To Supply Leftover Food To Poor

By
Silankotawar Sravani

ysilamkotwar@gmail.com

PROJECT ABSTRACT

The "Supply Leftover Food to Poor" project aims to combat food waste and food insecurity by redistributing surplus food to individuals in need. The project involves collecting excess, safe-to-eat food from local restaurants, grocery stores, and food producers that would otherwise be discarded. This food is then sorted, packaged, and delivered to low-income families and individuals through a network of community partners and volunteers. The goal is to reduce food waste, provide nutritious meals to underserved populations, and foster community support. By implementing efficient collection and distribution systems, the project ensures that surplus food is used to address hunger and contribute to a more equitable society.

By addressing both food waste and food insecurity, the project not only helps those in need but also promotes environmental sustainability. The ultimate aim is to create a model that can be replicated in other communities, fostering a culture of sharing and responsibility. Through collaborative efforts, the project seeks to build stronger communities and contribute to a more equitable society. Additionally, the project includes ongoing monitoring and evaluation to assess its impact on reducing food waste and alleviating hunger. Data collected will inform continuous improvements and help demonstrate the project's effectiveness to stakeholders and potential supporters. By creating a model that can be replicated in other communities, the project not only seeks to enhance food security but also promotes environmental sustainability and fosters a culture of community support and responsibility.

Overall, the "Supply Leftover Food to Poor" project aims to build a more resilient and equitable society by ensuring that surplus food is redirected to those who need it most, thereby reducing waste and addressing hunger in a sustainable manner.

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INTRODUCTION

Food waste and food insecurity are pressing issues that affect communities worldwide. Despite substantial advances in food production and distribution, a significant amount of edible food is discarded each year by restaurants, supermarkets, and food manufacturers, while many individuals and families continue to struggle with hunger and food insecurity. This paradox underscores the need for innovative solutions to address both problems simultaneously.

The "Supply Leftover Food to Poor" project is a community-driven initiative designed to bridge the gap between surplus food and those in need. This project aims to create a structured and efficient system for redirecting excess, safe-to-consume food from various sources to low-income individuals and families. By collaborating with local businesses, food banks, and community organizations, the project seeks to ensure that surplus food is utilized to its fullest potential, reducing waste and alleviating hunger.The initiative involves establishing partnerships with food donors, implementing rigorous food safety and handling procedures, and developing a robust distribution network to reach underserved populations. Through these efforts, the project aims to create a sustainable model that not only addresses immediate food needs but also fosters long-term community resilience and environmental stewardship.

Central to the project is the establishment of partnerships with food donors who are willing to contribute surplus food. These partnerships are critical in securing a steady flow of donations, which are then managed through rigorous food safety protocols. Ensuring that the food is handled, stored, and transported in compliance with health regulations is essential for maintaining its quality and safety. The project involves trained volunteers and staff who oversee these processes, ensuring that food remains suitable for consumption and is distributed effectively.The distribution of the surplus food is managed through a network of community organizations, shelters, and food banks. This network is designed to be both efficient and responsive, reaching those in need in a timely manner. By working closely with these organizations, the project ensures that food is distributed equitably and meets the needs of various communities.

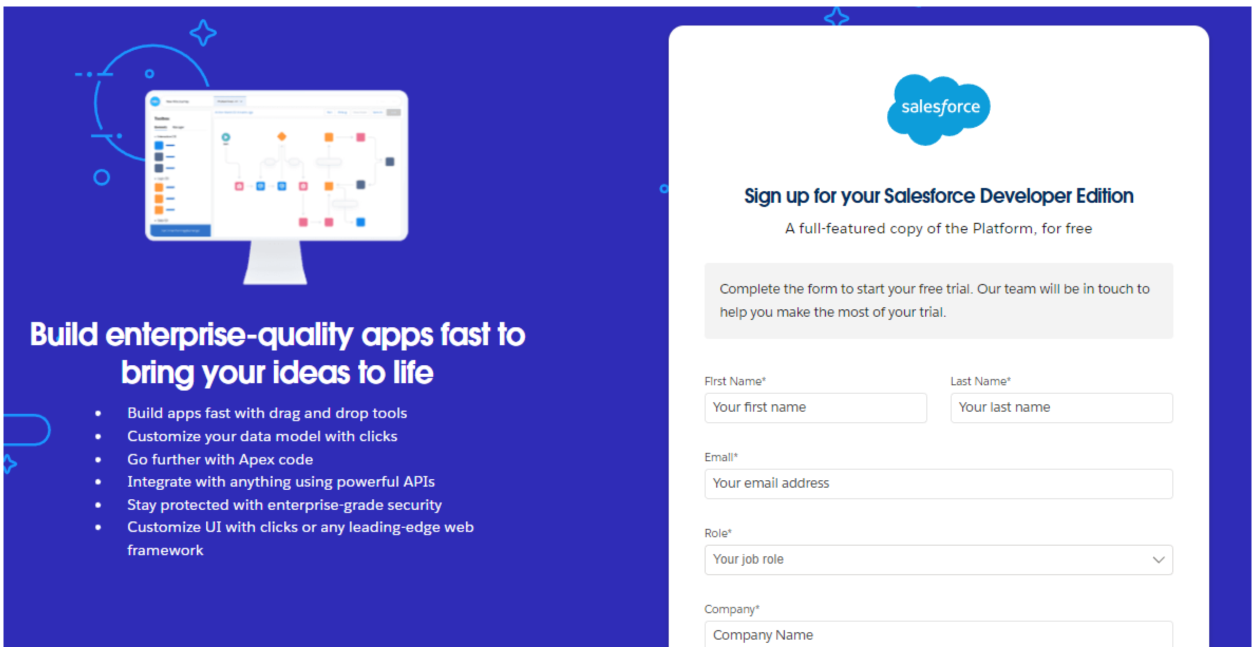
By leveraging community support and resources, the "Supply Leftover Food to Poor" project aspires to make a meaningful impact on food security and waste reduction, promoting a more equitable and sustainable future for all.

Task 1: Salesforce developer account creation

Step1: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 :



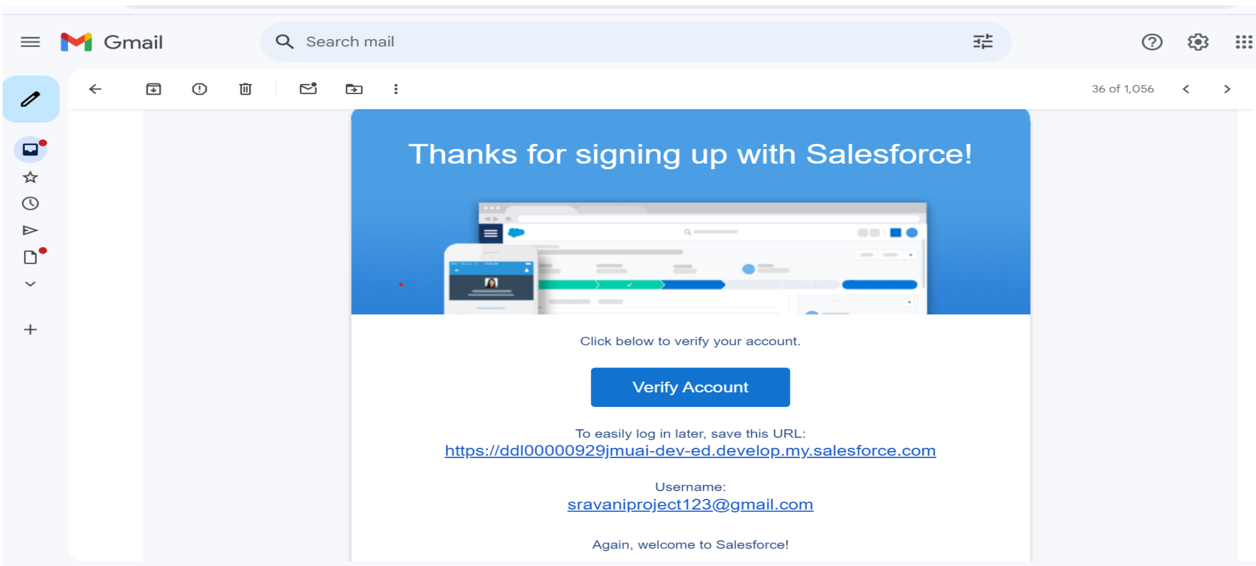
1. First name & Last name
2. Email
3. Role : Developer
4. Company : College or Company Name
5. County : India
6. Postal Code : pin code
7. Username : should be a combination of your name and company

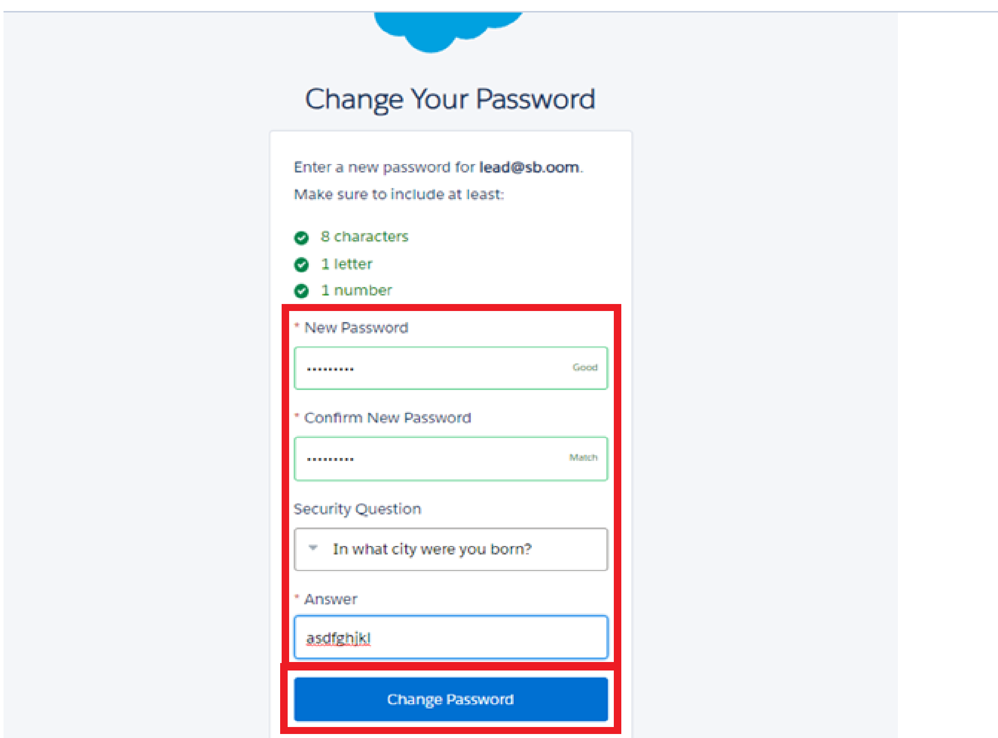
This need not be an actual email id, you can give anything in the format : username@organization.com

Click on sign me up after filling these.

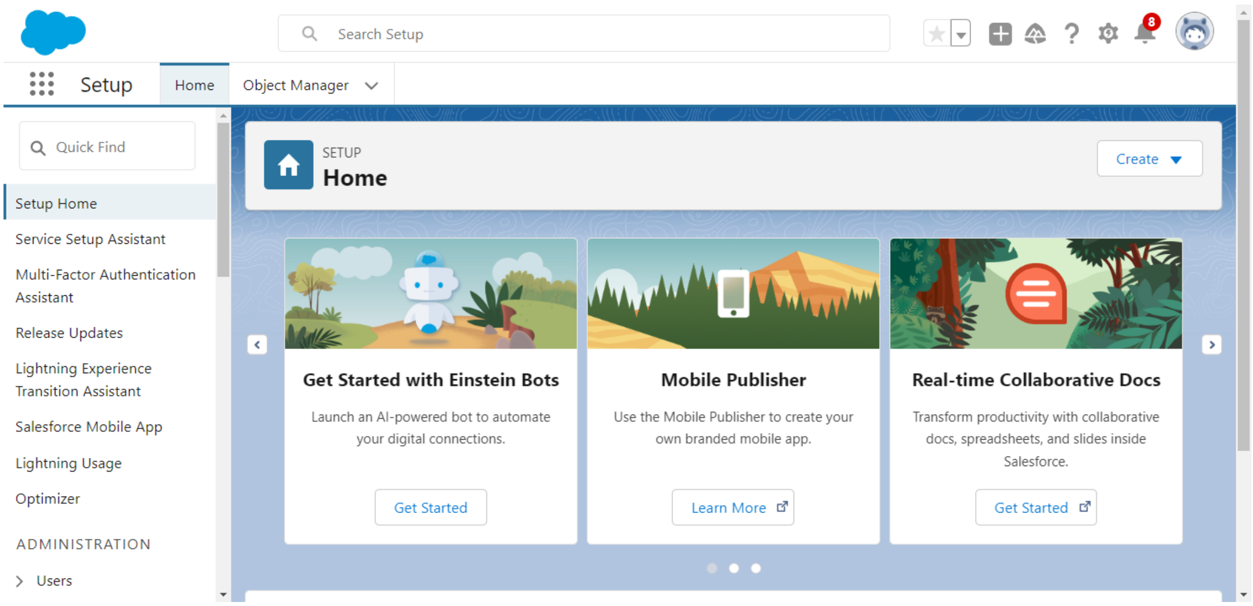
Step 2 : Account Activation

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.





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.



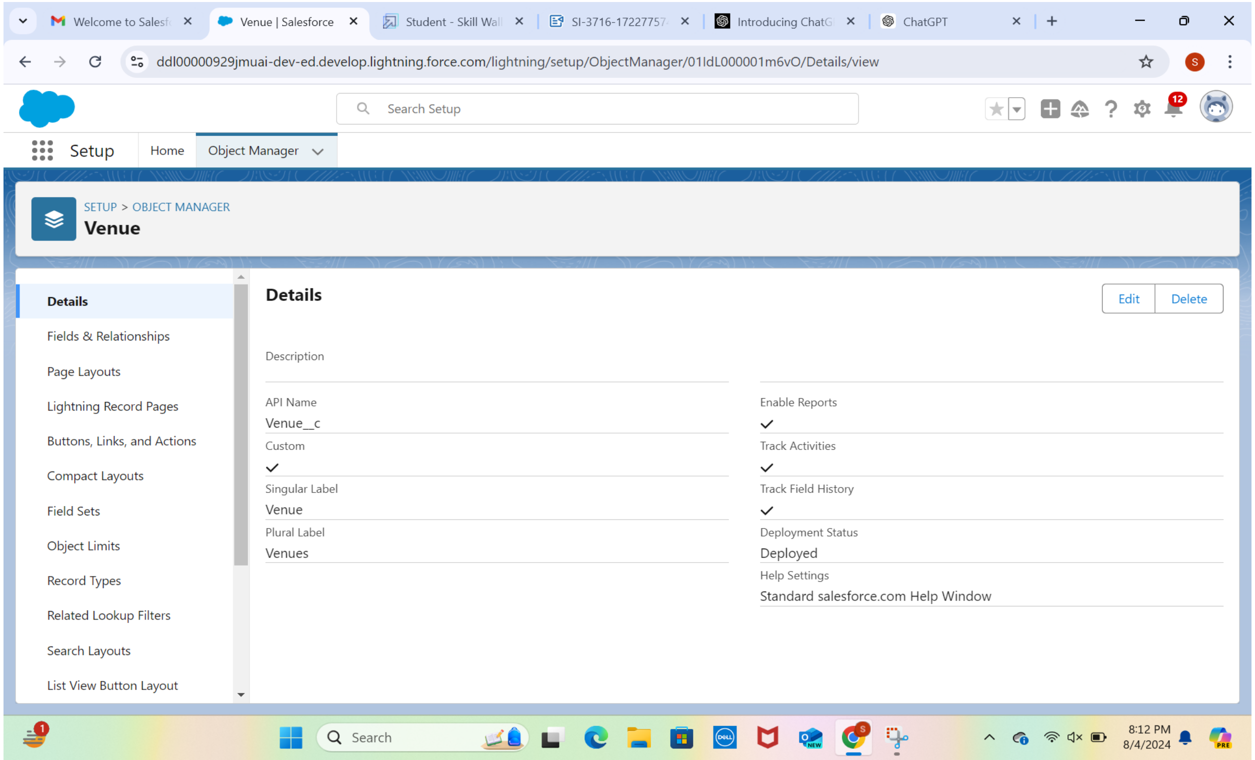
Task 2: Object

Step 1: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

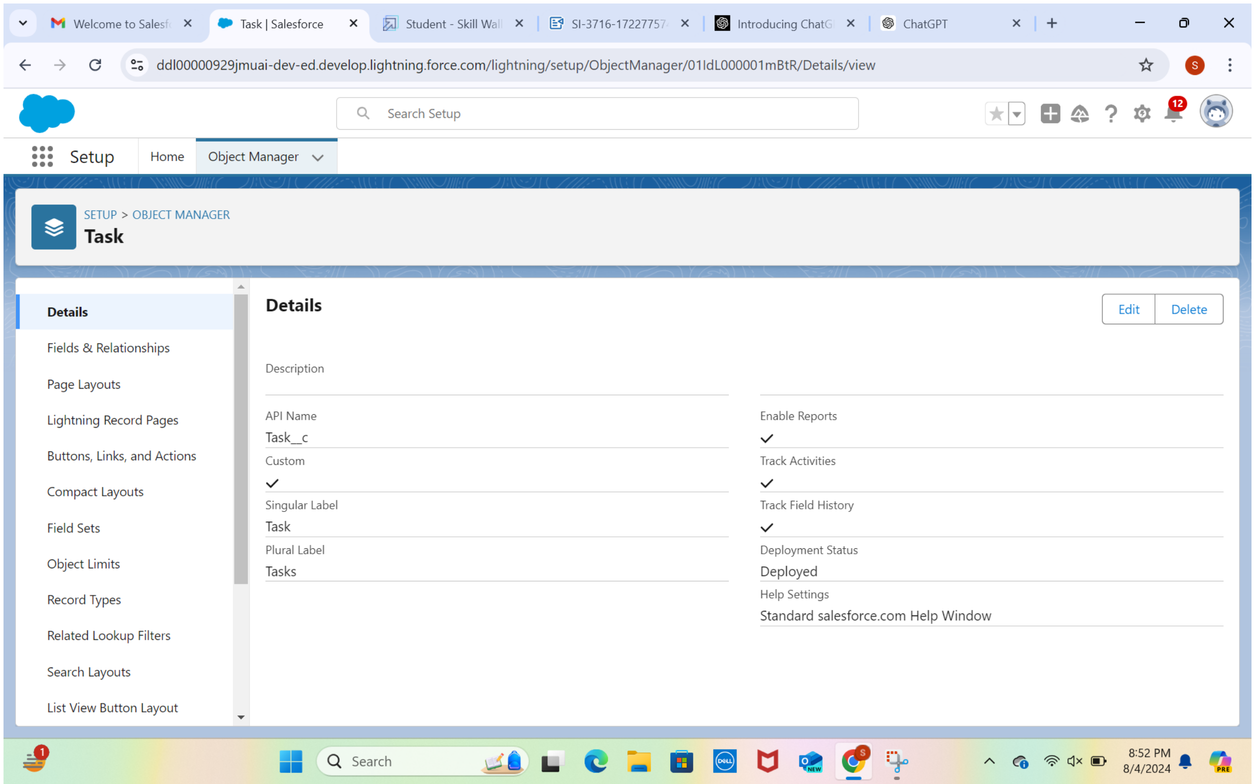
   Record Name >> Venue Name
   Data Type >> Text
2. Click on Allow reports and Track Field History,Allow Activities.
3. Allow search >> Save.



Step 2 : Create Task 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.



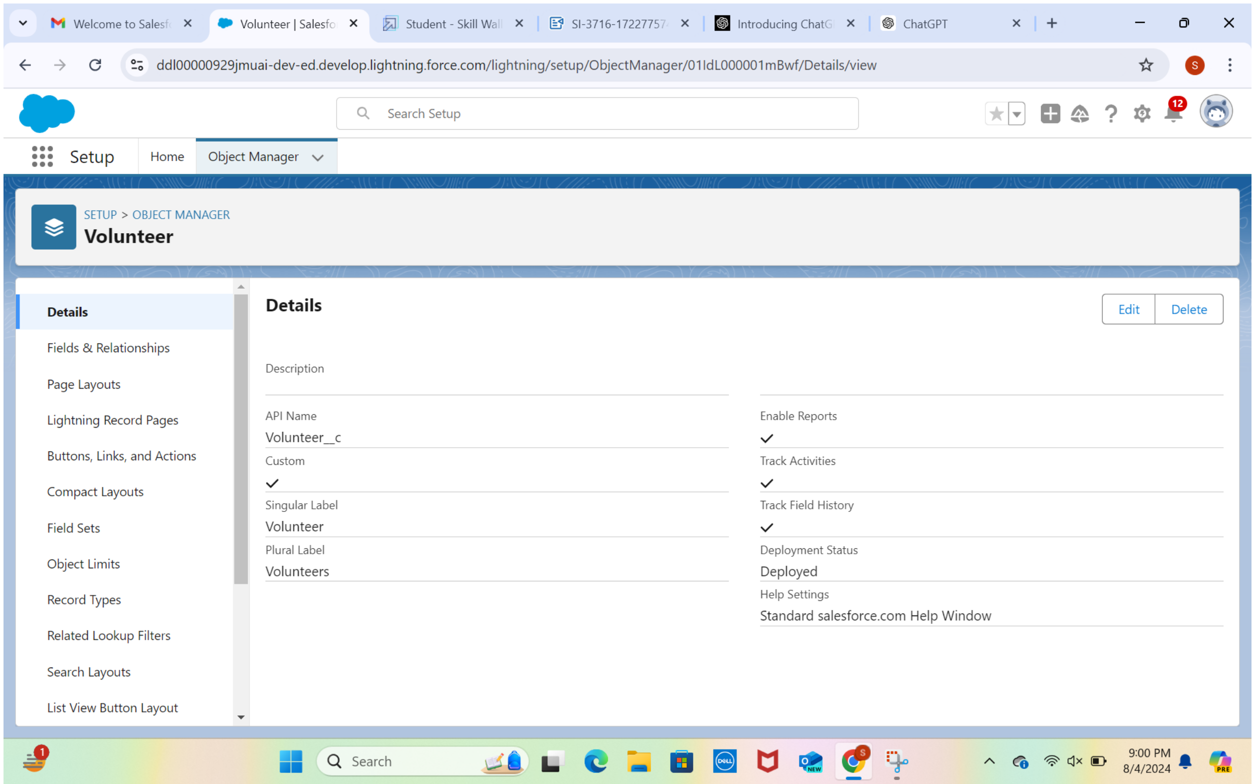
Step 3: Create Volunteer Object

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

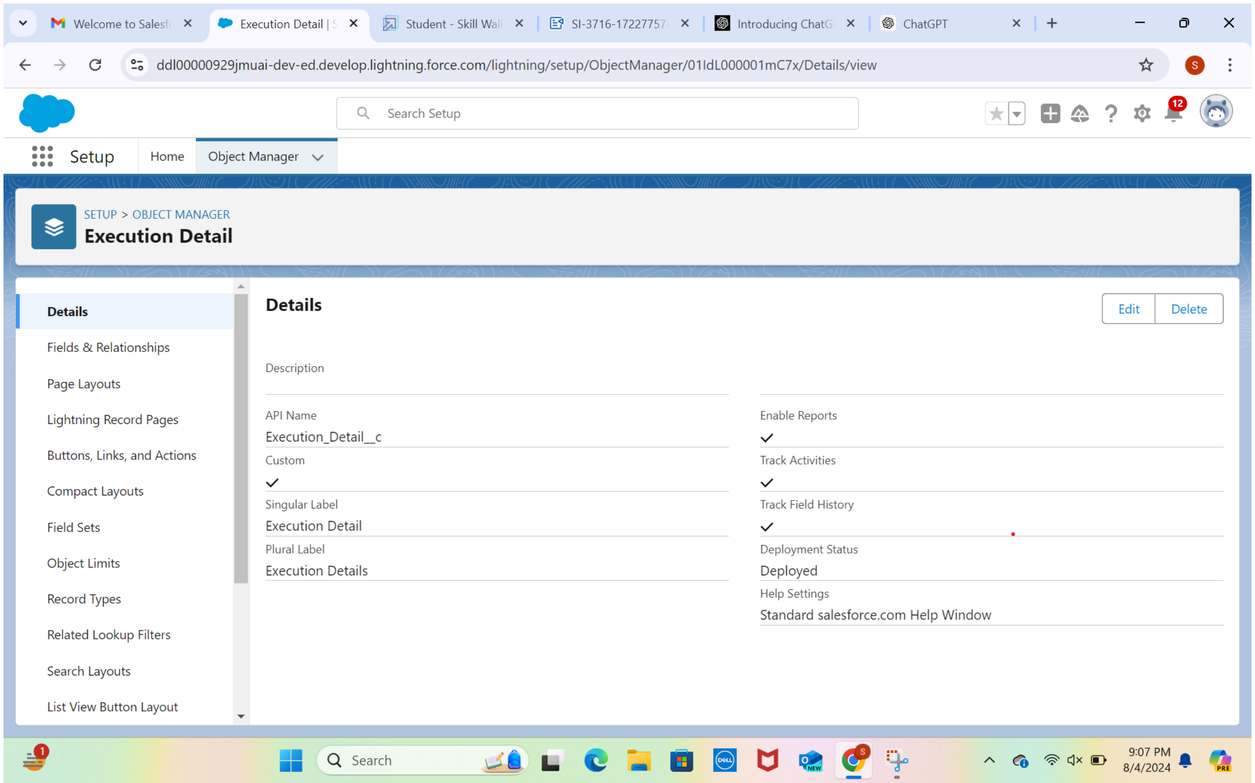
       Data Type >> Text
2. Click on Allow reports and Track Field History, Allow Activities
3. Allow search >> Save.



Step 4: Create Execution Details 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 Detail
    2.Plural label name >> Execution Details
    3.Enter Record Name Label and Format
        Record Name >> Execution Detail Name
        Data Type >> Text
2. Click on Allow reports and Track Field History, Allow Activities
3. Allow search >> Save.



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.

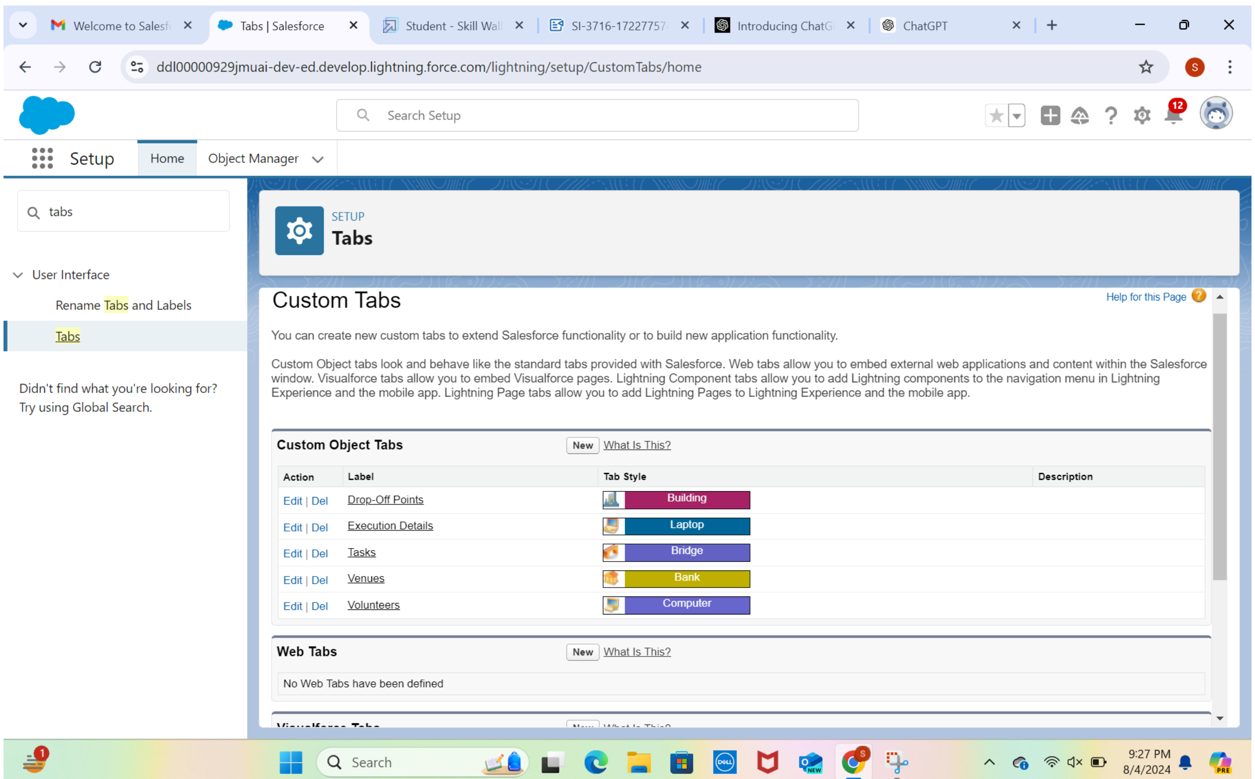
Step 1: Creating a Custom Tab

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

Step 2 : 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 Activity -1 .



Task 4: The Lightning App

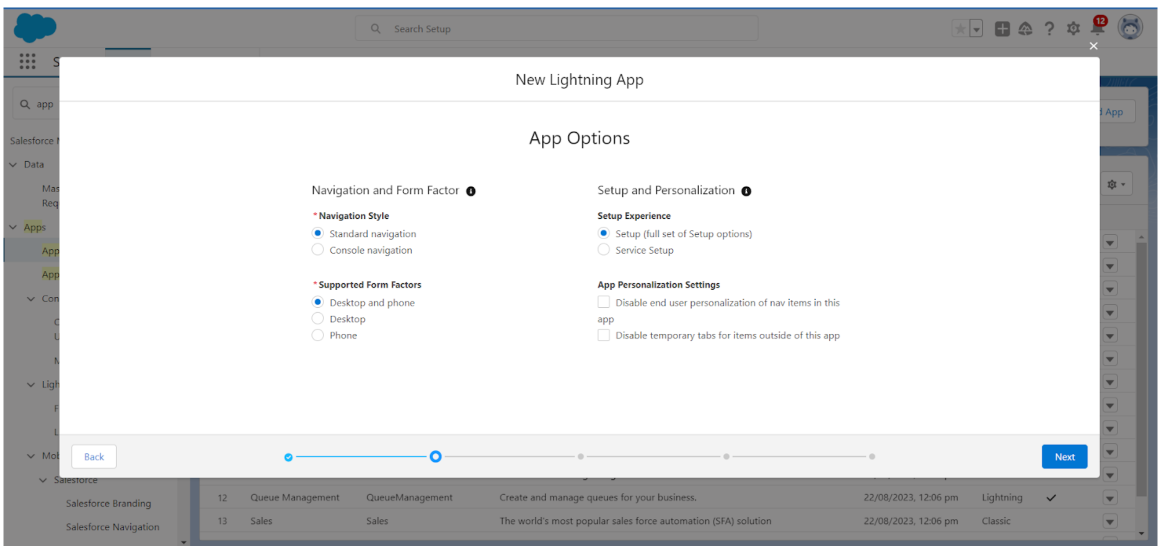
Step 1: Create a Lightning App

To create a lightning app page:

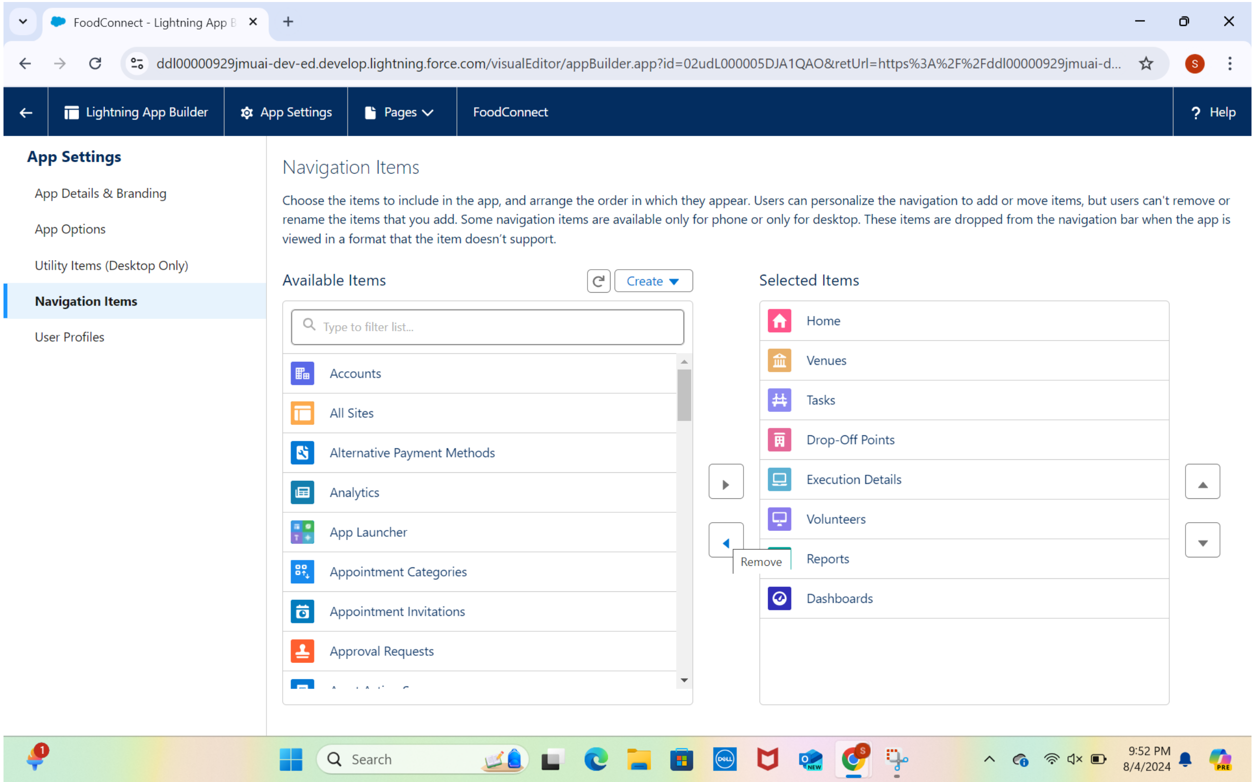
1. Go to setup page >> search “app manager” in quick find >> select “app manager” >> click on New lightning App.

2. Fill the app name in app details and branding as follow
   App Name : FoodConnect
   Developer 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.

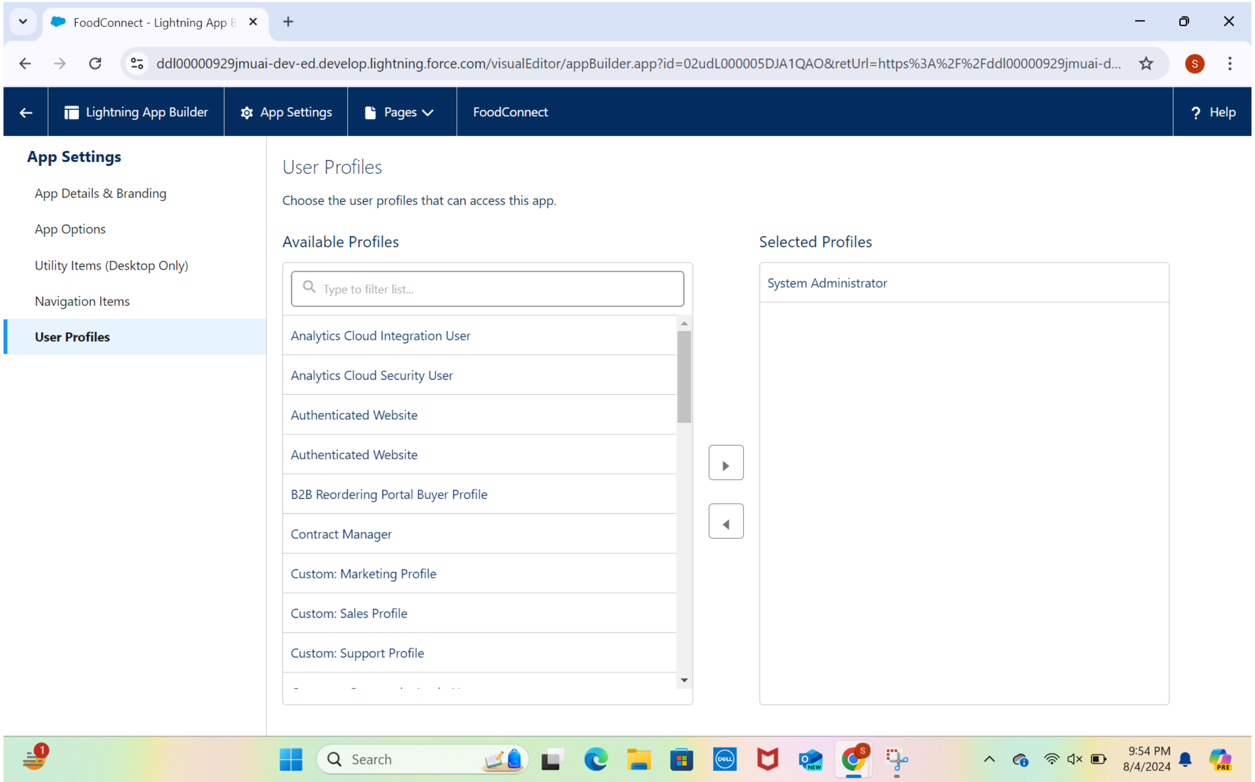


4. (Utility Items) keep it as default >> Next.
5. To Add Navigation Items:



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 >> Next.

6. To Add User Profiles:



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

Task 5: Fields

Step 1: Creation of Relationship fields in objects

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.

Step 2: 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:

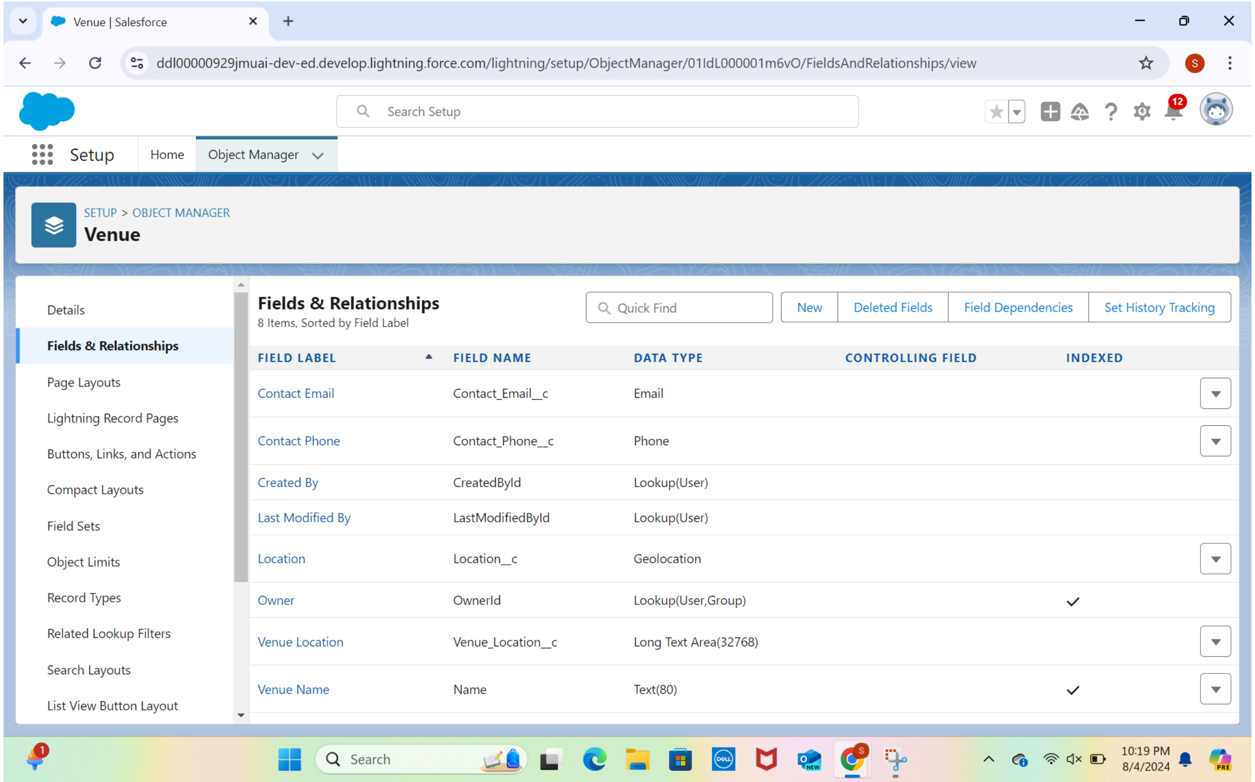
1. Go to setup >> click on Object Manager >> type object name(Venue) in search bar >>click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Geolocation" and Click on Next
4. Fill the Above as following:

- 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.



Step 3: Creation of fields for the Drop-Off point object

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)

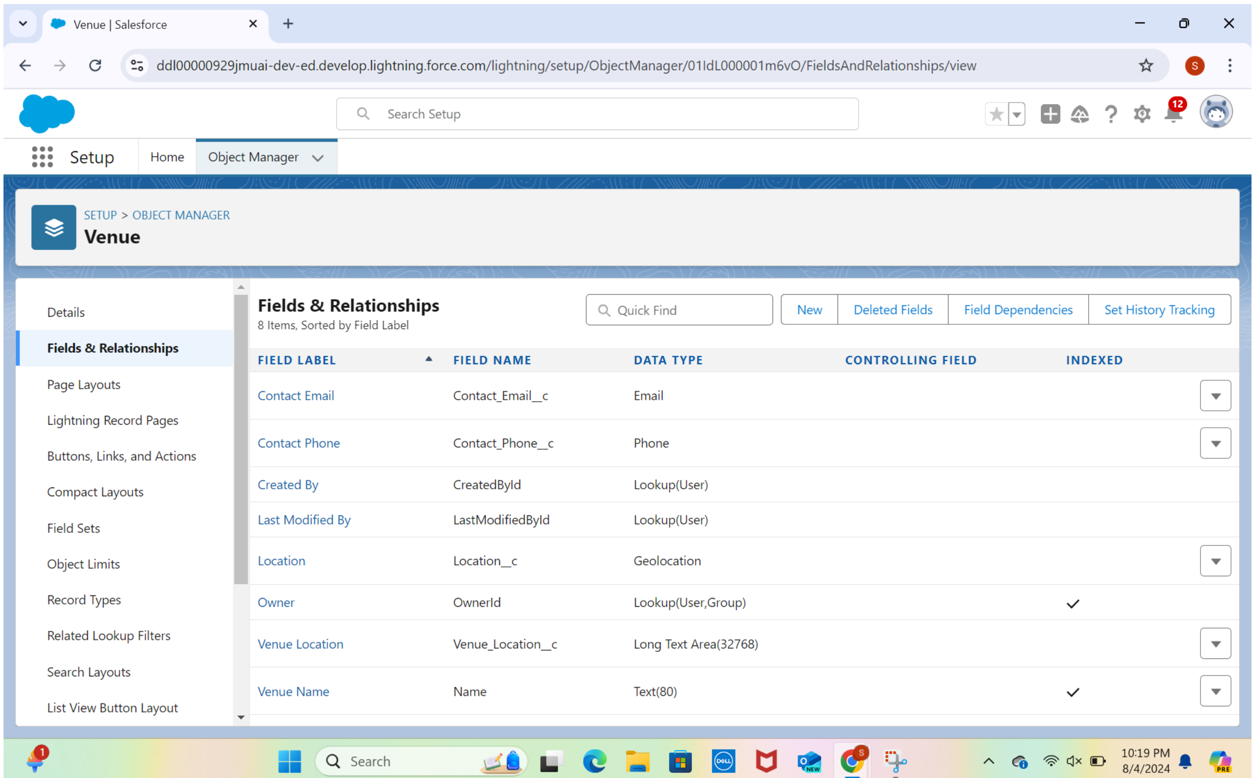
- Click on required check box
- Click on Next >> Next >> Save and new.

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.



Step 4: 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

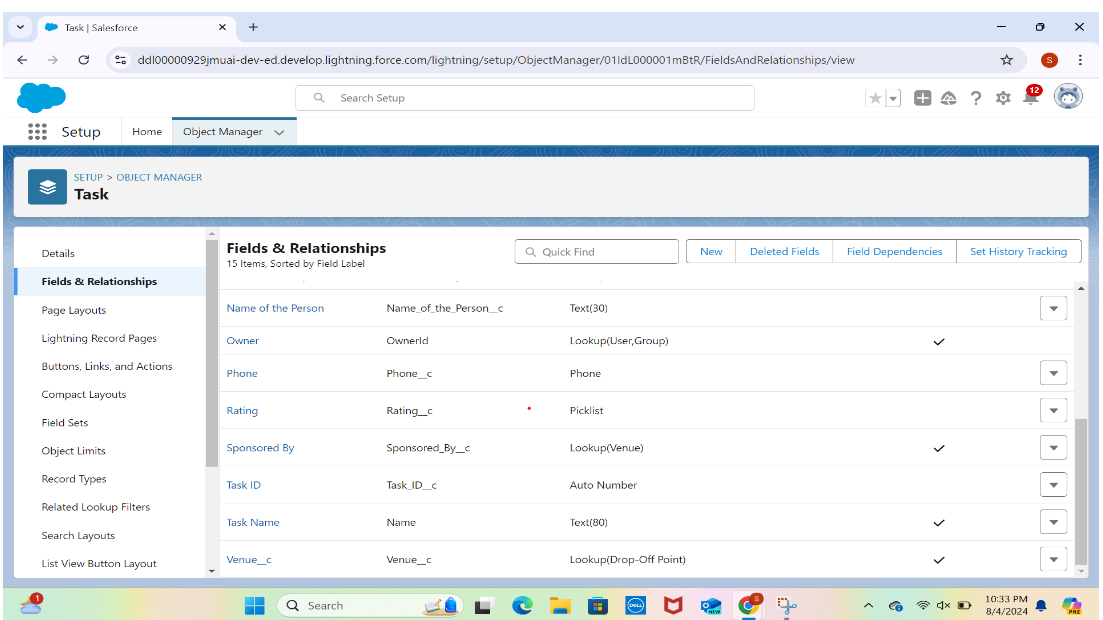
  4

  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.



Step 5: 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.

Step 6: 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.

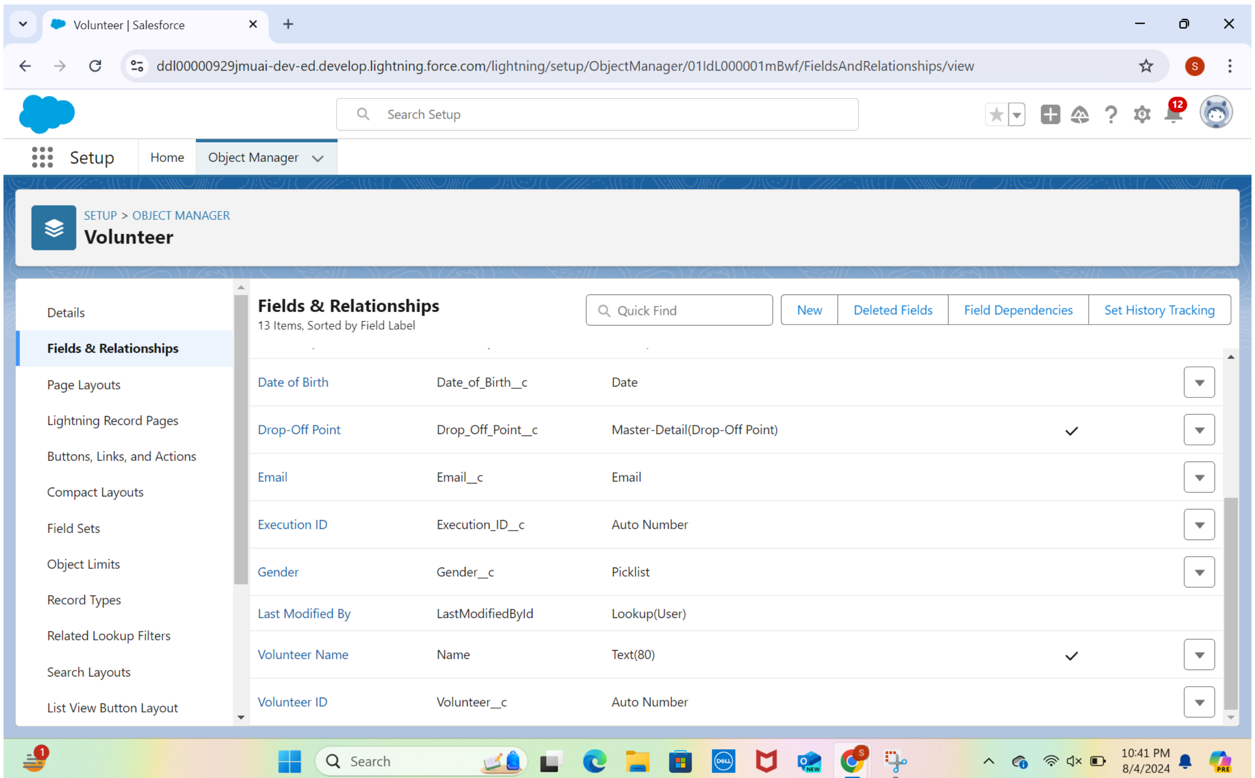
2. Now click on “Fields & Relationships” >> New

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.



Task 6: FLOWS

Step 1: 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.

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}

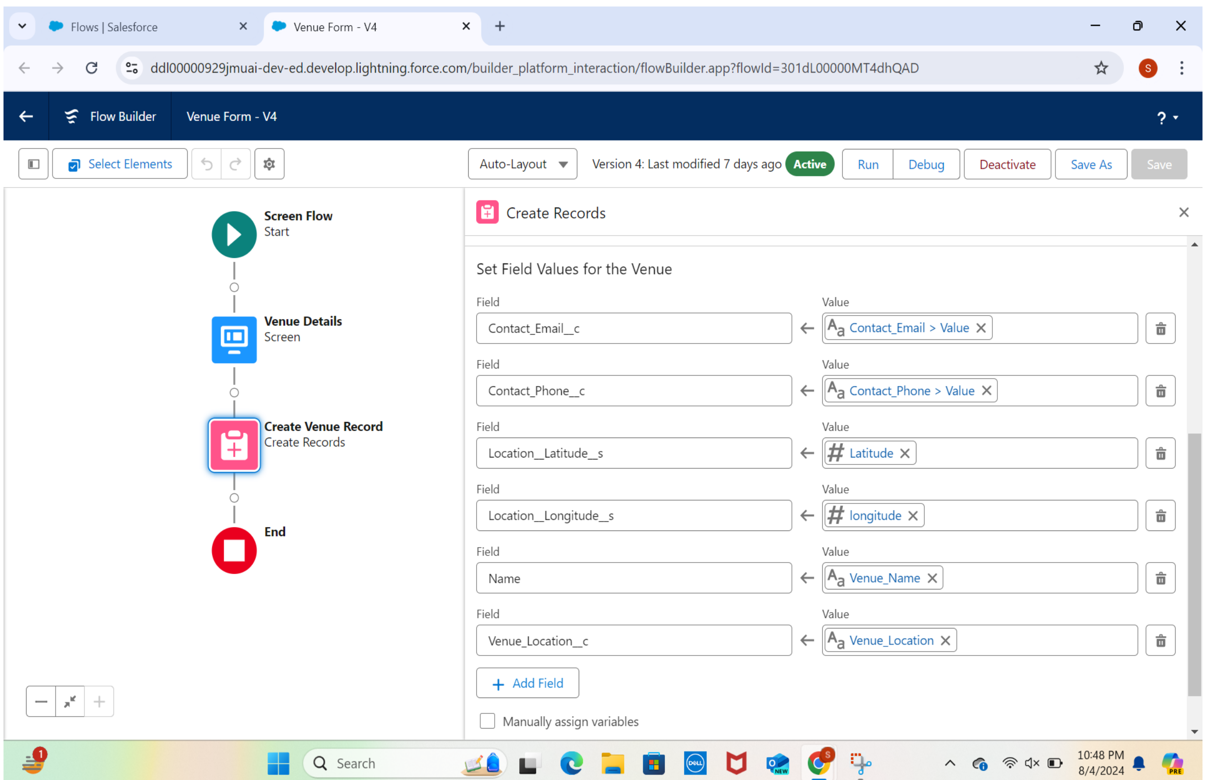
    Field : Value = Location__Latitude__s : {!latitude}

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



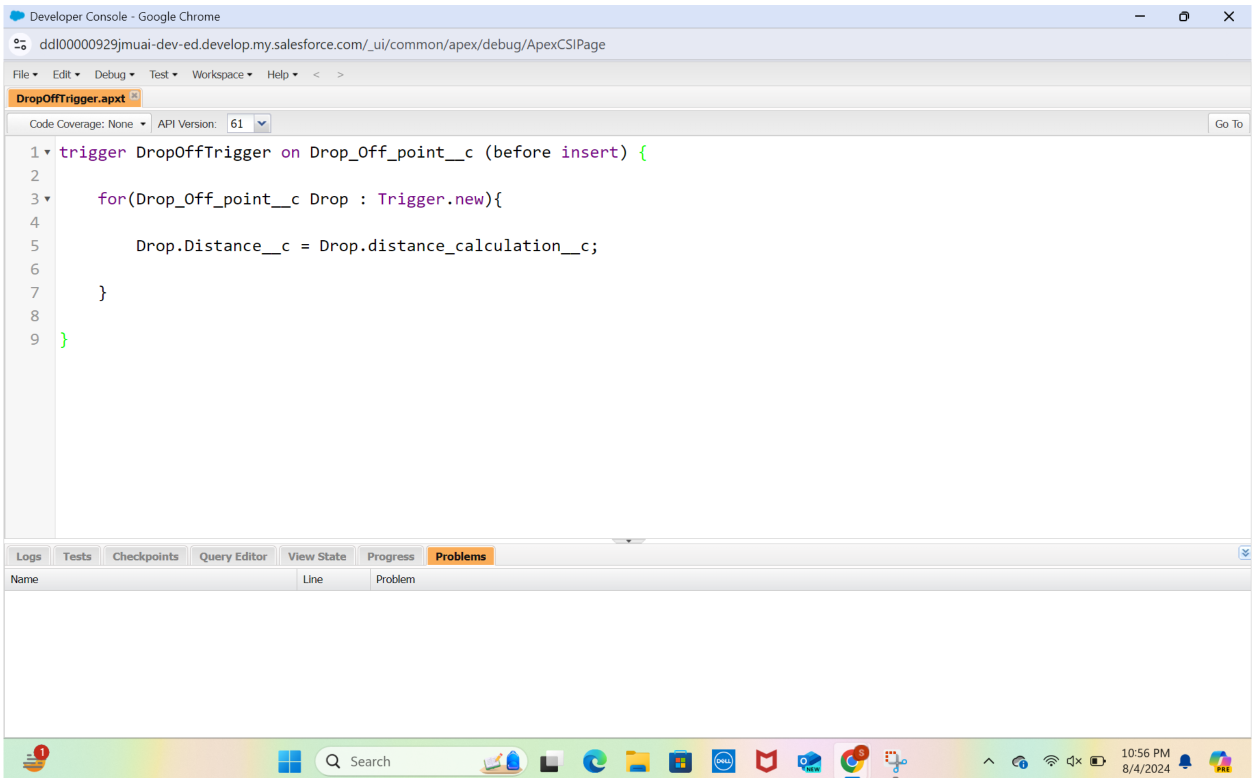
Task 7: Trigger

Step 1: 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 . .Enter Name : DropOffTrigger,Object: Drop-Off Point ,Click on Submit.

Step 2: Trigger Code

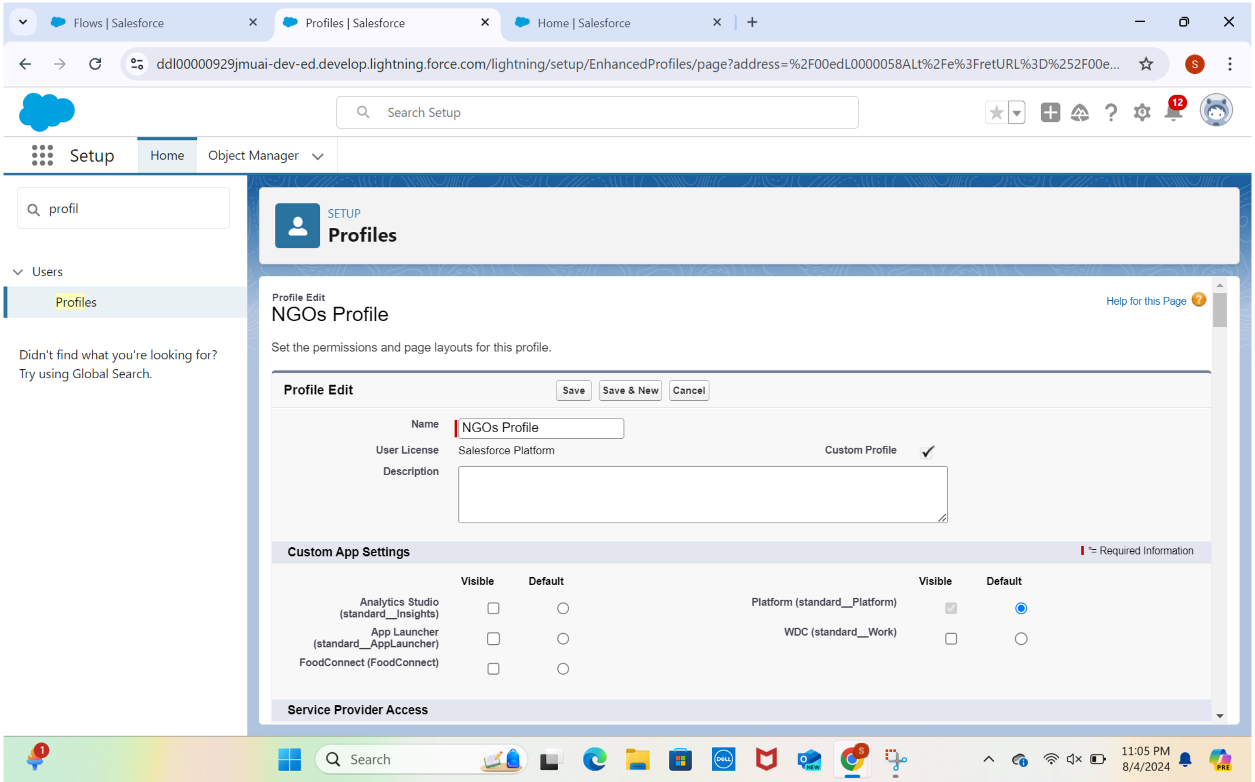


Task 8: Profiles

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

   Then click on Save



Task 9: Creation of Users

Step 1: 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

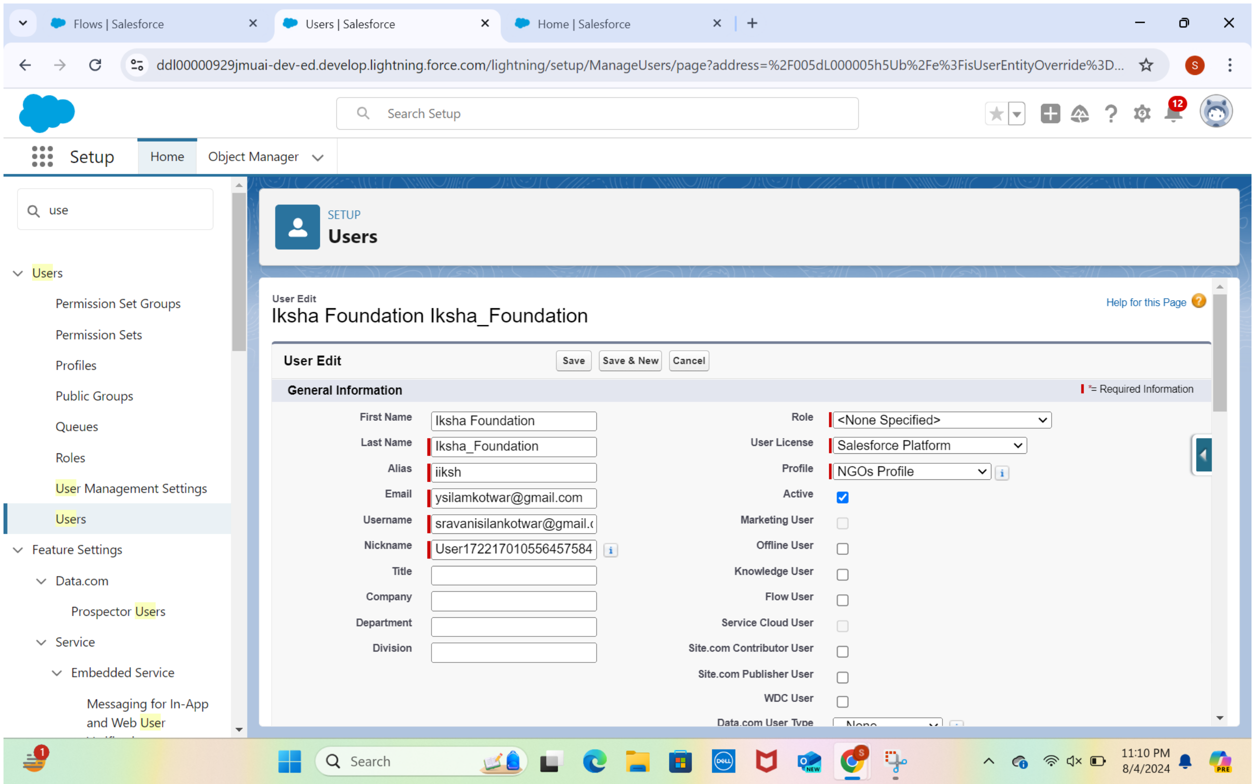
   Email : Give Your Email

   Username : ikshafoundation@sb.com (give the username different)

   Nickname : Auto Populated

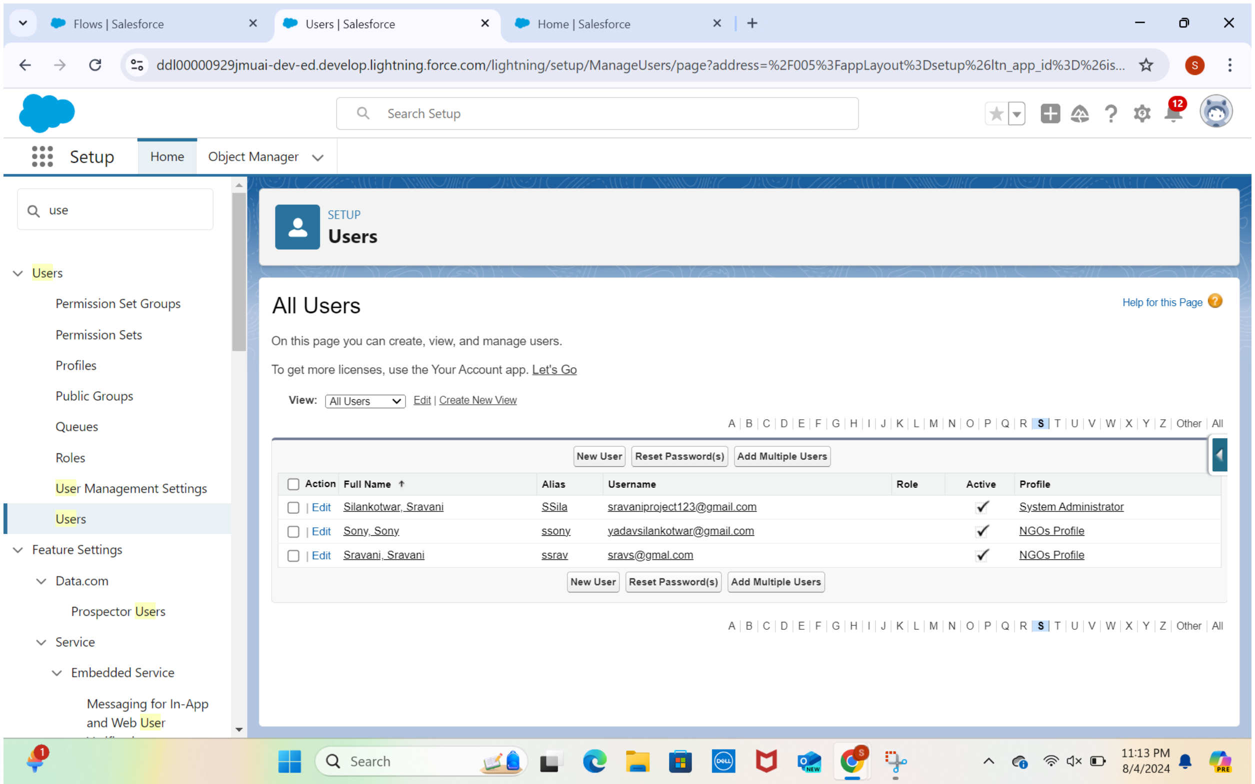
User License : Salesforce Platform

Profile : NGOs Profile,,Active : Checck, ...Click on Save



Step 2:Creation of User2, User3

1. Create another Two Users by following steps in Activity - 1 with similar User License and Profile.
2. Give Different First Name, Last Name based on Different NGO’s.



Task 10: Public Groups

Step 1: 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:

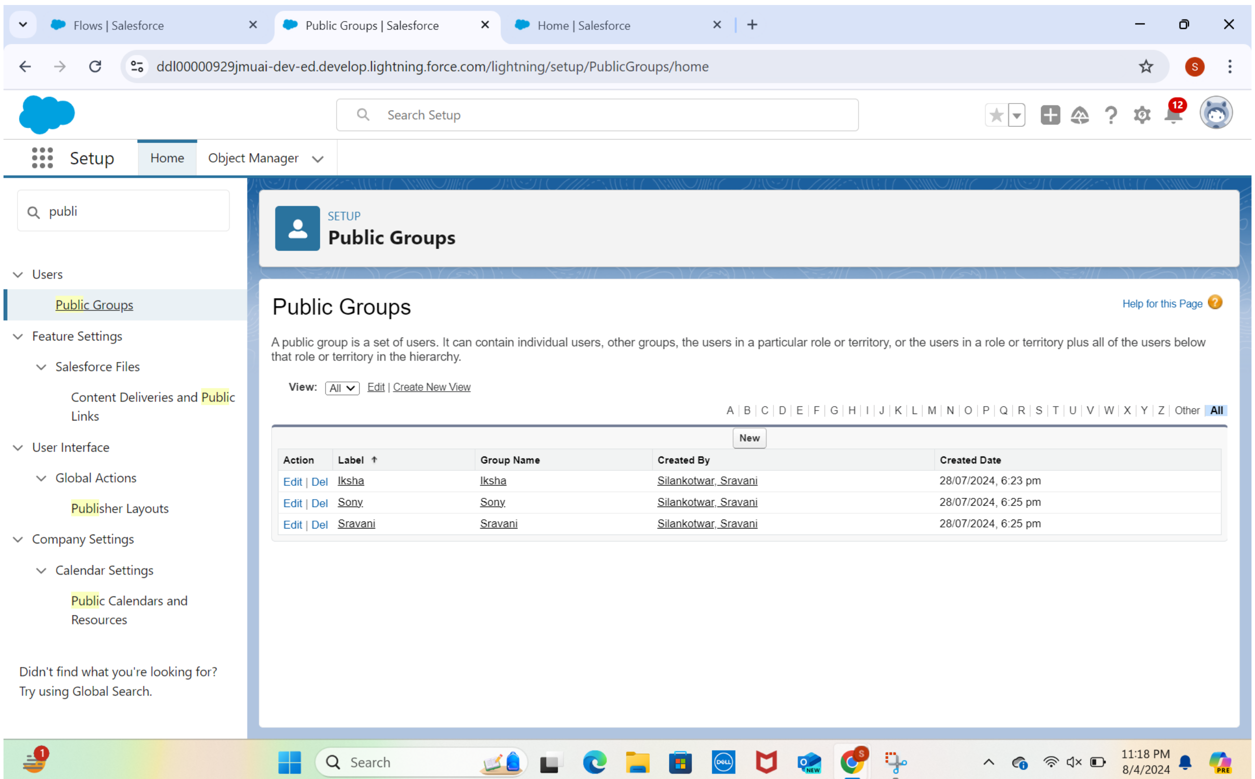
   Label : Iksha

   Group Name : Iksha

   Grant Access Using Hierarchies : Check
3. In Search, Select Users.
4. In Selected Members Add Iksha Foundation and System Administrator

Step 2: 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.



Task 11: Report Types

Step 1: 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

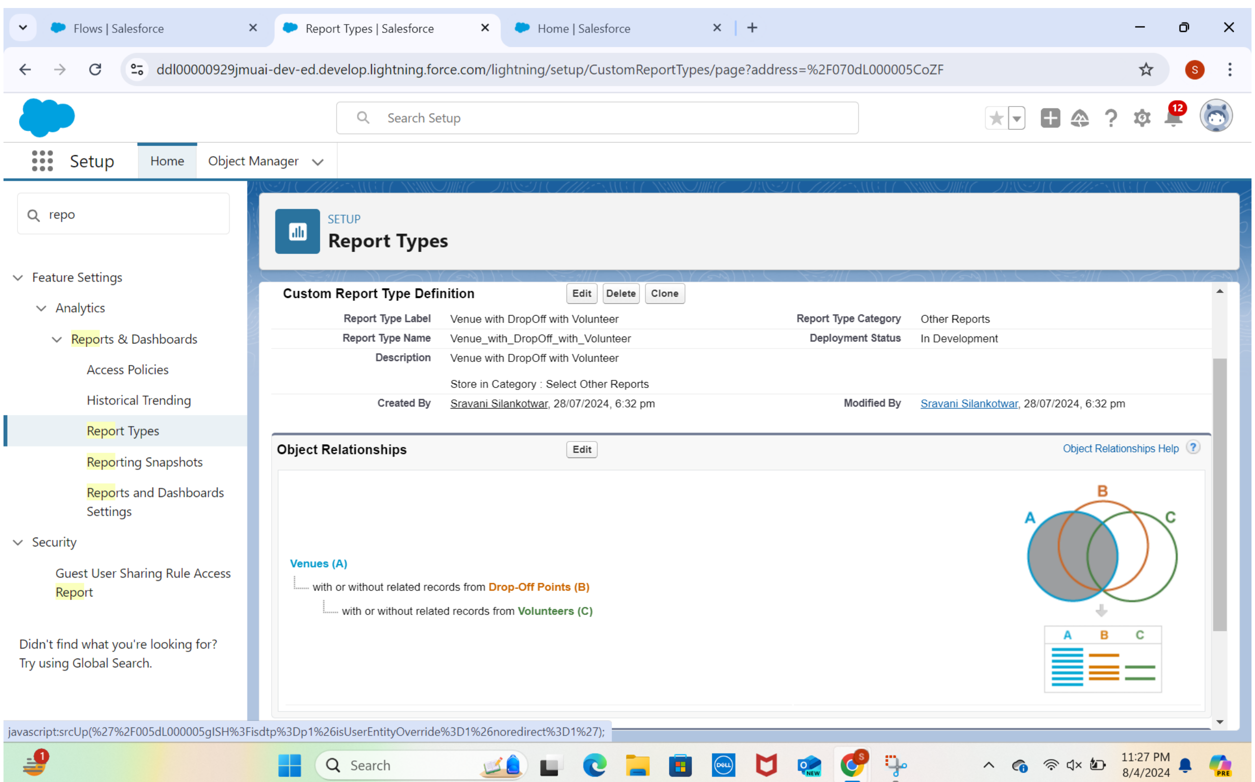
Report Type Name : Venue_with_DropOff_with_Volunteer

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



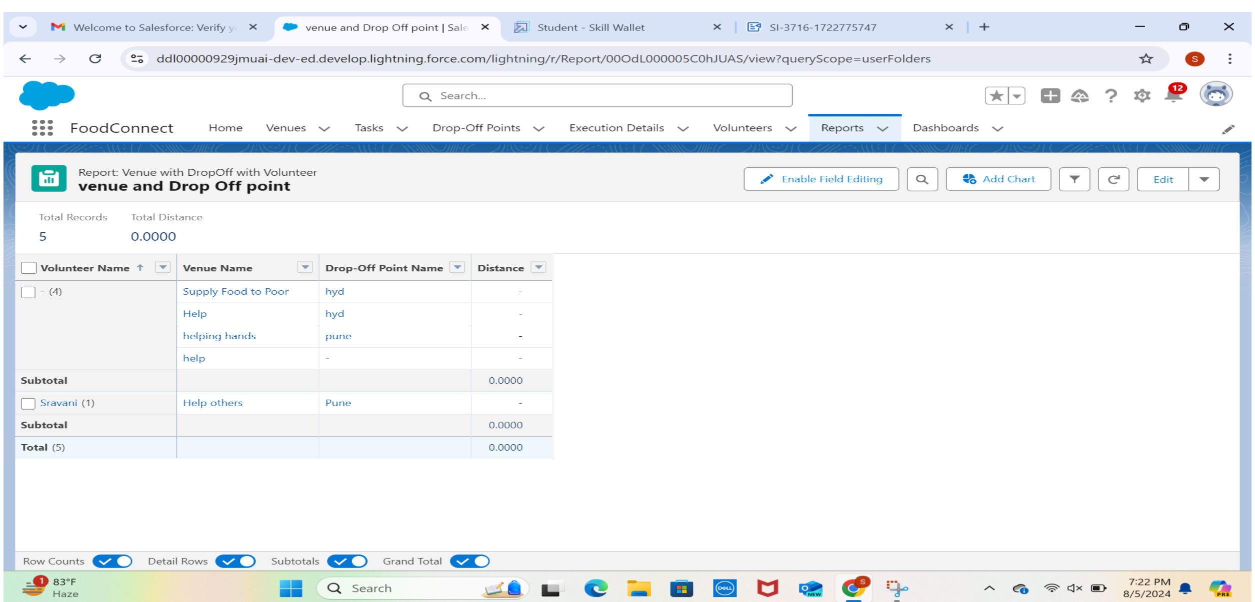
Task 12: Reports

Step 1: 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.



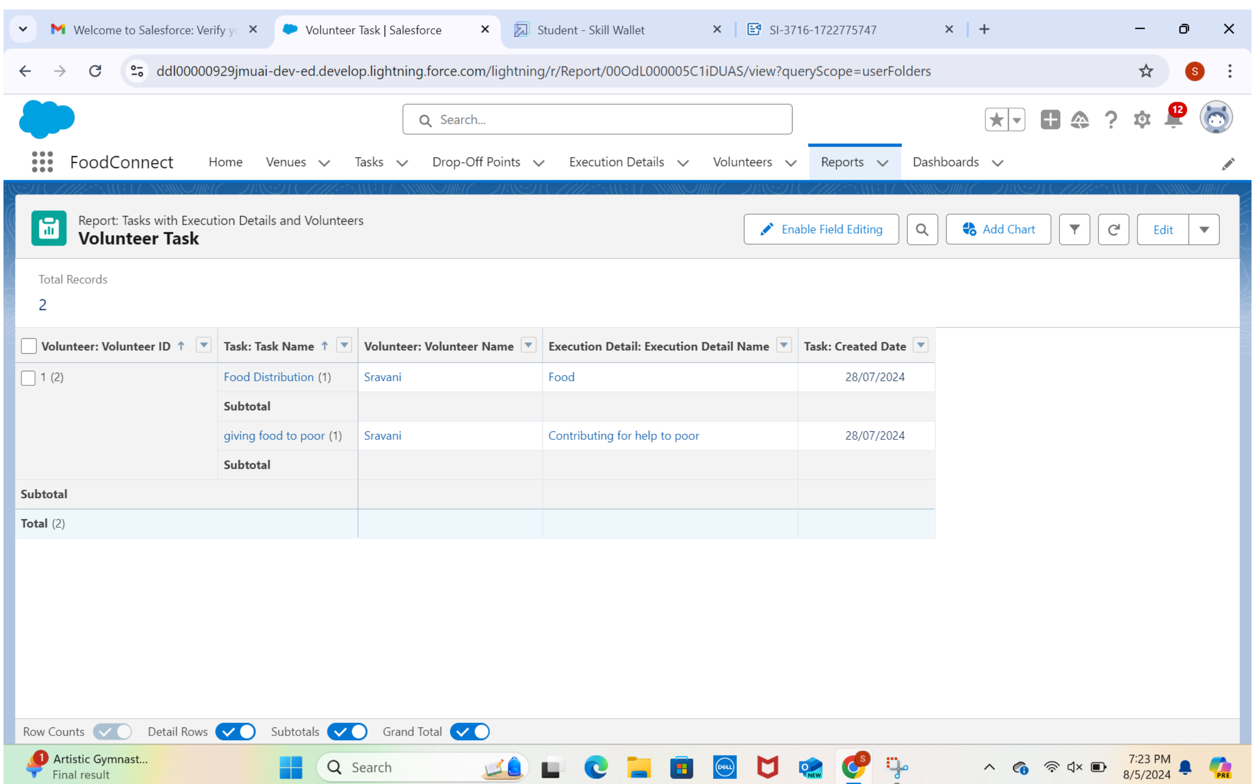
Step 2: Creation of Report on Volunteers with Execution Details and Tasks

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.



Task 13: Dashboards

Step 1: 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.

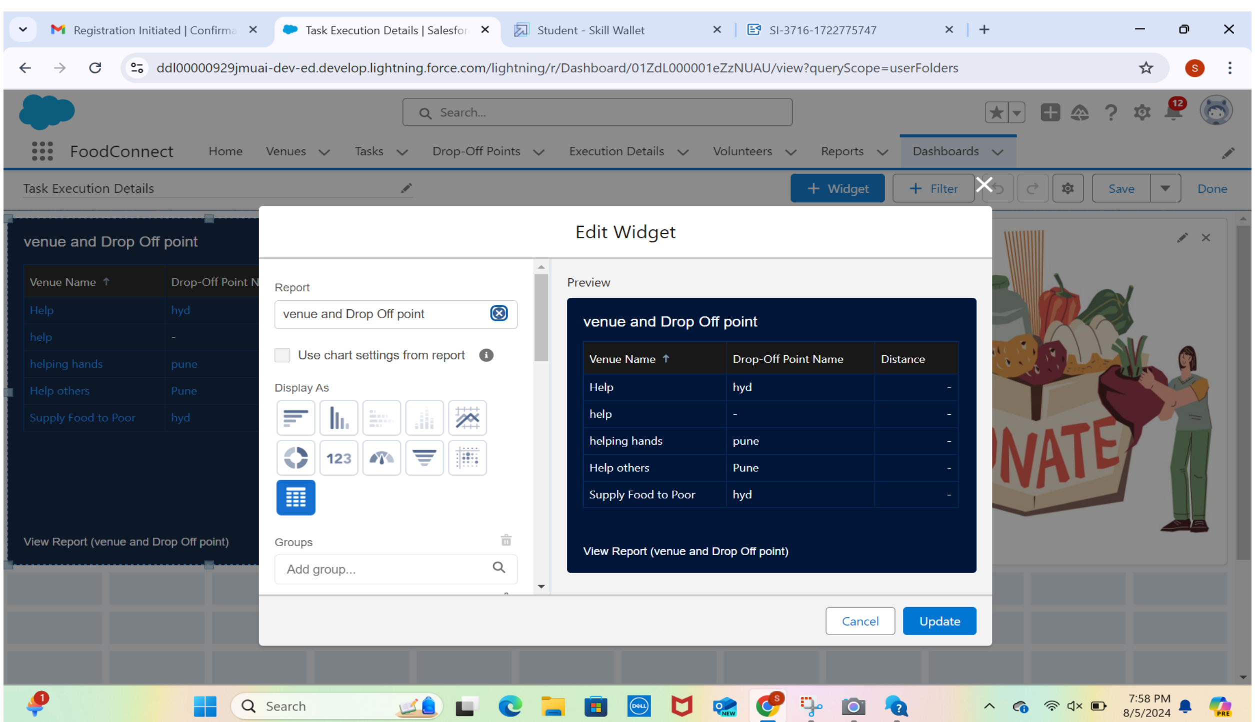
   Folder Label : Custom Dashboards

   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)

1. Now click on save.



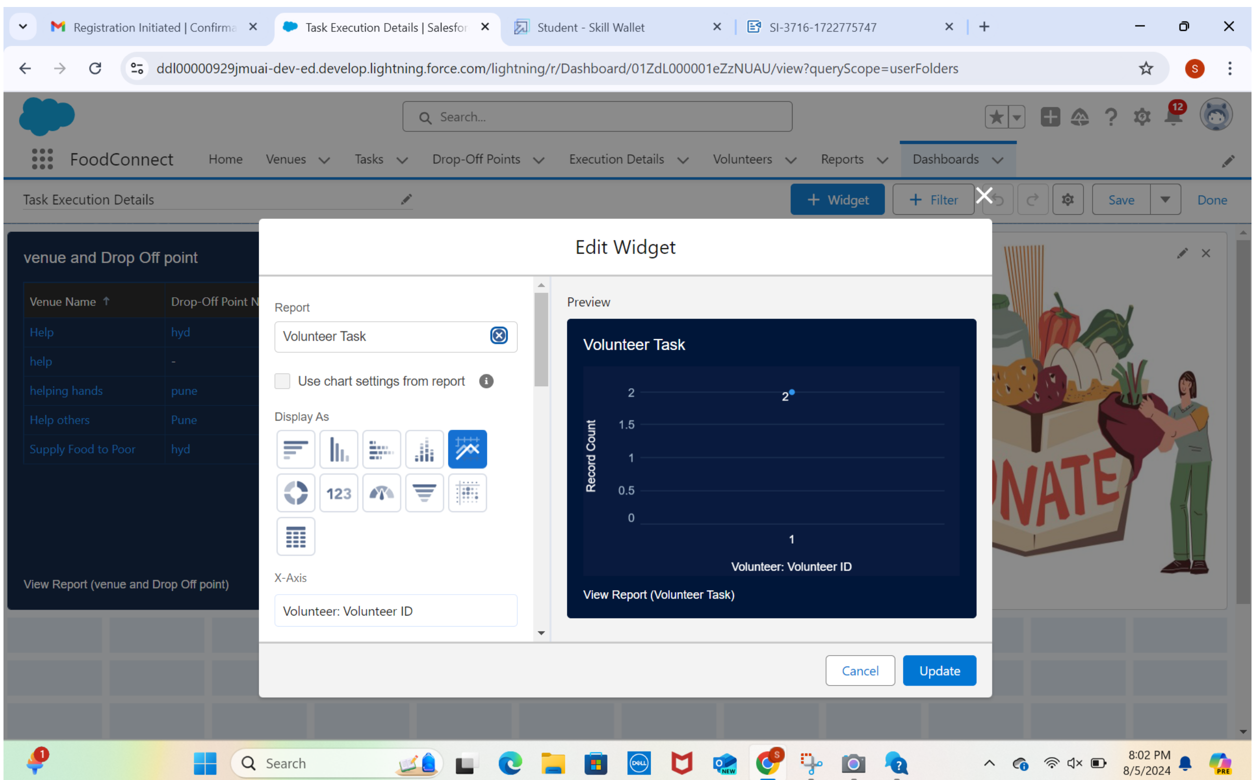
Step 2: Adding Volunteer Task Report to the Dashboard

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)

1. Now click on save.



Step 3: Adding a Picture to the Dashboard

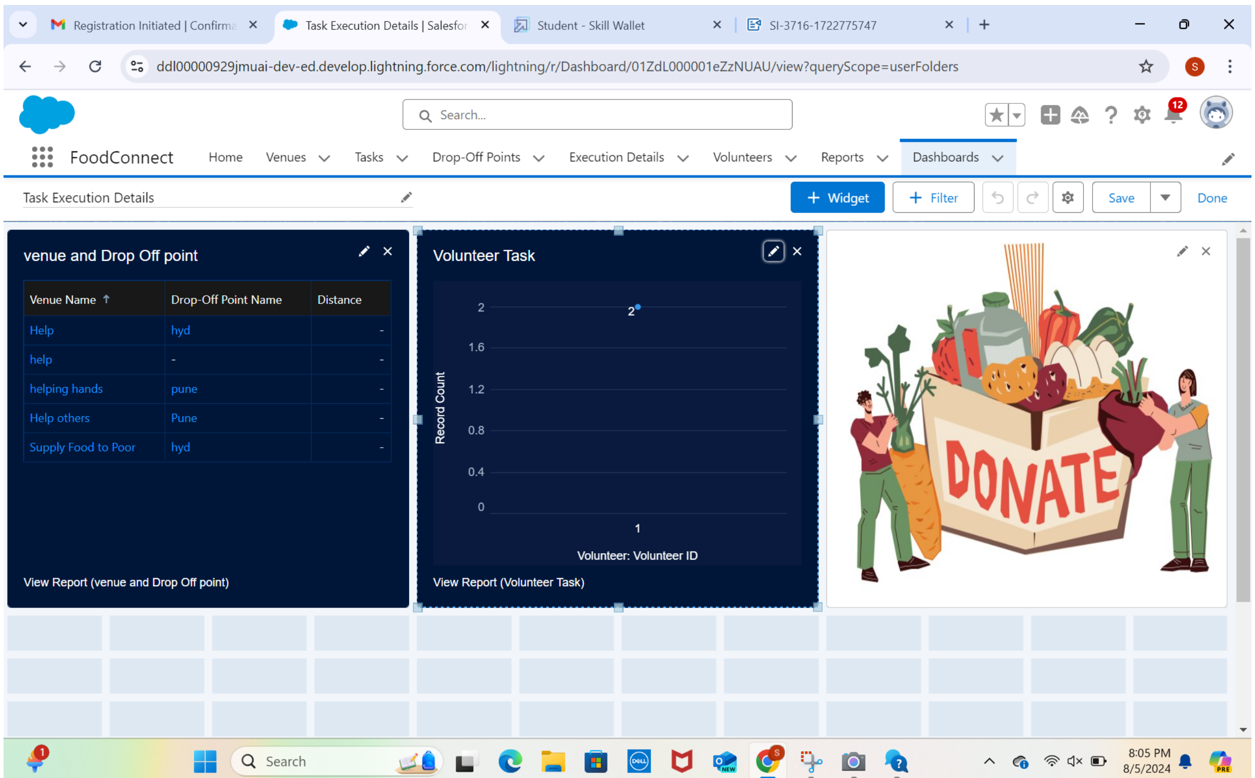
(Note : To upload an image into the Dashboard, we have to first download an image from google or other sources into your system)

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.



Task 14: Sharing Rules

Step 1: 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:

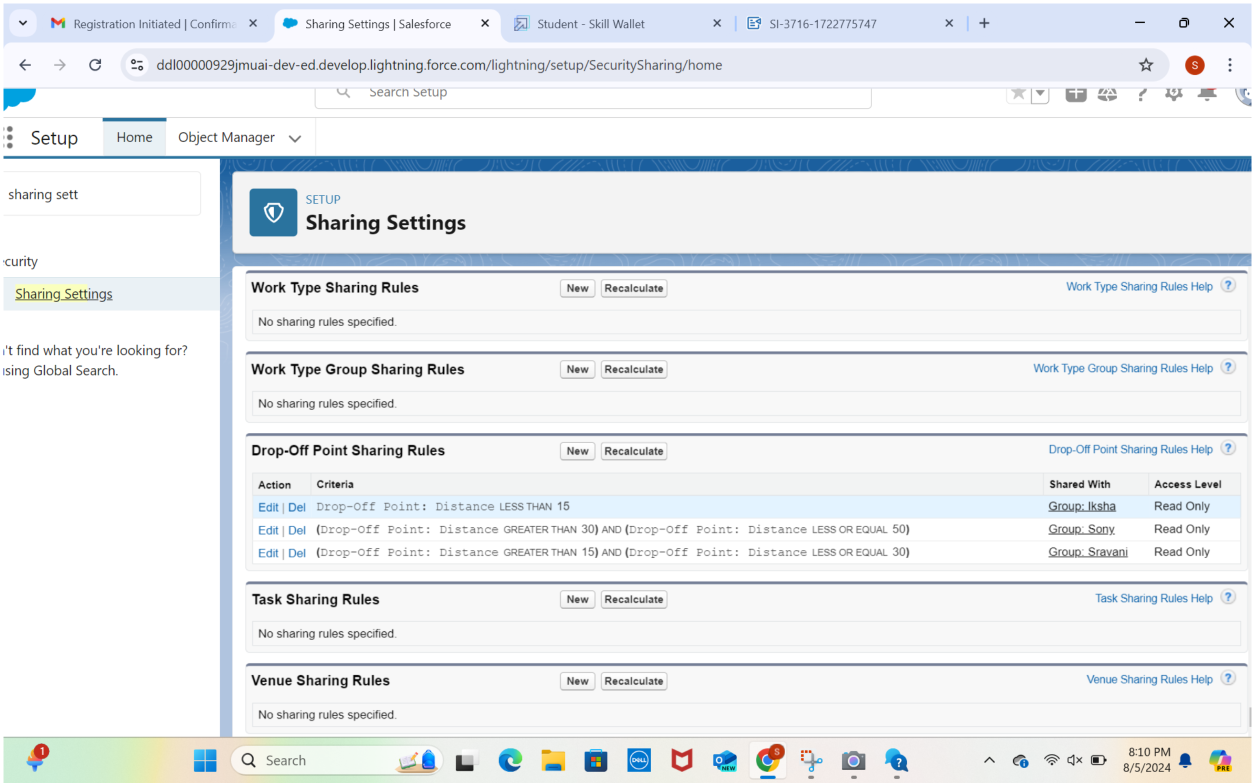
    Label : Rule 3

    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

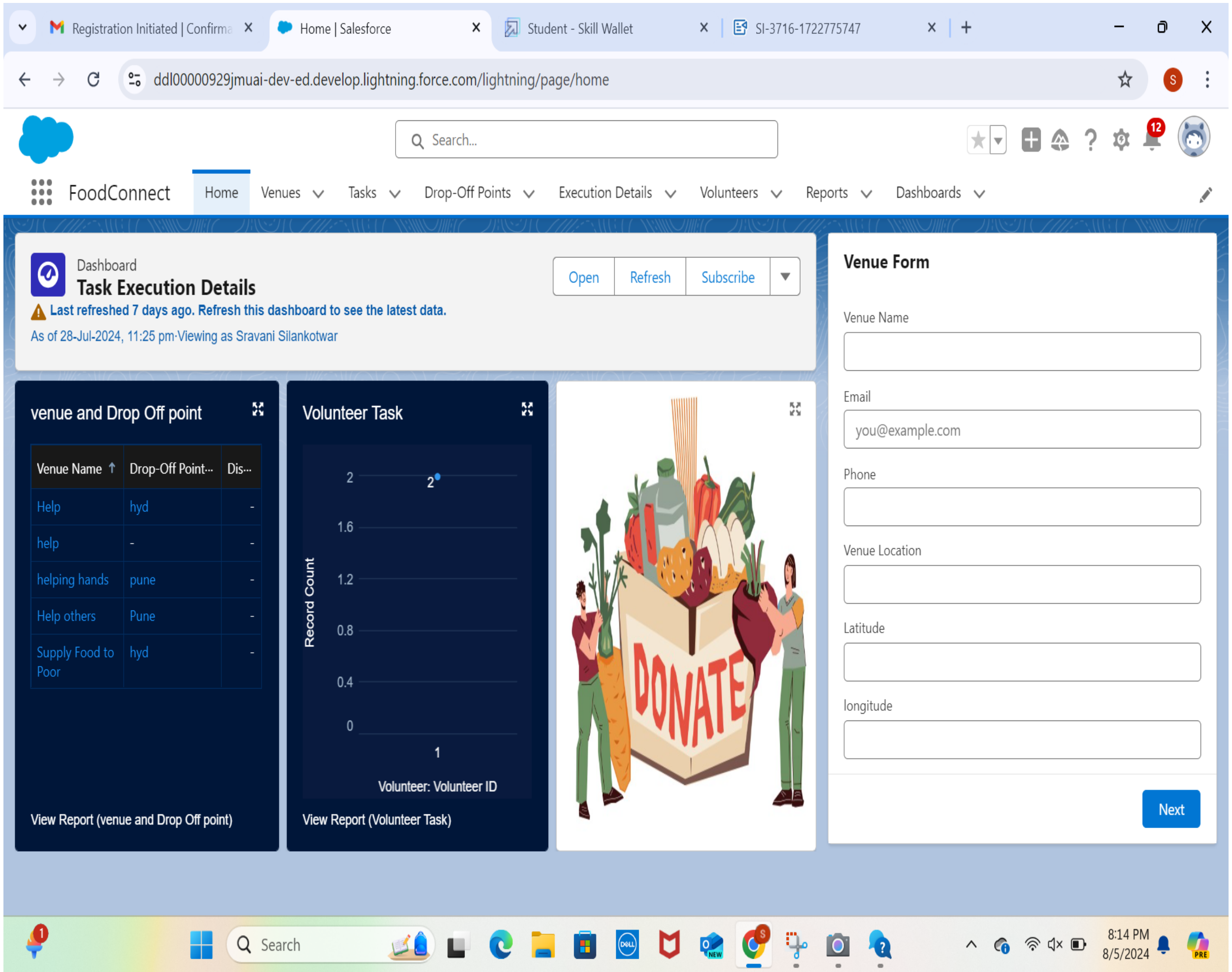
    Public Groups : Street Cause
17. Click on Save.



Task 15: 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.



Conclusion:

By leveraging the Salesforce platform, the project successfully established a streamlined and transparent system for managing surplus food donations. Through efficient coordination with volunteers and timely delivery to beneficiaries, the project effectively addressed food insecurity while maximizing the utilization of available resources.


THANK YOU!