

TO SUPPLY LEFTOVER FOOD TO POOR

College Name: Sri Vasavi College (Self Finance Wing), Erode

College Code: bru17

Team ID: NM2025TMID23298

TEAM MEMBERS:

Team Leader: HARIPRASATH M

Email: hariprasath2656@gmail.com

Team member: DHARANI V

Email: dkharanivadivel06@gmail.com

Team member: HARINI A K

Email: papaharini2006@gmail.com

Team member: KAANTHA KUMAR V

Email: vkaanthakumar@gmail.com

INTRODUCTION:

Project Overview:

The project aims to collect leftover but edible food from sources like restaurants, events, and households and distribute it to the poor and hungry. A team of volunteers or partners will handle the safe collection, packaging, and delivery of the food. The initiative helps reduce food waste while supporting underprivileged communities. It encourages social responsibility and promotes a more sustainable and compassionate society.

Purpose:

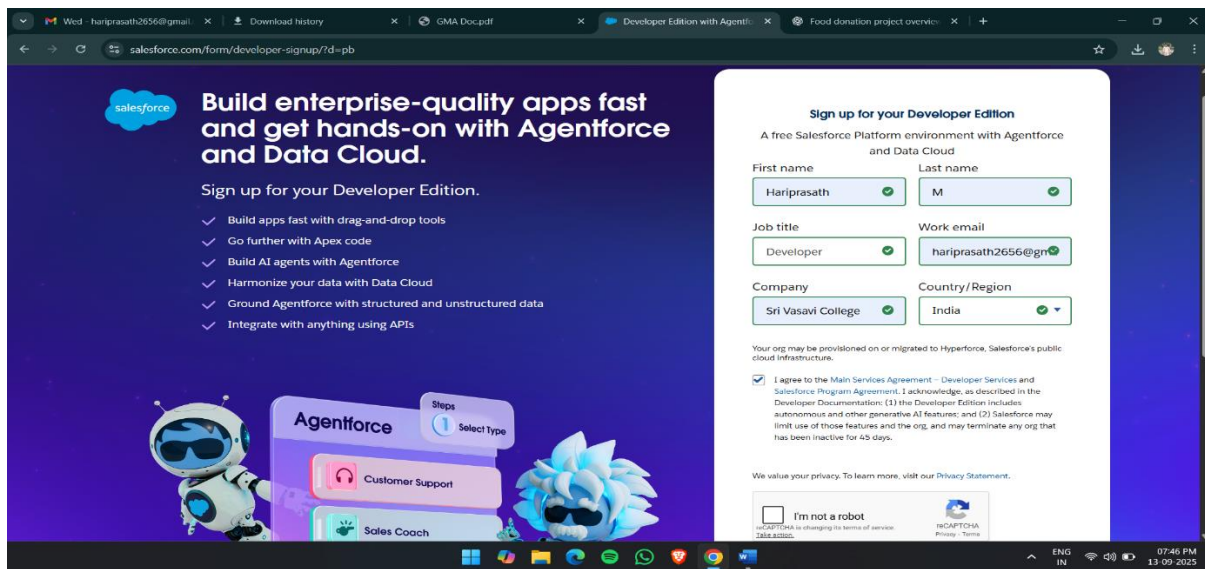
The purpose of this project is to reduce food wastage by redirecting surplus, edible food to people in need. It aims to fight hunger and support underprivileged communities who lack access to regular meals. By connecting food donors with the needy, the project promotes social welfare and environmental sustainability. It also encourages community participation and responsibility.

DEVELOPMENT PHASE:

Creating Developer Account:

By using this URL - <https://developer.salesforce.com/signup>

Creating Developer Account:



The screenshot shows the Salesforce Developer Edition signup page. On the left, there's a promotional banner for Agentforce and Data Cloud. The main content area is titled "Sign up for your Developer Edition" and describes it as a free Salesforce Platform environment. Below this, there are several bullet points listing benefits like building apps fast, using Apex code, and integrating with APIs. The right side of the page contains a registration form with fields for First name (Hariprasath), Last name (M), Job title (Developer), Work email (hariprasath2656@gmail.com), Company (Sri Vasavi College), and Country/Region (India). There's also a checkbox for agreeing to the Main Services Agreement and a CAPTCHA verification section.

Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud.

Sign up for your Developer Edition.

- ✓ Build apps fast with drag-and-drop tools
- ✓ Go further with Apex code
- ✓ Build AI agents with Agentforce
- ✓ Harmonize your data with Data Cloud
- ✓ Ground Agentforce with structured and unstructured data
- ✓ Integrate with anything using APIs

Sign up for your Developer Edition

A free Salesforce Platform environment with Agentforce and Data Cloud

First name: Hariprasath ✓ Last name: M ✓

Job title: Developer ✓ Work email: hariprasath2656@gmail.com ✓

Company: Sri Vasavi College ✓ Country/Region: India ✓

Your org may be provisioned on or migrated to Hyperforce, Salesforce's public cloud infrastructure.

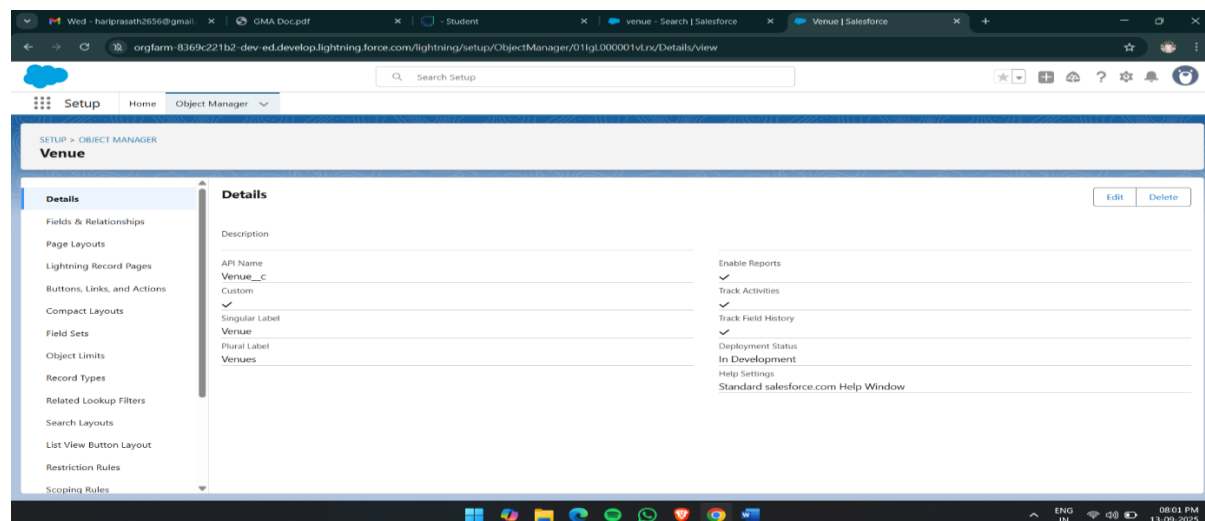
☒ I agree to the Main Services Agreement - Developer Services and Salesforce Program Agreement, I acknowledge, as described in the Developer Documentation: (1) the Developer Edition includes autonomous and other generative AI features; and (2) Salesforce may limit use of those features and the org, and may terminate any org that has been inactive for 45 days.

We value your privacy. To learn more, visit our [Privacy Statement](#).

☐ I'm not a robot

Creating Object:

➤ Venue, Drop-Off Point, Task, Volunteer, Execution Details.



The screenshot shows the Salesforce Setup page for creating a new object. The left sidebar contains a navigation menu with options like Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled "Venue" and shows the "Details" section. It includes fields for API Name (Venue__c), Singular Label (Venue), and Plural Label (Venues). There are also checkboxes for "Enable Reports", "Track Activities", "Track Field History", "Deployment Status", and "In Development". The bottom of the page shows the standard Salesforce footer with the text "Standard salesforce.com Help Window".

Setup | Home | Object Manager | Venue

VENUE

Details

Description

API Name: Venue__c

Custom

Singular Label: Venue

Plural Label: Venues

Enable Reports: ☒

Track Activities: ☒

Track Field History: ☒

Deployment Status: ☒

In Development: ☒

Help Settings: Standard salesforce.com Help Window

Web - hargrassh2656@gmail.com x GMA Doc.pdf x Student x venue - Search | Salesforce x Drop-Off Point | Salesforce x +

orgfarm-8369c221b2-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gl000001vLwn/Details/view

Setup Home Object Manager

Drop-Off Point

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Scoping Rules

Details

Description

API Name: Drop_Off_Point_c

Custom

Singular Label: Drop-Off Point

Plural Label: Drop-Off Points

Enable Reports

Track Activities

Track Field History

Deployment Status: In Development

Help Settings

Standard salesforce.com Help Window

Edit Delete

ENG IN 08:04 PM 13-09-2025

Web - hargrassh2656@gmail.com x GMA Doc.pdf x Student x venue - Search | Salesforce x Task | Salesforce x +

orgfarm-8369c221b2-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gl000001vM1d/Details/view

Setup Home Object Manager

Task

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Scoping Rules

Details

Description

API Name: Task_c

Custom

Singular Label: Task

Plural Label: Tasks

Enable Reports

Track Activities

Track Field History

Deployment Status: In Development

Help Settings

Standard salesforce.com Help Window

Edit Delete

ENG IN 08:09 PM 13-09-2025

Web - hargrassh2656@gmail.com x GMA Doc.pdf x Student x venue - Search | Salesforce x Execution Detail | Salesforce x +

orgfarm-8369c221b2-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gl000001vM85/Details/view

Setup Home Object Manager

Execution Detail

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Scoping Rules

Details

Description

API Name: Execution_Detail_c

Custom

Singular Label: Execution Detail

Plural Label: Execution Details

Enable Reports

Track Activities

Track Field History

Deployment Status: In Development

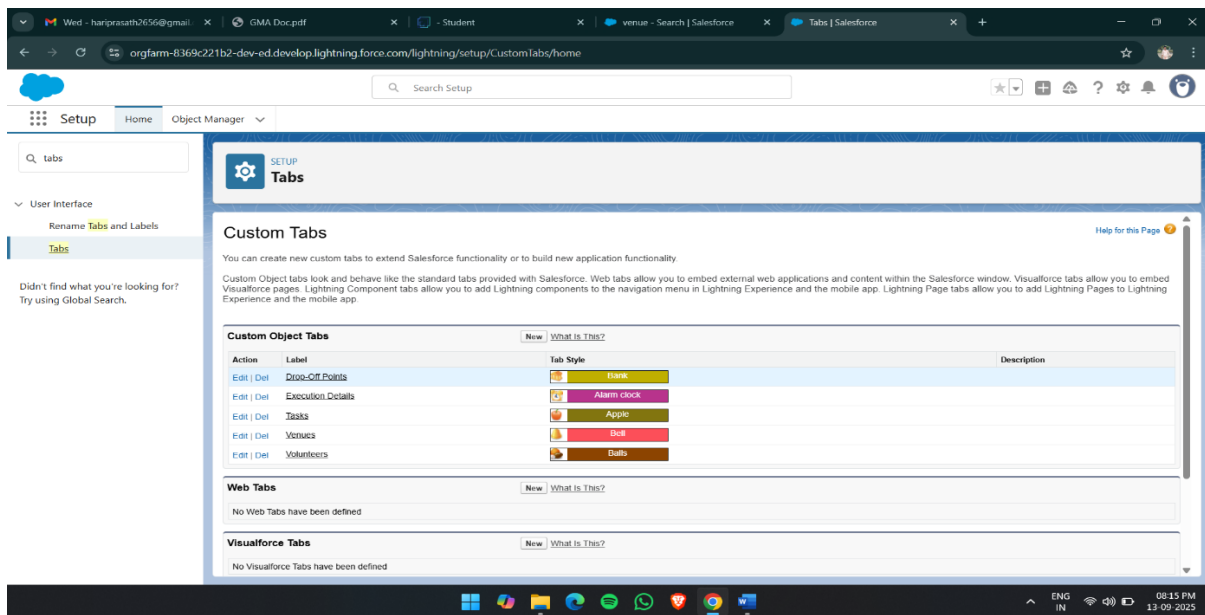
Help Settings

Standard salesforce.com Help Window

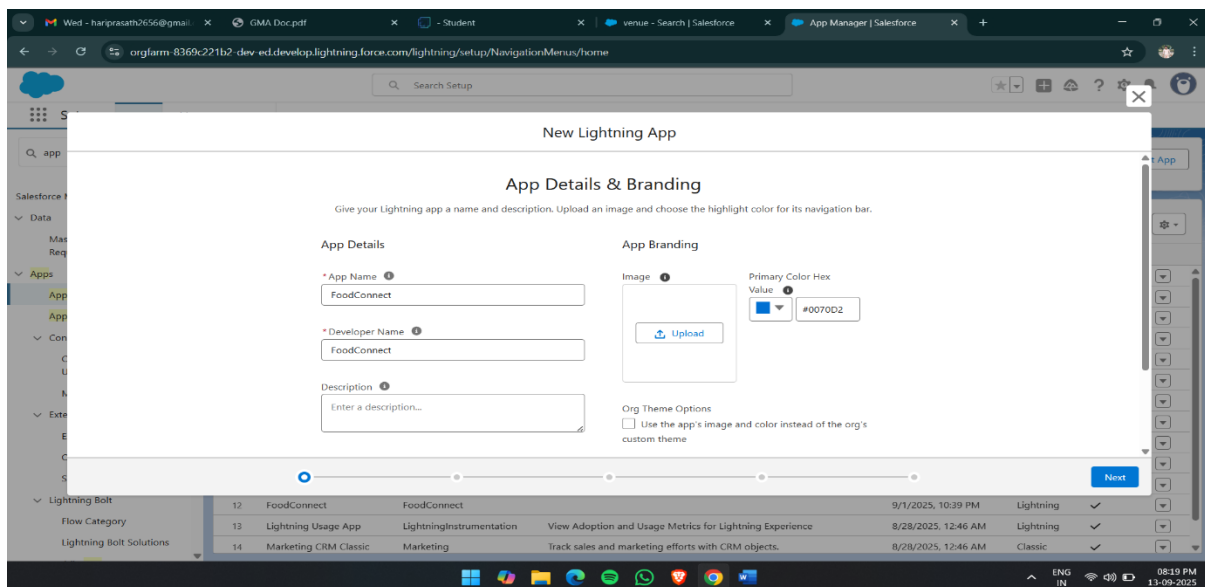
Edit Delete

ENG IN 08:11 PM 13-09-2025

➤ Creating Tabs for those objects:



- Developed Lightning App with relevant tabs:
- Created lightning app
- App Name : FoodConnect



salesforce login - SearchRecently Viewed | Venues | SalesforceFoodConnect - Lightning AppInbox (13) - dharanivade106Student

https://srivasavicollege5-dev-ed.develop.lightning.force.com/visualEditor/appBuilder.app?id=02udL00000LgJwkQAF&retUrl=https%3A%2F%2Fsrivasavicollege5...

Lightning App BuilderApp SettingsPagesFoodConnectHelp

App Settings

App Details & BrandingApp OptionsUtility Items (Desktop Only)Navigation ItemsUser Profiles

Navigation Items

Choose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or rename the items that you add. Some navigation items are available only for phone or only for desktop. These items are dropped from the navigation bar when the app is viewed in a format that the item doesn't support.

Available Items

Type to filter list...

AccountsAlbumsAll SitesAlternative Payment MethodsAnalyticsApp LauncherAppointment CategoriesAppointment Invitations

Create

Selected Items

HomeVenuesDrop-Off PointsTasksVolunteersExecution DetailsReports

Type here to search30°C Partly cloudy10:35 AM9/15/2025

salesforce login - SearchRecently Viewed | Venues | SalesforceFoodConnect - Lightning AppInbox (13) - dharanivade106Student

https://srivasavicollege5-dev-ed.develop.lightning.force.com/visualEditor/appBuilder.app?id=02udL00000LgJwkQAF&retUrl=https%3A%2F%2Fsrivasavicollege5...

Lightning App BuilderApp SettingsPagesFoodConnectHelp

App Settings

App Details & BrandingApp OptionsUtility Items (Desktop Only)Navigation ItemsUser Profiles

User Profiles

Choose the user profiles that can access this app.

Available Profiles

Type to filter list...

Analytics Cloud Integration UserAnalytics Cloud Security UserAuthenticated WebsiteAuthenticated WebsiteB2B Reordering Portal Buyer ProfileContract ManagerCustom: Marketing ProfileCustom: Sales ProfileCustom: Support Profile

Selected Profiles

System Administrator

Type here to search30°C Partly cloudy10:39 AM9/15/2025

Creation of fields for the Venue object:

The screenshot shows the Salesforce Setup interface for the 'Venue' object. The left sidebar lists various setup options, with 'Fields & Relationships' selected. The main area displays a table of fields for the Venue object, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Contact Email	Contact_Email__c	Email		
Contact Phone	Contact_Phone__c	Phone		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Geolocation		
Owner	OwnerId	Lookup(User,Group)		✓
Venue Location	Venue_Location__c	Long Text Area(32768)		
Venue Name	Name	Text(255)		✓

Creation of fields for the Drop-Off point object

The screenshot shows the Salesforce Setup interface for the 'Drop-Off Point' object. The left sidebar lists various setup options, with 'Fields & Relationships' selected. The main area displays a table of fields for the Drop-Off Point object, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Calculation	Calculation__c	Number(16, 2)		
Created By	CreatedById	Lookup(User)		
Distance	Distance__c	Number(16, 2)		
distance calculation	distance_calculation__c	Formula (Number)		
Drop-Off Point Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Location 2	Location_2__c	Geolocation		

Creation of fields for the Task object:

The screenshot shows the Salesforce Object Manager interface for the 'Task' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Search Layouts, and List View Button Layout. The main content area is titled 'Task' and 'Fields & Relationships', showing 23 items sorted by Field Label. A table lists the fields with columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Assigned To	OwnerId	Lookup(User, Calendar, Group)		✓
Call Duration	CallDurationInSeconds	Number(8, 0)		
Call Object Identifier	CallObject	Text(255)		
Call Result	CallDisposition	Text(255)		
Call Type	CallType	Picklist		
Comments	Description	Long Text Area(32000)		
Completed Date/Time	CompletedDateTime	Date/Time		
Create Recurring Series of Tasks	IsRecurrence	Checkbox		
Created By	CreatedById	Lookup(User)		✓

Creation of fields for the Volunteer object:

The screenshot shows the Salesforce Object Manager interface for the 'Volunteer' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Volunteer' and 'Fields & Relationships', showing 13 items sorted by Field Label. A table lists the fields with columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

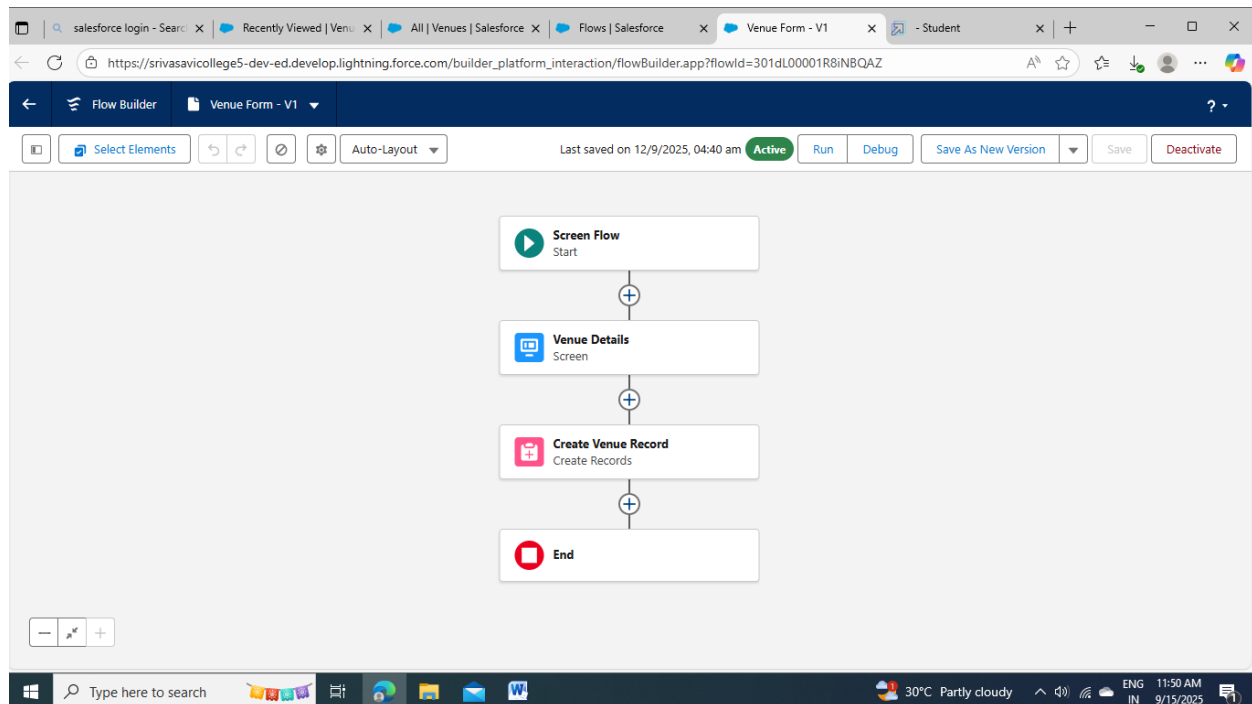
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address_c	Long Text Area(32768)		
Age	Age_c	Number(18, 0)		
Available On	Available_On_c	Date		
Contact Number	Contact_Number_c	Number(18, 0)		
Created By	CreatedById	Lookup(User)		
Date of Birth	Date_of_Birth_c	Date		
Drop-Off Point	Drop_Off_Point_c	Lookup(Drop-Off Point)		✓

Creation of fields for the Execution Details object:

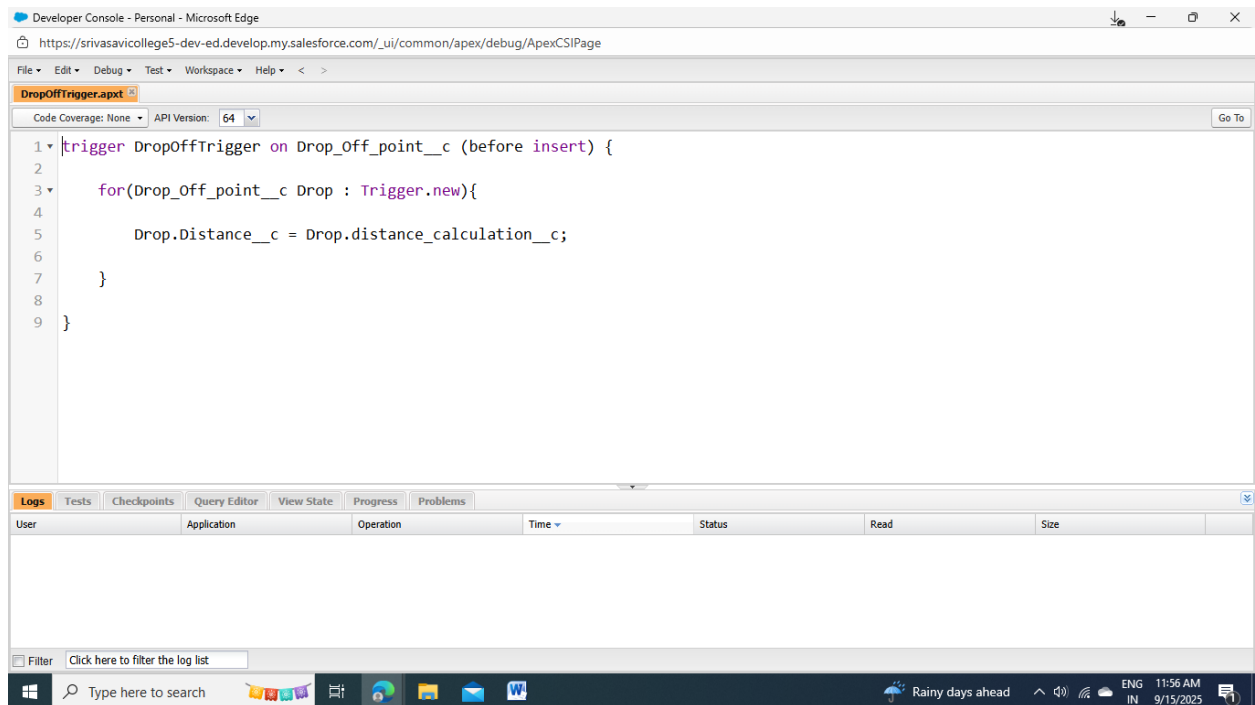
The screenshot shows the Salesforce Object Manager interface for the 'Execution Detail' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main area displays the 'Fields & Relationships' section, which includes a 'Quick Find' search bar and tabs for 'New', 'Deleted Fields', 'Field Dependencies', and 'Set History Tracking'. Below these, a table lists the fields and their relationships:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Execution Detail Name	Name	Text(80)		✓
Execution ID	Execution_ID__c	Auto Number		
Last Modified By	LastModifiedById	Lookup(User)		
Task	Task__c	Master-Detail(Task)		✓
Volunteer	Volunteer__c	Master-Detail(Volunteer)		✓

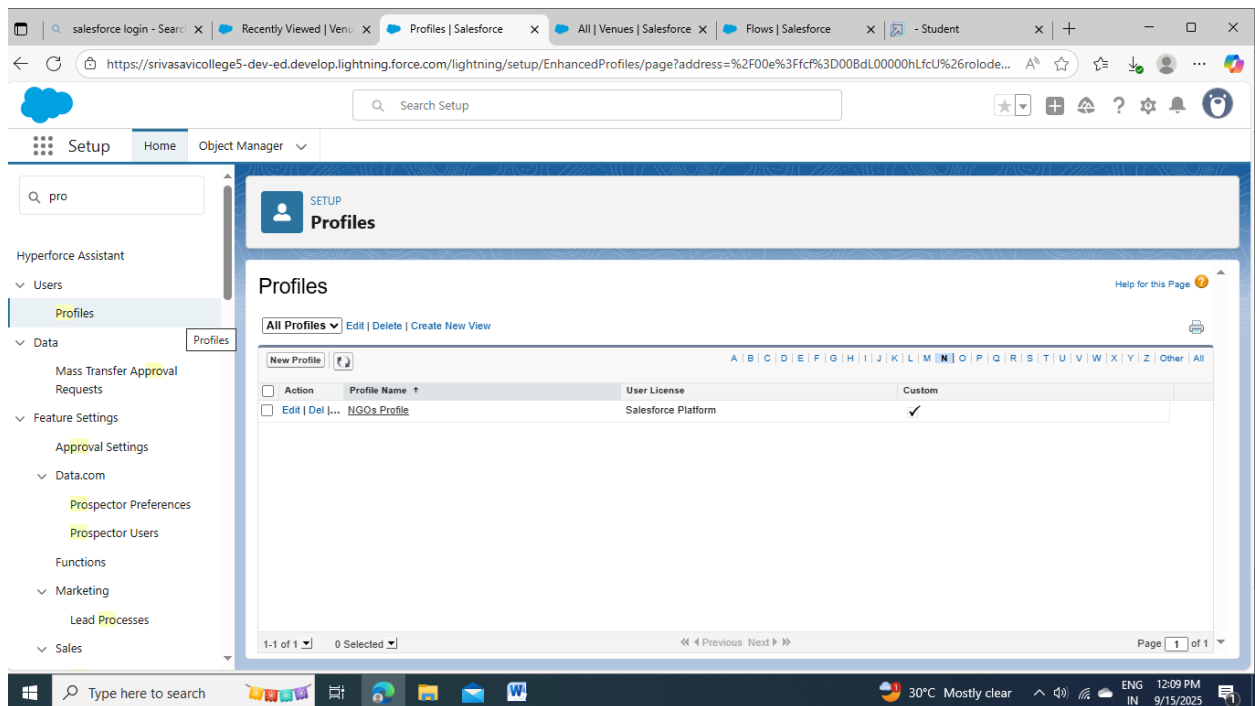
Create Flow to create a record in Venue object:



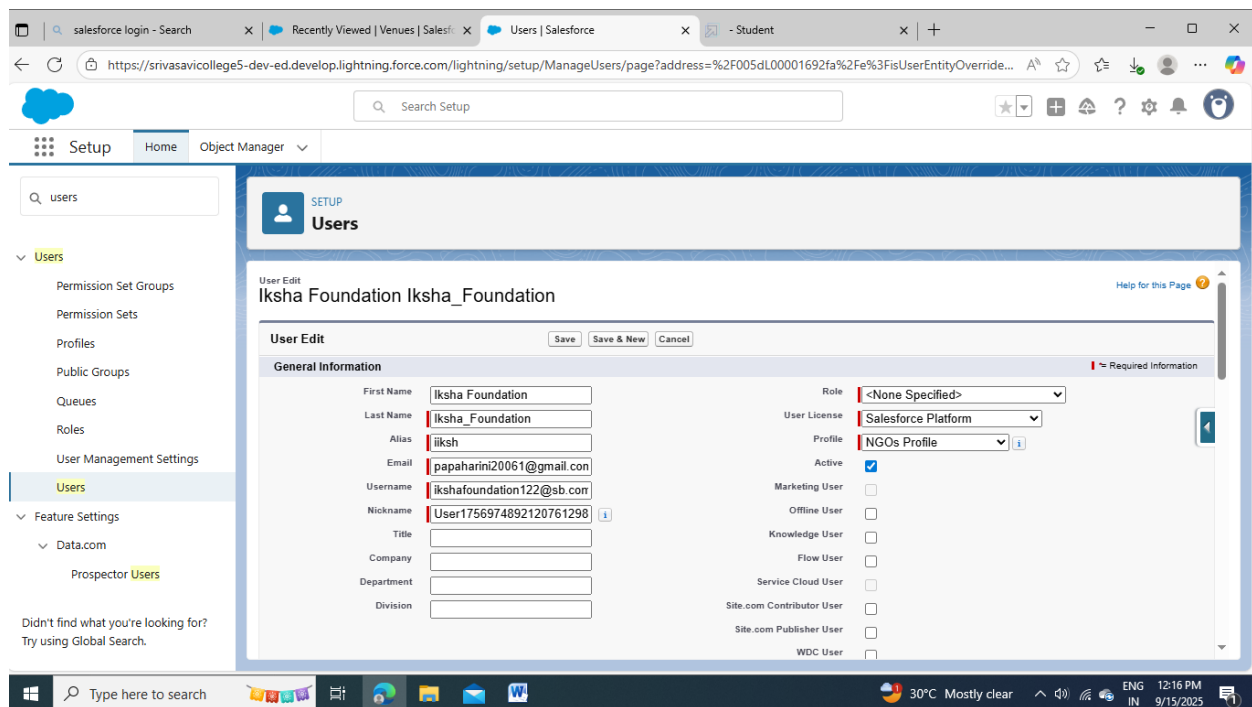
Create a Drop Off Trigger:



Create a NGOs Profile:



Creation of User1:



The screenshot shows the Salesforce 'Users' setup page. The left sidebar contains a navigation menu with 'Users' selected. The main content area is titled 'User Edit' and shows the details for 'Iksha Foundation Iksha_Foundation'. The 'General Information' section includes fields for First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The 'Role' section includes fields for Role, User License, Profile, and Active. The 'Marketing User' section includes checkboxes for Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, Site.com Publisher User, and WDC User.

Setup Home Object Manager

users

Users

User Edit Iksha Foundation Iksha_Foundation

Save Save & New Cancel

General Information

First Name Iksha Foundation

Last Name Iksha_Foundation

Alias iksh

Email papaharini20061@gmail.com

Username ikshafoundation122@sb.com

Nickname User1756974892120761298

Title

Company

Department

Division

Role <None Specified>

User License Salesforce Platform

Profile NGOs Profile

Active ☒

Marketing User ☐

Offline User ☐

Knowledge User ☐

Flow User ☐

Service Cloud User ☐

Site.com Contributor User ☐

Site.com Publisher User ☐

WDC User ☐

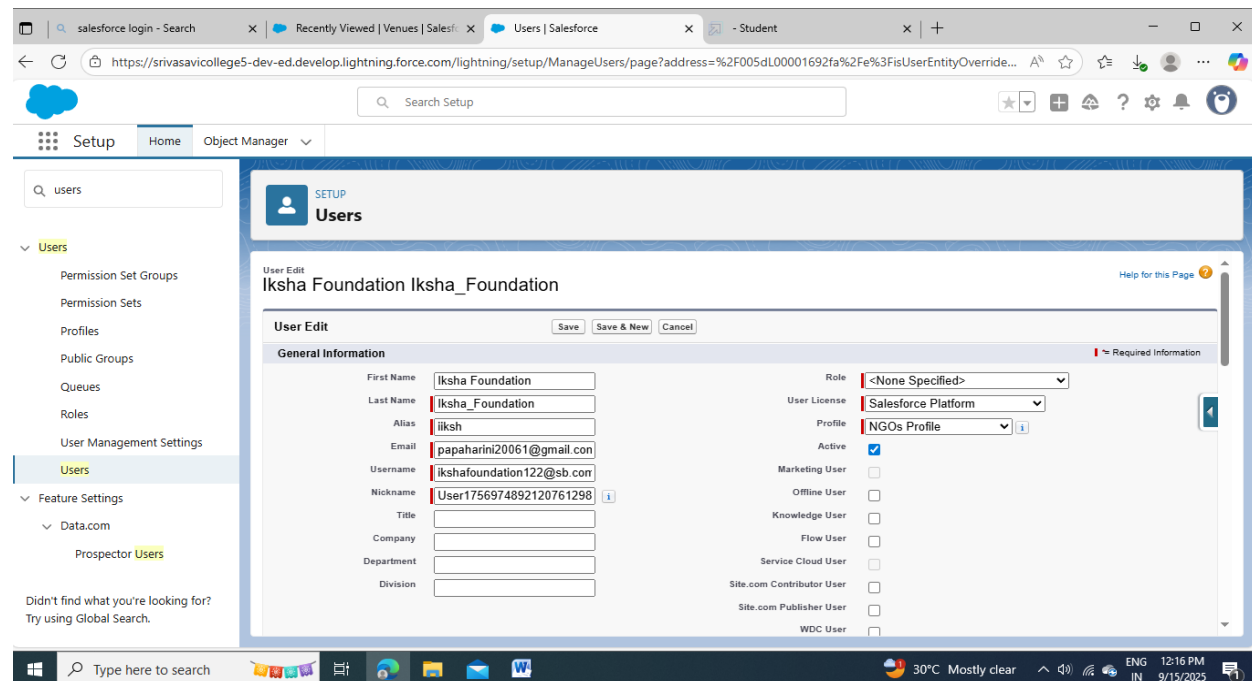
Type here to search

30°C Mostly clear

ENG 12:16 PM

IN 9/15/2025

Creation of User2:



The screenshot shows the Salesforce 'Users' setup page. The left sidebar contains a navigation menu with 'Users' selected. The main content area is titled 'User Edit' and shows the details for 'Iksha Foundation Iksha_Foundation'. The 'General Information' section includes fields for First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The 'Role' section includes fields for Role, User License, Profile, and Active. The 'Marketing User' section includes checkboxes for Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, Site.com Publisher User, and WDC User.

Setup Home Object Manager

users

Users

User Edit Iksha Foundation Iksha_Foundation

Save Save & New Cancel

General Information

First Name Iksha Foundation

Last Name Iksha_Foundation

Alias iksh

Email papaharini20061@gmail.com

Username ikshafoundation122@sb.com

Nickname User1756974892120761298

Title

Company

Department

Division

Role <None Specified>

User License Salesforce Platform

Profile NGOs Profile

Active ☒

Marketing User ☐

Offline User ☐

Knowledge User ☐

Flow User ☐

Service Cloud User ☐

Site.com Contributor User ☐

Site.com Publisher User ☐

WDC User ☐

Type here to search

30°C Mostly clear

ENG 12:16 PM

IN 9/15/2025

Creation of User3:

The screenshot shows the Salesforce Setup page for 'Users'. The left sidebar lists navigation options: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, and User Management Settings. The 'Users' section is selected. The main content area displays the 'User Edit' form for the user 'harini foundation harini_foundation'. The form includes fields for First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The 'Role' is set to '<None Specified>', 'User License' is 'Salesforce Platform', and 'Profile' is 'NGOs Profile'. The 'Active' checkbox is checked. The 'Marketing User', 'Offline User', 'Knowledge User', 'Flow User', 'Service Cloud User', 'Site.com Contributor User', and 'Site.com Publisher User' checkboxes are unchecked. The 'Save', 'Save & New', and 'Cancel' buttons are at the top right of the form.

Field	Value
First Name	harini foundation
Last Name	harini_foundation
Alias	hhari
Email	papaharini2006@gmail.com
Username	papaharini200622@gmail.co
Nickname	User1756975893936644635
Title	
Company	
Department	
Division	
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"/>

Creation of Public Groups:

The screenshot shows the Salesforce Setup page for 'Public Groups'. The left sidebar lists navigation options: Users, Public Groups, Feature Settings, Salesforce Files, Content Deliveries and Public Links, Company Settings, and Calendar Settings. The 'Public Groups' section is selected. The main content area displays the 'Public Groups' list. A description states: '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.' The 'View' dropdown is set to 'All'. The table below lists the public groups.

Action	Label	Group Name	Created By	Created Date
Edit Del	Esha	Esha	AK_HARINI	04/09/2025, 2:35 pm
Edit Del	Harini	Harini	AK_HARINI	04/09/2025, 2:36 pm
Edit Del	Iksha	Iksha	AK_HARINI	04/09/2025, 2:32 pm

Creation of Report Types:

The screenshot shows the Salesforce Setup page for creating a Report Type. The left sidebar contains a search bar with "report" and a navigation menu with categories like Feature Settings, Analytics, and Security. The main content area is titled "Report Type Focus" and shows the "Primary Object" as "Venues". The "Details" section includes fields for "Display Label" (Venue with DropOff with Volunteer), "API Name" (Venue_with_DropOff_with_Volunteer), "Description" (Report showing Venue, DropOff Point, and Volunteer), and "Store in Category" (Other Reports). A note states: "Note: Description will be visible to users who create reports." At the bottom right, there are "Cancel" and "Save" buttons.

Report Type Focus

Primary Object Venues

Details

* Display Label: Venue with DropOff with Volunteer

* API Name: Venue_with_DropOff_with_Volunteer

* Description: Report showing Venue, DropOff Point, and Volunteer

Note: Description will be visible to users who create reports.

* Store in Category: Other Reports

Buttons: Cancel, Save

Creation of Report:

The screenshot shows the Salesforce Reports page. The left sidebar has a search bar and a navigation menu with categories like All Folders, Created by Me, Shared with Me, and Favorites. The main content area is titled "Reports" and shows a list of reports under the "All Folders" tab. The table has columns for Name, Description, Folder, Created By, Created On, and Subscribed. The reports listed are: "Venue With DropOff With Volunteer", "Volunteer Task", "Venue and Drop Off Point", and "Volunteer".

Reports

All Folders > Custom Reports

4 items

REPORTS	Name	Description	Folder	Created By	Created On	Subscribed
Recent	Venue With DropOff With Volunteer		Custom Reports	HARINI AK	12/9/2025, 3:12 pm	
Created by Me	Volunteer Task		Custom Reports	HARINI AK	15/9/2025, 3:17 pm	
Private Reports	Venue and Drop Off Point		Custom Reports	HARINI AK	11/9/2025, 2:47 am	
Public Reports	Volunteer		Custom Reports	HARINI AK	11/9/2025, 3:33 am	

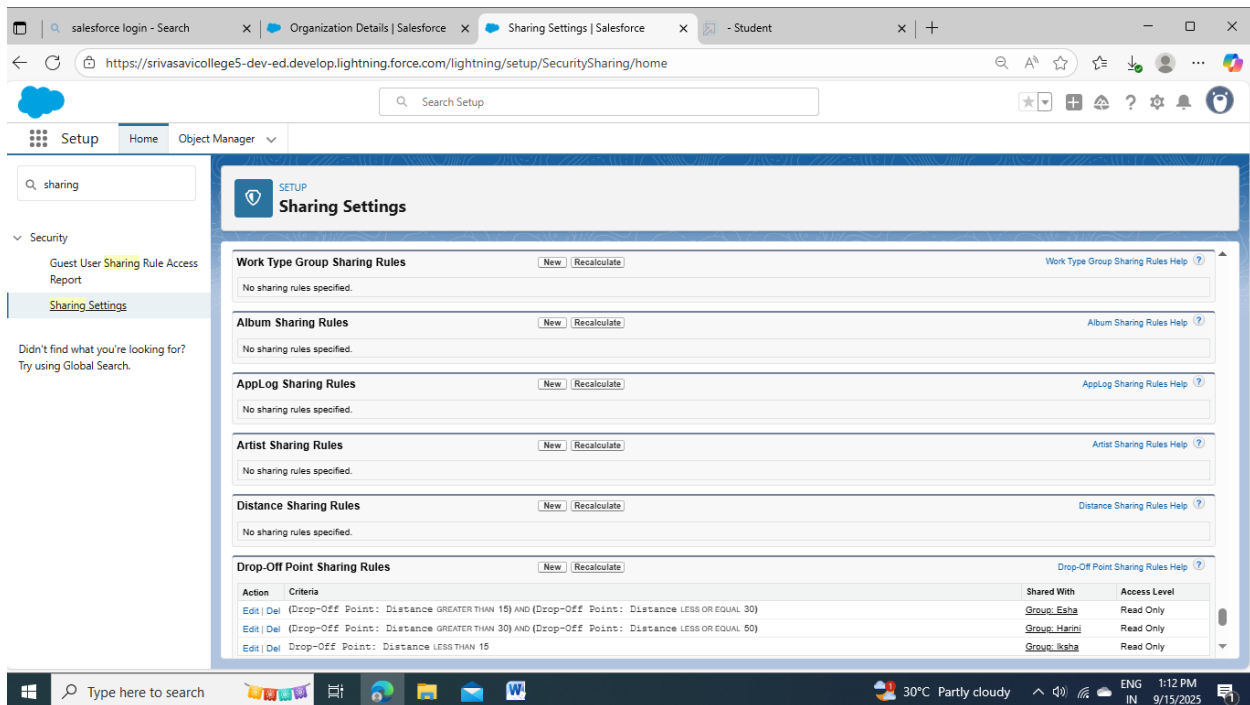
FOLDERS

- All Folders
- Created by Me
- Shared with Me

FAVORITES

- All Favorites

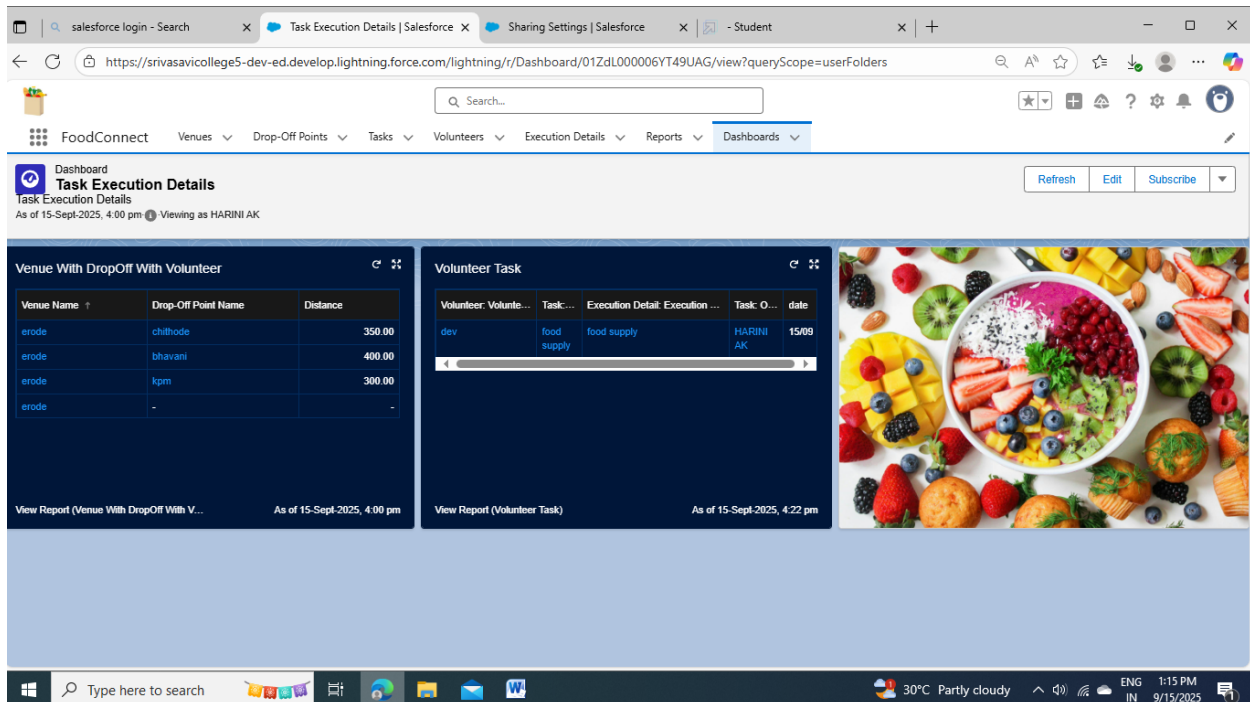
Creation of sharing rules:



The screenshot shows the Salesforce Sharing Settings page. The left sidebar contains a search bar with 'sharing' entered and a list of navigation items: Security, Guest User Sharing Rule Access Report, and Sharing Settings (highlighted). The main content area is titled 'Sharing Settings' and lists several rule categories: Work Type Group Sharing Rules, Album Sharing Rules, AppLog Sharing Rules, Artist Sharing Rules, Distance Sharing Rules, and Drop-Off Point Sharing Rules. Each category has a 'New' and 'Recalculate' button. The 'Drop-Off Point Sharing Rules' section is expanded, showing a table with columns for Action, Criteria, Shared With, and Access Level.

Action	Criteria	Shared With	Access Level
Edit Del	(Drop-Off Point: Distance GREATER THAN 15) AND (Drop-Off Point: Distance LESS OR EQUAL 30)	Group: Esha	Read Only
Edit Del	(Drop-Off Point: Distance GREATER THAN 30) AND (Drop-Off Point: Distance LESS OR EQUAL 50)	Group: Harini	Read Only
Edit Del	Drop-Off Point: Distance LESS THAN 15	Group: Iksha	Read Only

Result of Home Page:



The screenshot shows the Salesforce Task Execution Details dashboard. The top navigation bar includes 'FoodConnect', 'Venues', 'Drop-Off Points', 'Tasks', 'Volunteers', 'Execution Details', 'Reports', and 'Dashboards' (highlighted). The dashboard title is 'Task Execution Details' with a subtitle 'Task Execution Details' and a timestamp 'As of 15-Sept-2025, 4:00 pm'. The dashboard is divided into two main sections: 'Venue With DropOff With Volunteer' and 'Volunteer Task'. The 'Venue With DropOff With Volunteer' section displays a table with columns for Venue Name, Drop-Off Point Name, and Distance. The 'Volunteer Task' section displays a table with columns for Volunteer, Volunteer Name, Task, Execution Detail, Execution Date, Task Owner, and Date. A large image of a bowl of fruit is visible on the right side of the dashboard.

Venue Name	Drop-Off Point Name	Distance
erode	chithode	350.00
erode	bhavani	400.00
erode	kpm	300.00
erode	-	-

Volunteer	Volunteer Name	Task	Execution Detail	Execution Date	Task Owner	Date
dev	food supply	food supply			HARINI AK	15/09

Conclusion:

This project provides a practical solution to two major issues in our society — food wastage and hunger. By creating a system where hotels, restaurants, and households can donate leftover food, and volunteers can collect and distribute it to poor people, we are reducing waste and feeding the needy at the same time.

The project also encourages social responsibility, awareness, and sustainable living. With proper support from NGOs, government, and the community, this initiative can be expanded on a large scale to benefit thousands of people.

Thus, the project proves that small actions like food donation can bring a big positive change in society.

