
}
```

## TASK 8: Profiles

1. Go to setup page >> type Profiles in Quick Find bar >> click on Profiles >> click on 'S'
2. Click on Clone beside Standard Platform User.
3. Under Clone Profile:  
Profile Name : NGOs Profile

### 1. Then click on Save



Action	Profile Name	User License
<input type="checkbox"/> Edit   Del   ...	NGOs Profile	Salesforce Platform

## TASK 9 : Creation of Users

In our Project we consider them as NGO's

### ***Creation of User1***

1. Go to setup page >> type users in Quick Find bar >> click on users>> New user.
2. In General Information give details as: (Note : create users as per your wish NGO's)

First Name : Iksha Foundation

Last Name : Iksha\_Foundation

Alias : iiksh

Email : 2111cs010329@mallareddyuniiversity.ac.in

Username : 2111cs010329@mallareddyuniiversity.ac.in

Nickname : Auto Populated

User License : Salesforce Platform

Profile : NGOs Profile

Active : Check

The screenshot shows the Salesforce User Edit screen. The URL in the browser is [mallareddyuniiversity184-dev-ed.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F005dL000008uFxR%2Fe%3FisUser...](https://mallareddyuniiversity184-dev-ed.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F005dL000008uFxR%2Fe%3FisUser...). The page title is "User Edit". The left sidebar shows the "Users" section selected. The main form is titled "Iksha Foundation Iksha\_Foundation". The "General Information" tab is active. The form fields are filled as follows:

Field	Value
First Name	Iksha Foundation
Last Name	Iksha_Foundation
Alias	iiksh
Email	2111cs010329@mallareddy
Username	2111cs010329@mallareddy
Nickname	User172979458823070375
Title	(empty)
Company	(empty)
Department	(empty)
Division	(empty)
Role	<None Specified>
User License	Salesforce Platform
Profile	NGOs Profile
Active	<input checked="" type="checkbox"/>
Marketing User	<input type="checkbox"/>
Offline User	<input type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>
Data.com User Type	--None--

3. Click on Save

## ***Creation of User2, User3***

Create another Two Users by following steps in Activity - 1 with similar User License and Profile.

Give Different First Name, Last Name based on Different NGO's.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>   Edit	Chatter Expert	Chatter	chatty.00dd100000egomfuaap.l3plrlzlxck@chatter.salesforce.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Chatter Free User
<input type="checkbox"/>   Edit	Iksha_Foundation_Iksha Foundation	iksh	2111cs010329@mallareddyuniiversity.ac.in	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NGOs Profile
<input type="checkbox"/>   Edit	nishanth_nishanth	nnish	2111cs010330@mallareddyuniiversity.a.in	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NGOs Profile
<input type="checkbox"/>   Edit	prashanth_prashanth	poras	2111cs010350@mallareddyuniiversity.a.in	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NGOs Profile
<input type="checkbox"/>   Edit	Rachakonda_Nishanth Kumar	NRach	320@company.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/>   Edit	User_Integration	integ	integration@00dd100000egomfuaq.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/>   Edit	User_Security	sec	insightssecurity@00dd100000egomfuaq.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Analytics Cloud Security User

## **TASK 10:Public Groups**

### ***Creation of Public Group 1***

1. Go to setup page >> type Public Groups in Quick Find bar >> click on Public Groups >> click on New.
2. Under Group Information:  
Label : Iksha  
Group Name : Iksha Grant Access Using Hierarchies : Check
3. In Search, Select Users.
4. In Selected Members Add Iksha Foundation and System Administrator

**Group Information**

**Edit Public Group**

Label: Iksha  
Group Name: Iksha  
Grant Access Using Hierarchies:   
Description:

Search: Public Groups for:  Find

Available Members	Selected Members
Group: nishanth	Iksha Foundation iksha_Foundation
Group: prashanth	Nishanth Kumar Rachakonda

Add  Remove

## Creation of Public Group 2

1. By Following Steps in Activity 1, Create other two Public Groups for other two users.
2. After Saving this would look like this.

**Public Groups**

A public group is a set of users. It can contain individual users, other groups, the users in a particular role or territory, or the users in a role or territory plus all of the users below that role or territory in the hierarchy.

View: All   Help for this Page

Action	Label	Group Name	Created By	Created Date
<a href="#">Edit</a>   <a href="#">Del</a>	Iksha	Iksha	Rachakonda, Nishanth Kumar	25/10/2024, 12:11 am
<a href="#">Edit</a>   <a href="#">Del</a>	nishanth	nishanth	Rachakonda, Nishanth Kumar	25/10/2024, 12:12 am
<a href="#">Edit</a>   <a href="#">Del</a>	prashanth	prashanth	Rachakonda, Nishanth Kumar	25/10/2024, 12:13 am

Didn't find what you're looking for?  
Try using Global Search.

<https://mallareddyuni184-dev-ed.lightning.force.com/lightning/setup/PublicGroups/home>

# TASK 11: Report Types

## ***Creation of Report Types***

1. Go to setup page >> type Report Types in Quick Find bar >> click on Report Types >> click on Continue >> Click on New Custom Report Type.
2. In Define the Custom Report Type:  
Primary Object : Select Venues  
Report Type Label : Venue with DropOff with Volunteer  
Report Type Name : Venue\_with\_DropOff\_with\_Volunteer  
Description : Venue with DropOff with Volunteer  
Store in Category : Select Other Reports  
Deployment Status : Deployed
3. Click on Next
4. Near Click to relate another Object Select Drop-Off Points.
5. And also select "A" records may or may not have related "B" records.
6. Now again Near Click to relate another Object Select Volunteers.
7. Now click on Save.

The screenshot shows the Salesforce Setup interface for creating a custom report type. The URL in the browser is <mallareddyuniiversity184-dev-ed.lightning.force.com/lightning/setup/CustomReportTypes/page?address=%2F070dL000007vK7d>.

The left sidebar shows the navigation menu with 'Report Types' selected. The main content area displays the 'Report Types' setup page for a custom report type named 'Venue with DropOff with Volunteer'. The 'Custom Report Type Definition' section shows the following details:

Custom Report Type Label	Venue with DropOff with Volunteer
Report Type Name	Venue_with_DropOff_with_Volunteer
Description	Venue with DropOff with Volunteer
Created By	Nishanth Kumar Rachakonda, 25/10/2024, 12:25 am
Report Type Category	Other Reports
Deployment Status	Deployed
Modified By	Nishanth Kumar Rachakonda, 25/10/2024, 12:46 am

The 'Object Relationships' section contains the following information:

- Venues (A)**: with or without related records from **Drop-Off Points (B)**
- Venues (A)**: with or without related records from **Volunteers (C)**

A diagram illustrates the relationships between three objects: A (Venues), B (Drop-Off Points), and C (Volunteers). It shows three overlapping circles labeled A, B, and C. Below the circles is a legend with colored bars corresponding to A (blue), B (orange), and C (green).

## TASK 12:Reports

### ***Creation of Report on Venue with DropOff with Volunteer***

1. Go to the app(FoodConnect) >> click on the reports tab
2. Click on New Folder.

Folder Label : Custom Reports

Folder Unique Name : CustomReports

3. Open Custom Reports and click on New Report
4. Select Report Type : Venue with DropOff with Volunteer
5. Then click on Start Report.
6. In GROUP ROWS : Add Volunteer Name
7. In Columns : Add Venue Name, Drop-Off point Name, Distance.
8. Now click on Save & Run.
9. Give Label as :
10. Report Name : venue and Drop Off point
11. Report Unique Name : Auto Populated
12. Click on Select Folder and select Custom Report, then click on Save.

The screenshot shows the FoodConnect Reports interface. At the top, there's a navigation bar with various tabs like Home, Venues, Tasks, Drop-Off Points, Volunteers, Execution Details, Reports, and Dashboards. Below that is a toolbar with icons for search, refresh, add chart, save/run, and other report-specific functions. The main area is titled 'REPORT' and shows a report named 'venue and Drop Off point' with a subtitle 'Venue with DropOff with Volunteer'. On the left, there's a sidebar for 'Outline' and 'Filters' where 'Volunteer Name' is selected. The main content area shows a table with the following data:

Volunteer Name	venue Name	Drop-Off Point Name	Distance
- (1)	nishanth	-	-
Subtotal			0.0000
Total (1)			0.0000

At the bottom, there are checkboxes for Row Counts, Detail Rows, Subtotals, Grand Total, and Conditional Formatting.

## **Creation of Report on Volunteers with Execution Details and Tasks**

1. Go to the app(FoodConnect) >> click on the reports tab
2. Click on Custom Reports Folder and click on New Report
3. Select Report Type : Volunteers with Execution Details and Tasks.
4. Then click on Start Report.
5. In GROUP ROWS : Volunteer ID
6. In Columns : Add Volunteer : Volunteer Name, Task : Task Name, Execution Detail : Execution Detail Name, Volunteer: Owner Name, Task: Date, Task : Rating.
7. Now click on Save & Run.
8. Give Label as :  
Report Name : Volunteer Task  
Report Unique Name : Auto Populated

1. Click on Select Folder and select Custom Report, then click on Save.

The screenshot shows a web browser window with a green header bar containing various tabs. Below the header is the FoodConnect navigation bar with links for Home, Venues, Tasks, Drop-Off Points, Volunteers, Execution Details, Reports (which is currently selected), and Dashboards. The main content area displays a report titled "Report: Tasks with Execution Details and Volunteers" and "Volunteer Task". The report table has the following data:

	Volunteer: Volunteer ID	Task: Task Name	Execution Detail: Execution Detail Name	Volunteer: Volunteer Name	Task: Owner Name	Rating	Date
1 (1)	food supply	pavan		murali	Nishanth Kumar Rachakonda	4	24/10/2024

At the bottom of the report, there are buttons for "Enable Field Editing", "Add Chart", and "Edit". At the very bottom of the page, there are checkboxes for Row Counts, Detail Rows, Subtotals, and Grand Total.

## TASK 13:Dashboards

### **Adding venue and Drop Off point Report to the Dashboard**

1. Go to the app(FoodConnect) >> click on the Dashboards tab.
2. Click on New Folder.

Folder Label : Custom Dashboards

Folder Unique Name : Auto Populated

3. Open Custom Dashboards and click on New Dashboards
4. Name : Organization Details
5. Click on Widget and select Chart or Table
6. In Select Report : Select venue and Drop Off point Report.
7. Then click on select
8. In Add Component:

Display As : Select Lightning Table

Component Theme : Select Dark (Optional)

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

Total Records	Total Distance
3	570.0000
Subtotal	30.0000
Subtotal	540.0000
Total (3)	570.0000

Row Counts  Detail Rows  Subtotals  Grand Total

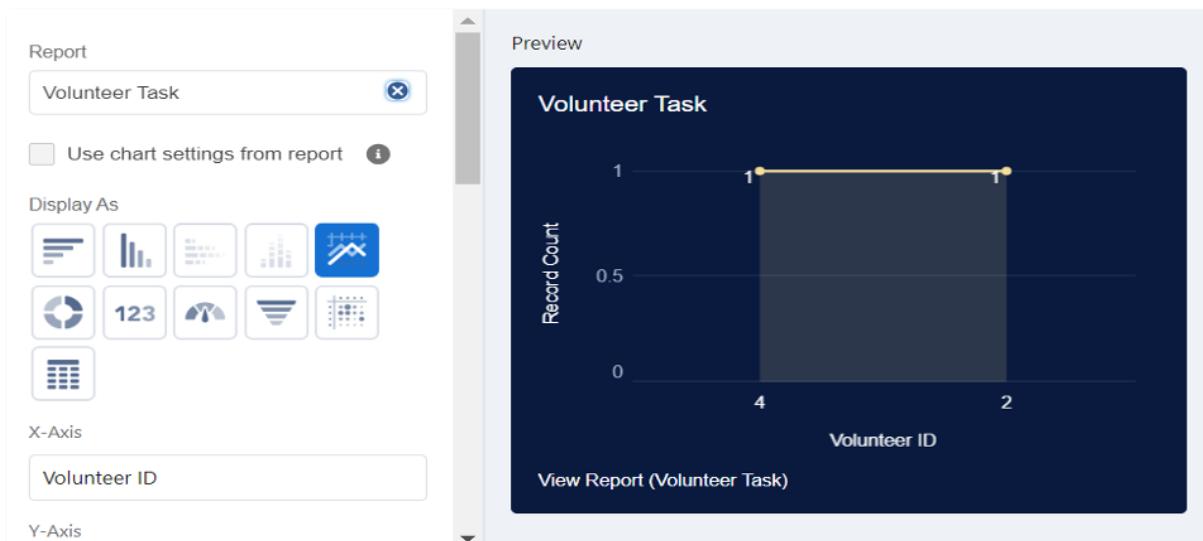
Now click on save.

### **Adding Volunteer Task Report to the Dashboard**

1. Click on Widget and select Chart or Table
2. In Select Report : Select Volunteer Task Report.
3. Then click on select
4. In Add Component:

Display As : Select Line Chart

Component Theme : Select Dark (Optional)



Now click on save.

### **Adding a Picture to the Dashboard (Optional):**

(Note : To upload an image into the Dashboard, we have to first download an image from google or other sources into your system)

1. Click on Widget and select Image. Then click on Browse Files.
2. Then Select the Picture you want to upload in this Dashboard.
3. Then click on Save As :  
Name : Task Execution Details  
Click on Select Folder and select Custom Dashboards
4. Click on Select Folder and then Save.

venue Name	Drop-Off Point Name	distance calculation
nishanth	nishanth	8.86k
nishanth	nishanth	9.03k
pavan	-	

Volunteer Task

Record Count: 1

Volunteer: Volunteer ID

View Report (venue and Drop Off point)

View Report (Volunteer Task)

## TASK 14: Sharing Rules

### ***Creation of sharing rules***

1. Go to setup >> type Sharing Settings in quick find box >> Click on the Sharing Settings.
2. Scroll down and find Drop-Off point Sharing Rules.
3. Click on new near Drop-Off point Sharing Rules and Name it as:  
Label : Rule 1  
Rule Name : Rule\_1
4. Select your rule type : Select Based on criteria.
5. Select which records to be shared:  
Field : Operator : Value = Distance : less than : 15
6. Select the users to share with : Near Share With  
Public Groups : Iksha
7. Click on Save.
8. Click on new near Drop-Off point Sharing Rules and Name it as:

Label : Rule 2

Rule Name : Rule\_2

9. Select your rule type : Select Based on criteria.

10. Select which records to be shared:

Field : Operator : Value = Distance : greater than : 15

Field : Operator : Value = Distance : less or equal : 30

11. Select the users to share with : Near Share With

Public Groups : NSS

12. Click on Save.

13. Click on new near Drop-Off point Sharing Rules and Name it as:

Label : Rule 3

Rule Name : Rule\_3

14. Select your rule type : Select Based on criteria.

15. Select which records to be shared:

Field : Operator : Value = Distance : greater than : 30

Field : Operator : Value = Distance : less or equal : 50

16. Select the users to share with : Near Share With

Public Groups : Street Cause

17. Click on Save.

The screenshot shows the Salesforce Sharing Settings page. On the left, there's a sidebar with a search bar and sections for Security (Guest User Sharing Rule Access Report, Sharing Settings), Reports, and Global Search. The main area has a header "Sharing Settings" with a "SETUP" icon. Below it, there are sections for "Manager Groups" (checkboxes for Secure guest user record access and Require permission to view record names in lookup fields), "Sharing Rules" (a table titled "Drop-Off Point Sharing Rules" with columns for Action, Criteria, Shared With, and Access Level), and "Sharing Overrides" (a table with columns for Profile, Custom Profile, Organization-Wide Permissions, and Drop-Off Point Permissions). A note at the bottom of the Sharing Overrides section states: "Organization-wide permissions affect all objects in the organization. Object permissions affect only the given object." The table rows show rules for Group\_Iksha, Group\_nishanth, and Group\_prashanth.

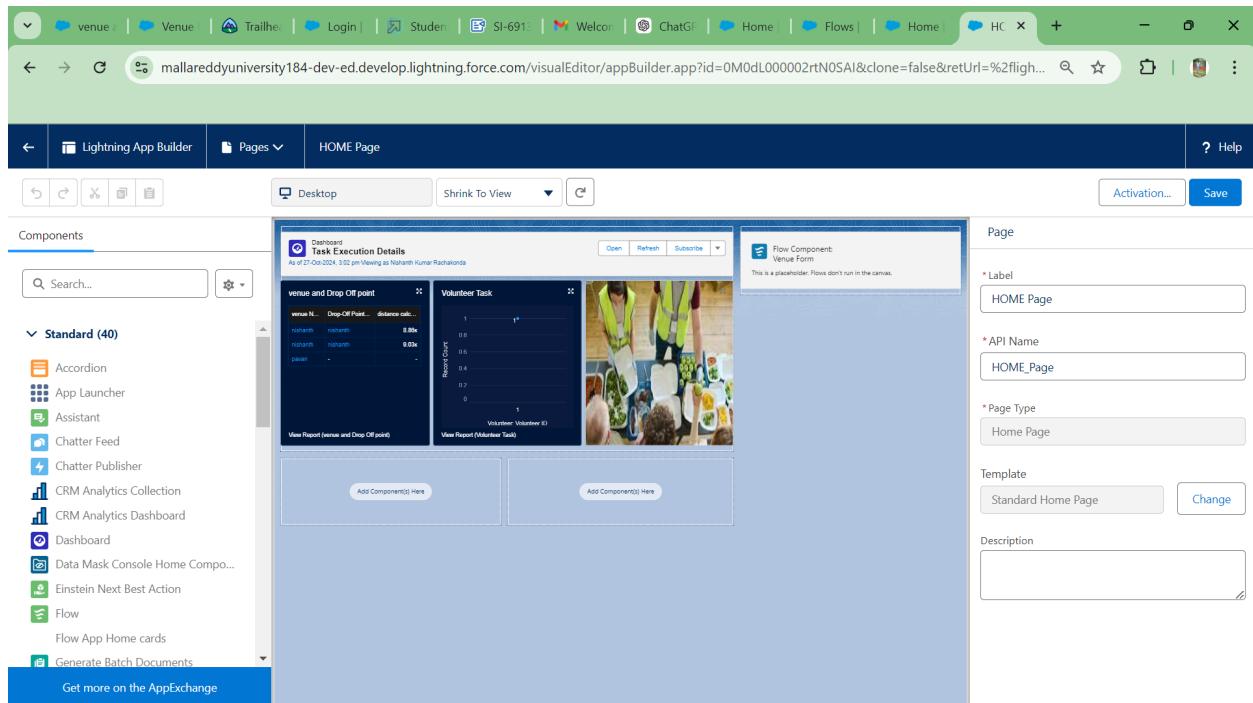
Action	Criteria	Shared With	Access Level
Edit   Del	Drop-Off Point: Location2 (Latitude) LESS THAN 15	Group_Iksha	Read Only
Edit   Del	(Drop-Off Point: Location2 (Latitude) GREATER THAN 15) AND (Drop-Off Point: Location2 (Longitude) LESS OR EQUAL 30)	Group_nishanth	Read Only
Edit   Del	(Drop-Off Point: Location2 (Latitude) GREATER THAN 30) AND (Drop-Off Point: Location2 (Longitude) LESS OR EQUAL 50)	Group_prashanth	Read Only

Profile	Custom Profile	Organization-Wide Permissions	Drop-Off Point Permissions
Analytics Cloud Integration User		View All Data	View All

# TASK 15:Home Page

## *Creation of Home Page*

1. Go to setup >> type Lightning App Builder in quick find box >> Click on the Lightning App Builder and Select the New.
2. Select Home Page and give Label as HOME Page.
3. Select Standard Home Page.
4. Near Components search for Flow and Drag and Drop in Right Side Section..
5. On the right hand side: Flow : Venue Flow
6. Near Components search for Dashboard, then Drag and Drop it in first Section.



7. Click on Save and Activation, then click on App Default, then Add Assignments.
8. Add FoodConnect App and then Save.
9. FoodConnect Home Page would Look Like this.

**Task Execution Details**

As of 27-Oct-2024, 3:02 pm Viewing as Nishanth Kumar Rachakonda

venue N...	Drop-Off Point...	distance calc...
nishanth	nishanth	8.86k
nishanth	nishanth	9.03k
pavan	-	-

**Volunteer Task**

Record Count: 1

Volunteer: Volunteer ID

**Venue Form**

Venue Name:

Email:  you@example.com

Phone:

Venue Location:

Latitude:

Longitude:

**Next**

## Conclusion

In conclusion, the Food Connect app for Salesforce serves as a transformative solution for managing food donations and addressing food insecurity within communities. By leveraging Salesforce's powerful CRM platform, the app streamlines the process of connecting food donors, such as grocery stores, restaurants, and individuals, with nonprofits and food banks, ensuring that surplus food reaches those who need it most. This app enhances efficiency, transparency, and accountability, allowing organizations to track donations, manage logistics, and maintain communication with donors and recipients effectively. Through this streamlined process, the Food Connect app not only reduces food waste but also strengthens community bonds and fosters a culture of giving. Overall, it provides a scalable, tech-driven approach to tackling hunger and waste, positioning organizations to make a greater impact in creating a more sustainable and supportive food system.

