Salesforce Project

Turning Leftovers into Lifelines: Providing Food for Those in Need

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ABSTRACT

RescueBite is an innovative initiative aimed at addressing food waste and hunger in local communities by rescuing leftover food from donors and efficiently redistributing it to those in need. As food waste remains a significant global issue, RescueBite leverages a streamlined platform built on Salesforce to connect food donors—such as restaurants and grocery stores—with food recipients, including shelters and food banks.

This project not only mitigates the environmental impact of food waste but also fosters community support by ensuring that surplus food is put to good use. Through automated notifications, real-time inventory management, and user-friendly interfaces, RescueBite facilitates seamless collaboration among stakeholders. By implementing robust tracking and reporting features, the project aims to measure its impact on food insecurity and community well-being.

In summary, RescueBite serves as a vital link between excess food supplies and those who need them most, promoting sustainability, compassion, and community resilience. Through ongoing monitoring and optimization, the project seeks to create a lasting impact, transforming the way food is sourced and distributed within the community.

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INTRODUCTION

Food waste is a pressing issue that affects communities worldwide, contributing to environmental degradation and exacerbating food insecurity. In the United States alone, an estimated 40% of food produced is never consumed, leading to significant economic and ecological consequences. At the same time, millions of individuals and families face hunger daily, highlighting the stark contrast between food surplus and need.

The **RescueBite** project was conceived to bridge this gap by rescuing leftover food from donors—such as restaurants, grocery stores, and farms—and redistributing it to local organizations that support those in need, including food banks and shelters. By utilizing a comprehensive platform built on Salesforce, RescueBite aims to streamline the donation and distribution process, making it easier for all stakeholders to participate in this critical effort.

Our mission is twofold: to significantly reduce food waste while ensuring that surplus food reaches those who need it most. Through the use of technology, we facilitate real-time tracking of food donations, manage inventory effectively, and automate notifications for donors and recipients. This not only enhances operational efficiency but also fosters community engagement and awareness around the issues of food waste and hunger.

In addition to addressing immediate needs, RescueBite seeks to promote sustainable practices within the food industry, encouraging businesses to view food surplus as an opportunity for positive social impact. By establishing strong partnerships with local donors and recipients, we aspire to create a network of support that enhances food security and strengthens community ties.

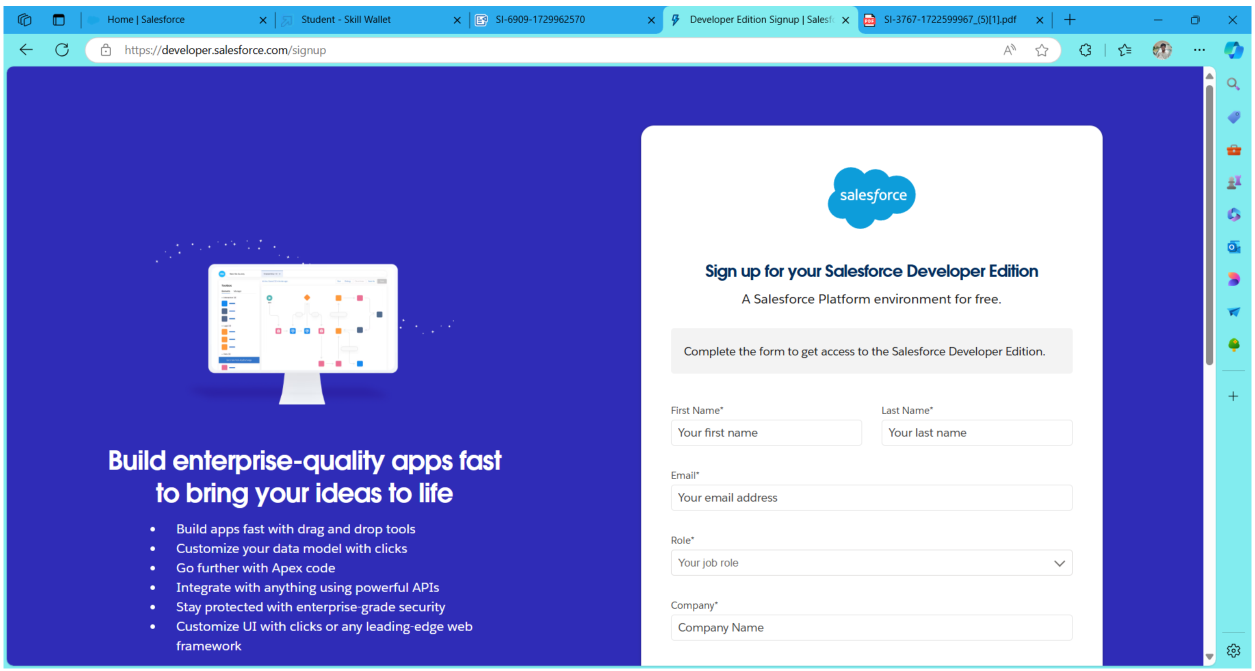
As we embark on this journey, we invite stakeholders, volunteers, and community members to join us in our mission to make a meaningful difference in the lives of those affected by food waste and hunger. Together, we can transform surplus food into nourishment, fostering a culture of sharing and sustainability in our communities.

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 :

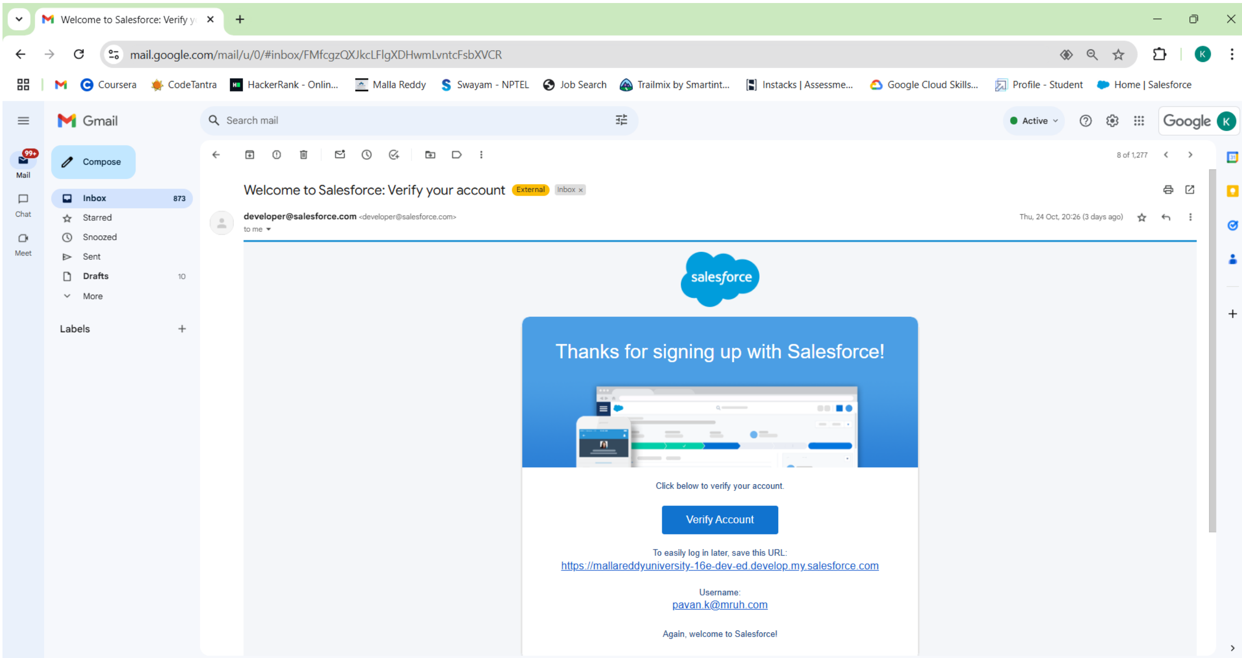


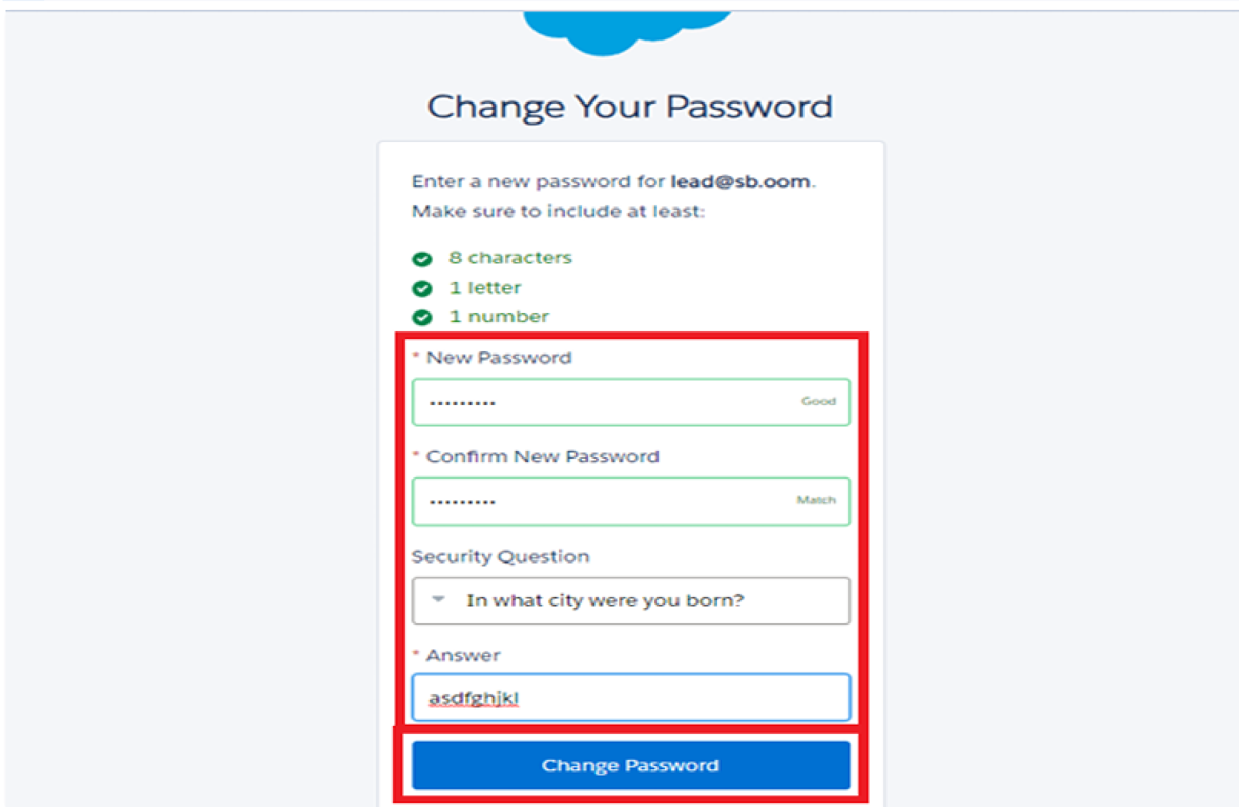
1. First name & Last name
2. Email
3. Role : Develop
4. Company : College or Company Name
5. County : India
6. Postal Code : pin code
7. Username : should be a combination of your name

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

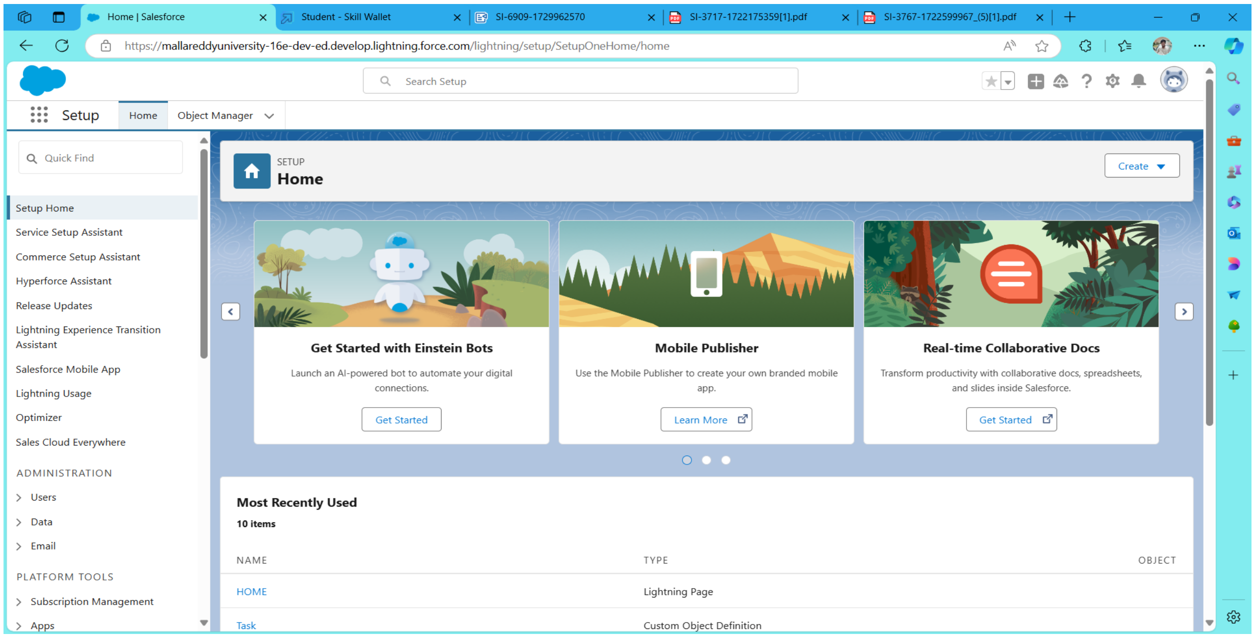
1. Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5-10mins.





Click on Verify Account

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

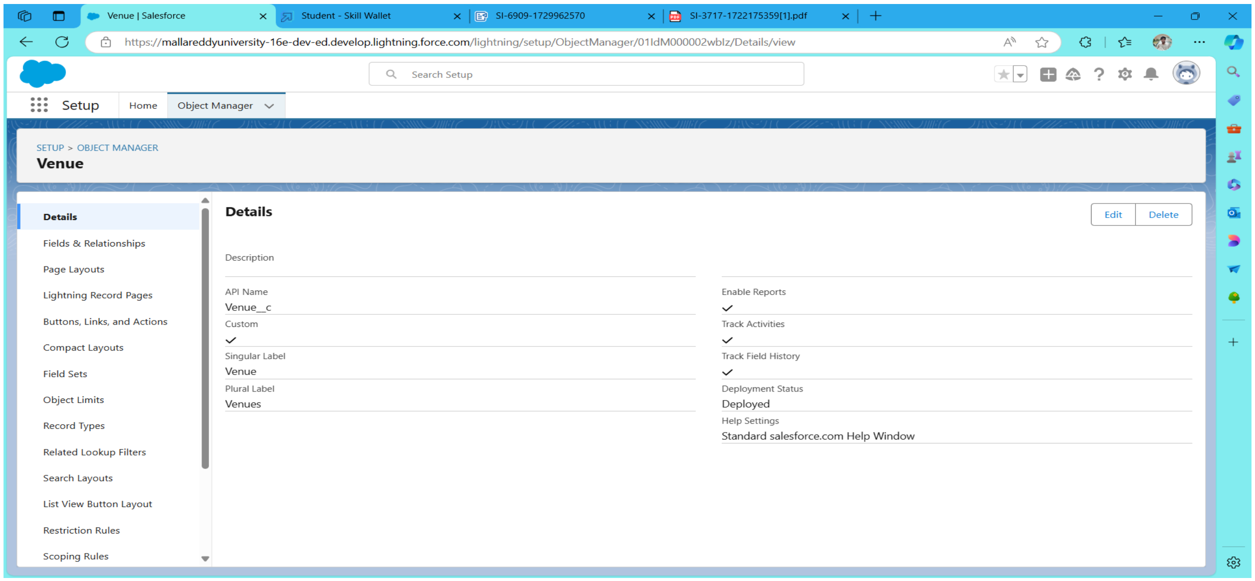


TASK 2: Objects creation

Create Venue Object

To create an object:

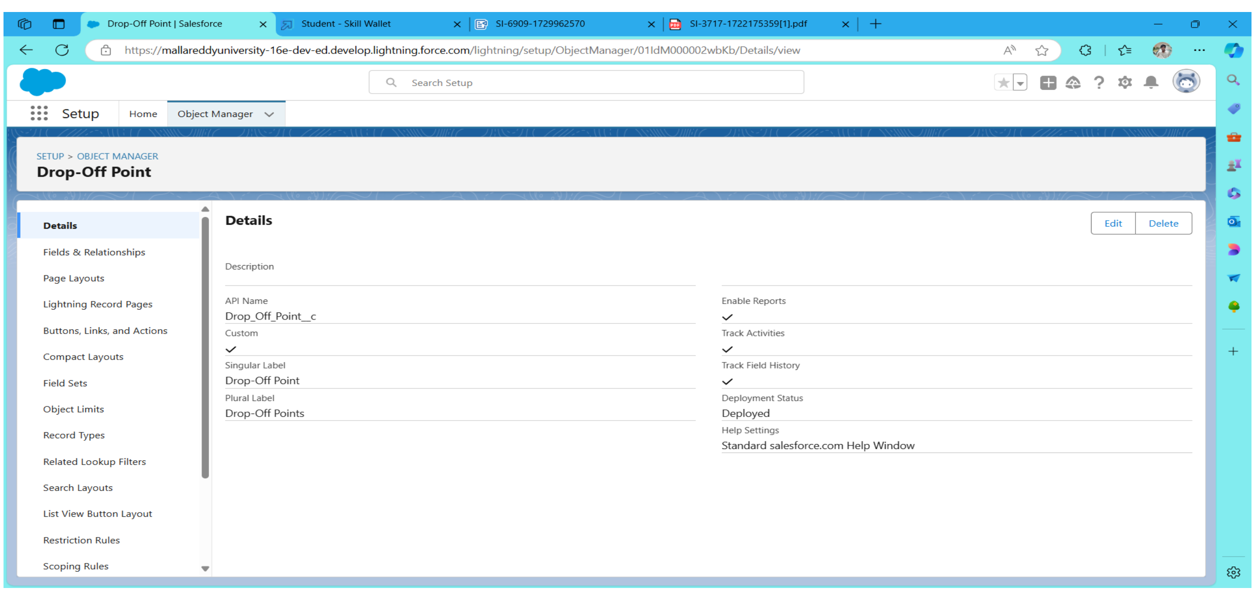
1. From the setup page >> Click on Object Manager >> Click on Create >>Click on Custom Object.
    1. Enter the label name >> Venue
    2. Plural label name >> Venues
    3. Enter Record Name Label and Format
        - Record Name >> Venue Name
        - Data Type >> Te
2. Click on Allow reports and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



Create Drop-Off Point Object

To create an object:

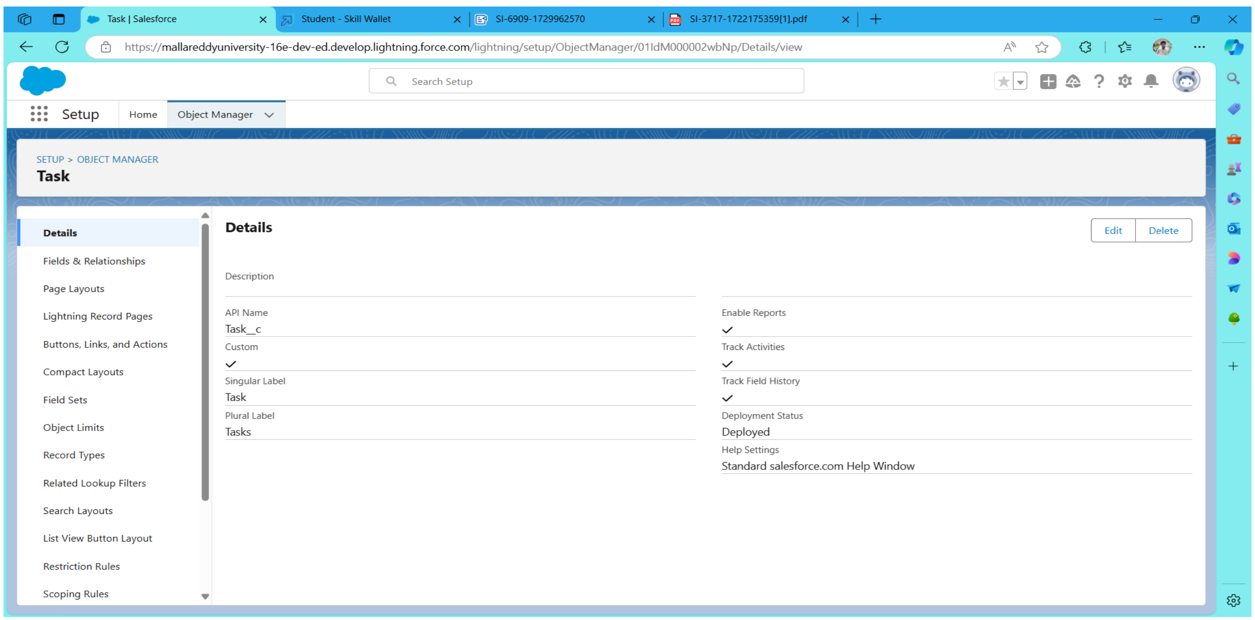
1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
    1. Enter the label name >> Drop-Off Point
    2. Plural label name>> Drop-Off Points
    3. Enter Record Name Label and Format
        - Record Name >> Drop-Off point Name
        - Data Type >> Text
2.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



Create Task Object

To create an object:

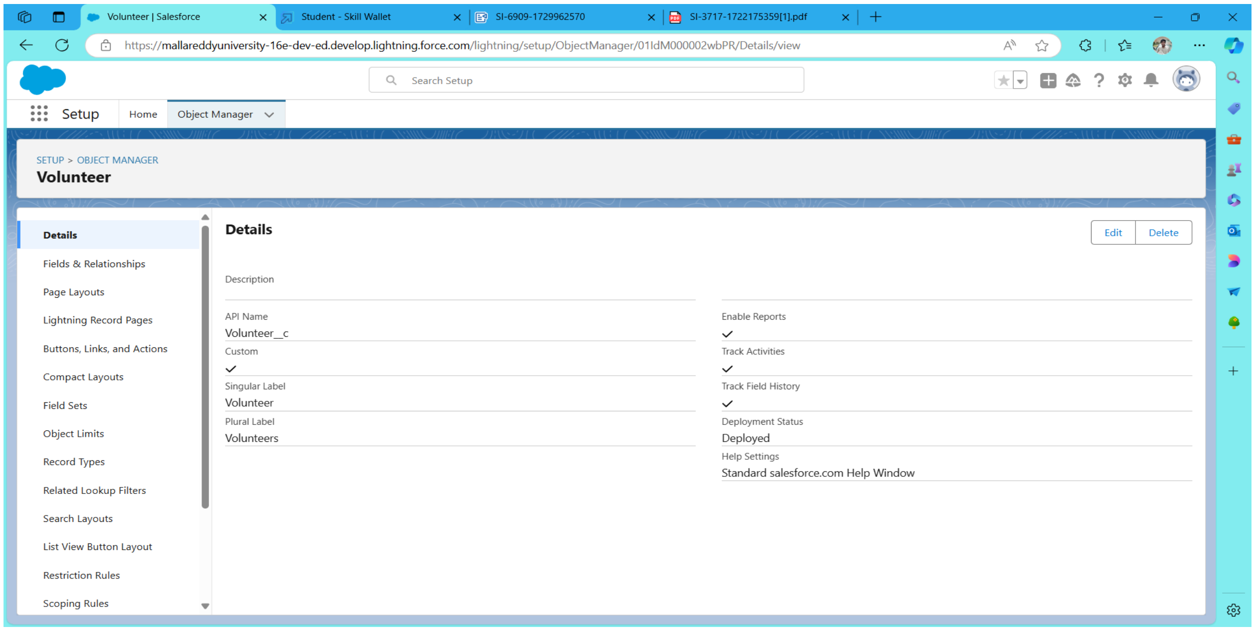
1. From the setup page >> Click on Object Manager >> Click on Create >> Click on Custom Object.
    1. Enter the label name>> Task
    2. Plural label name>> Tasks
    3. Enter Record Name Label and Format
        - Record Name >> Task Name
        - Data Type >> Text
2. Click on Allow reports and Track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



Create Volunteer Object

To create an object:

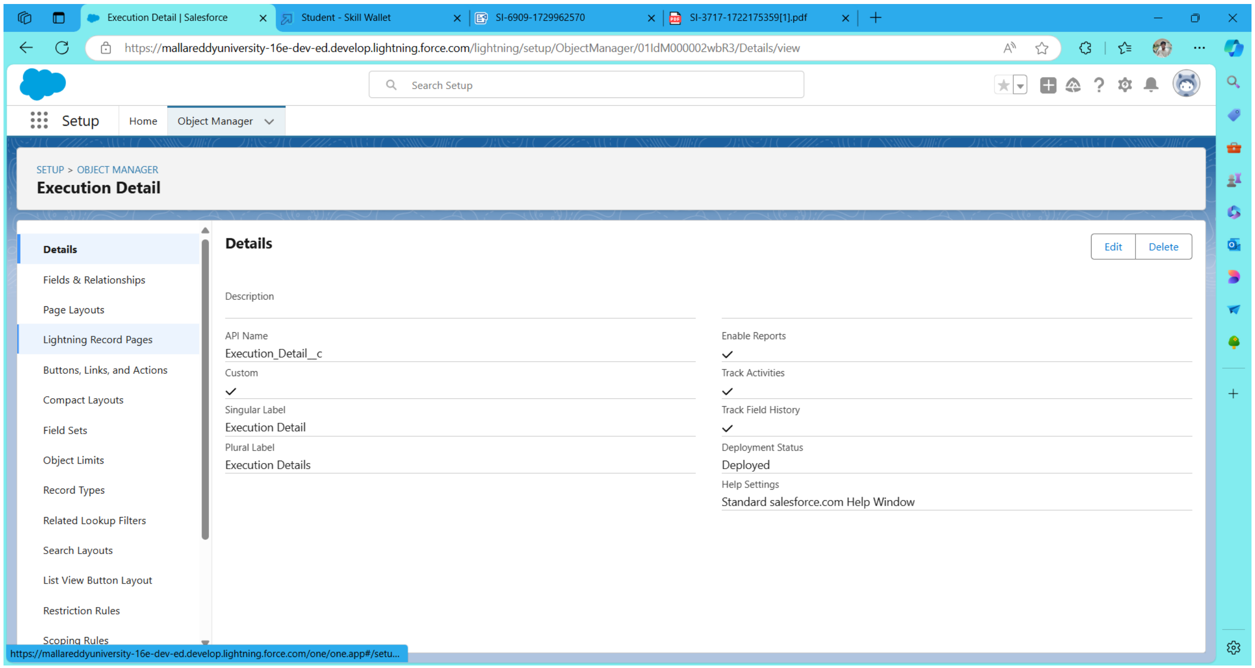
1. From the setup page >> Click on Object Manager>> Click on Create >> Click on Custom Object.
    1. Enter the label name>> Volunteer
    2. Plural label name>> Volunteers
    3. Enter Record Name Label and Format
        - Record Name >> Volunteer Name
        - Data Type >> Text
2. Click on Allow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



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.

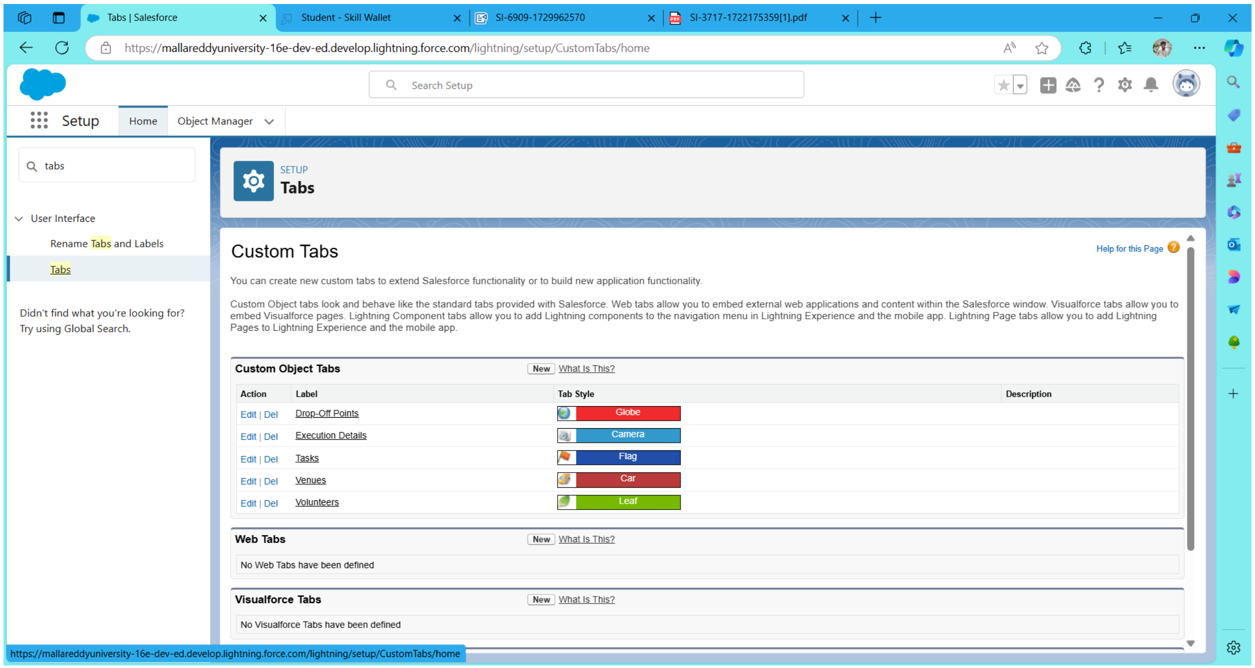
Creating a Custom Tab

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

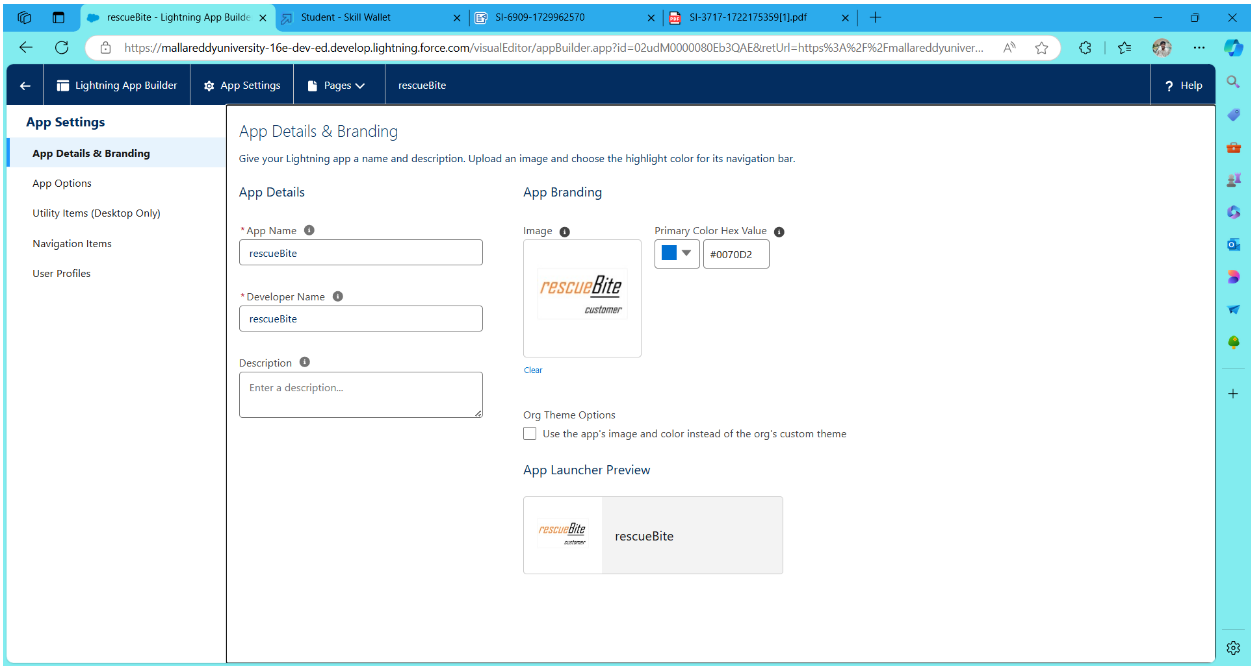


TASK 4: The Lightning App

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 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.


rescueBite - Lightning App Builder
Student - Skill Wallet
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Lightning App Builder
App Settings
Pages
rescueBite
Help
App Settings
App Details & Branding
App Options
Utility Items (Desktop Only)
Navigation Items
User Profiles
App Details & Branding
Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.
App Details
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rescueBite
* Developer Name
rescueBite
Description
Enter a description...
App Branding
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Org Theme Options
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App Launcher Preview
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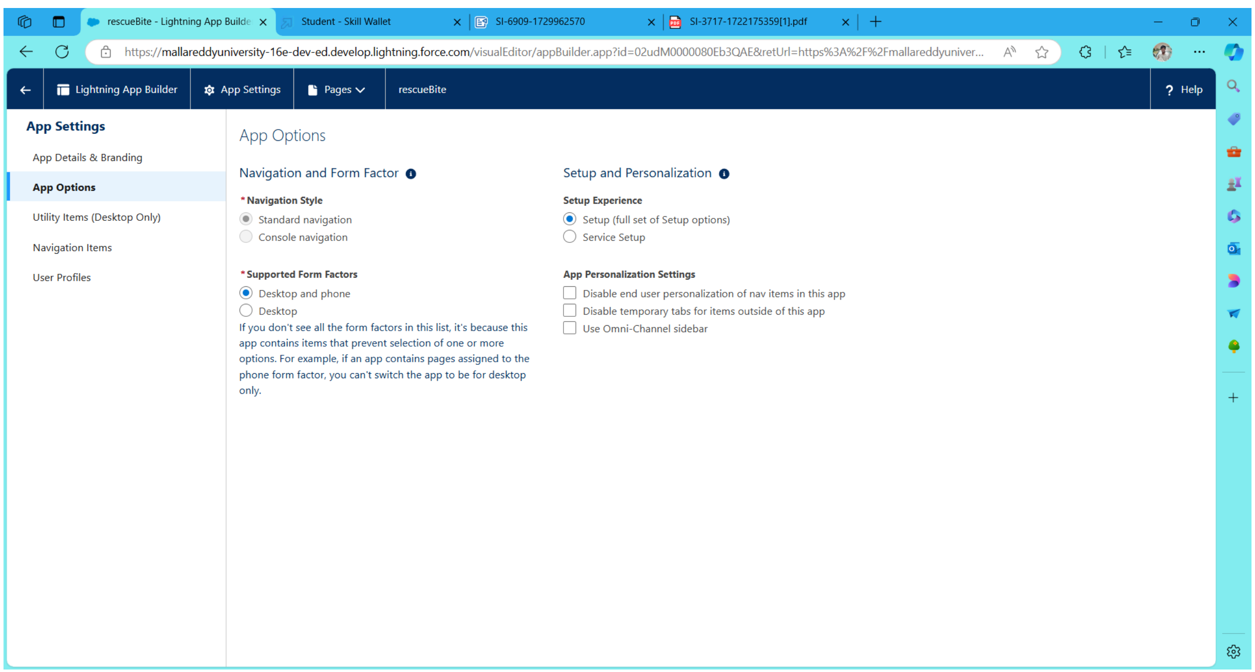
rescueBite - Lightning App Builder
Student - Skill Wallet
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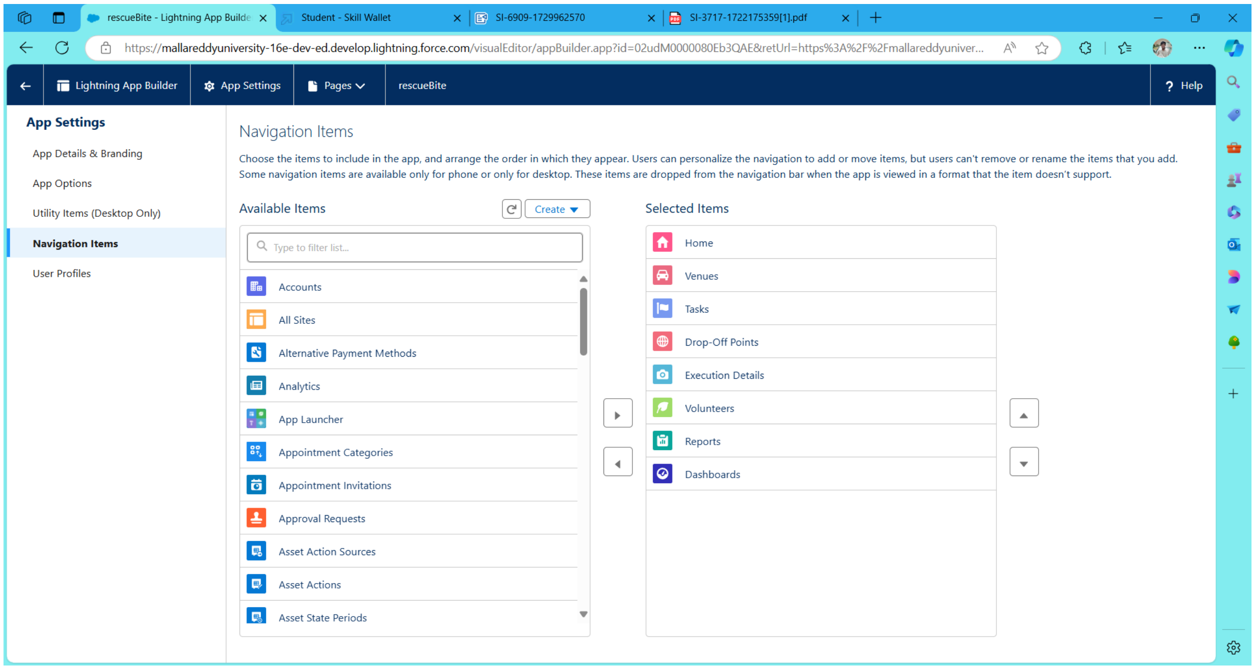
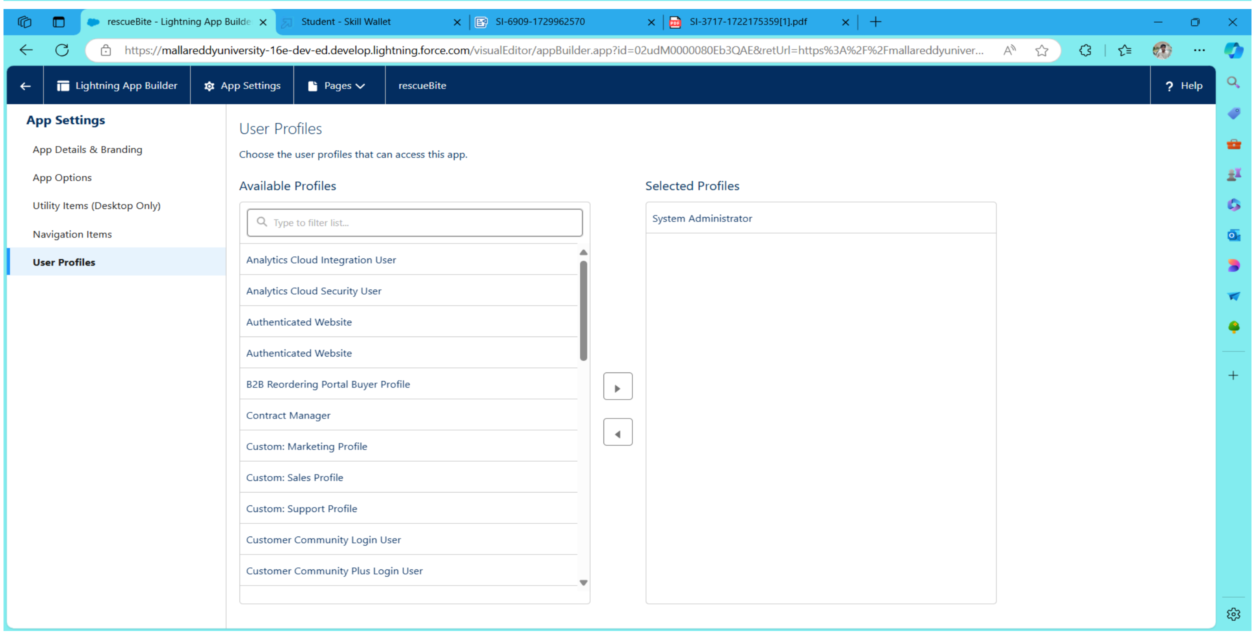
Lightning App Builder
App Settings
Pages
rescueBite
Help
App Settings
App Details & Branding
App Options
Utility Items (Desktop Only)
Navigation Items
User Profiles
App Options
Navigation and Form Factor
* Navigation Style
Standard navigation
Console navigation
* Supported Form Factors
Desktop and phone
Desktop
If you don't see all the form factors in this list, it's because this app contains items that prevent selection of one or more options. For example, if an app contains pages assigned to the phone form factor, you can't switch the app to be for desktop only.
Setup and Personalization
Setup Experience
Setup (full set of Setup options)
Service Setup
App Personalization Settings
Disable end user personalization of nav items in this app
Disable temporary tabs for items outside of this app
Use Omni-Channel sidebar





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 :

1. Go to setup >> click on Object Manager >> type object name(Execution Details) 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 “Volunteer” and click next.
5. Field Name : Volunteer
6. Field label : Auto generated
7. . Next >> Next >> Save.

Creation of Master Detail Relationship Field on Execution Details Object :

1. Go to setup >> click on Object Manager >> type object name(Execution Details) 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 “Task” and click next.
5. Field Name : Task
6. Field label : Auto generated
7. Next >> Next >> Save.

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

1. Go to setup >> click on Object Manager >> type object name(Task) in the search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Lookup relationship
4. Select the related object “Drop-Off Point” and click next.
5. Field Name : Venue
6. Field label : Venue__c
7. Next >> Next >> Save.

Creation of Lookup Relationship Field on Task Object :

1. Go to setup>> click on Object Manager >> type object name(Task) in the search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Lookup relationship
4. Select the related object “Venue” and click next.
5. Field Name : Sponsored By
6. Field label : Auto generated
7. Next >> Next >> Save.

Creation of Lookup Relationship Field on Task Object :

1. . Go to setup>> click on Object Manager >> type object name(Task) in the search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Lookup 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 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:

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 “Phone” and Click on Next
4. 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.

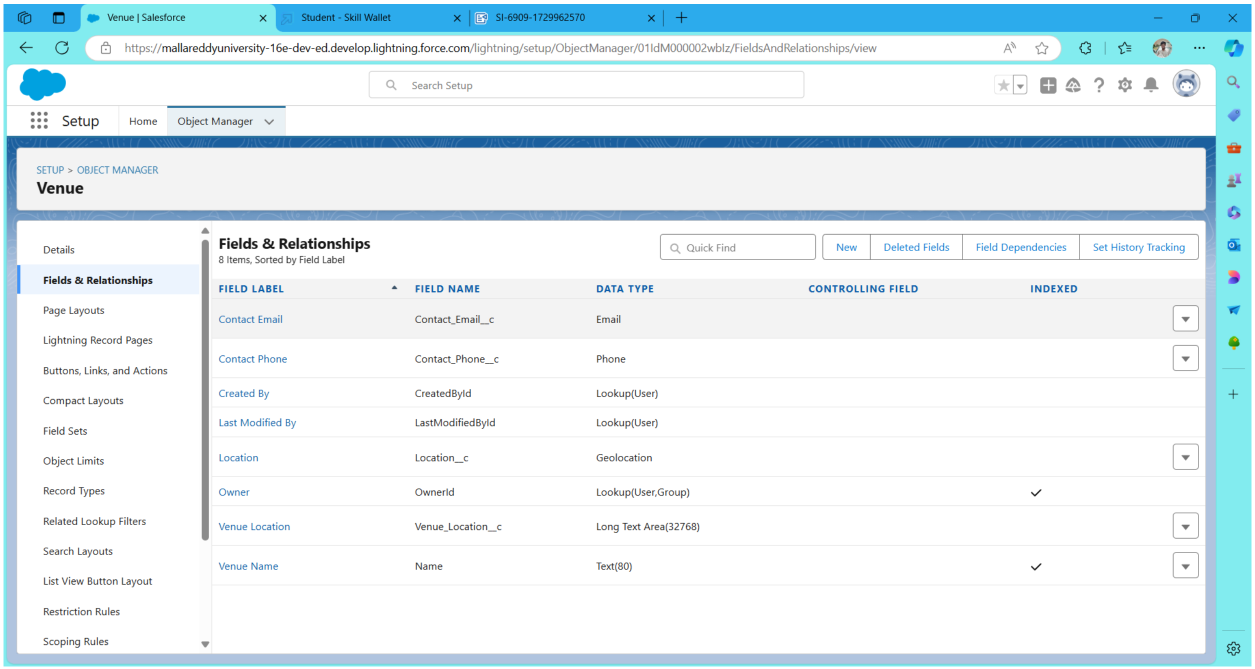
To create another fields in an object:

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:

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 “Long Text Area” and Click on Next

4. Fill the Above as following:
    - Field Label : Venue Location
    - Field Name : Venue_Location
    - Click on Next >> Next >> Save and new.



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:

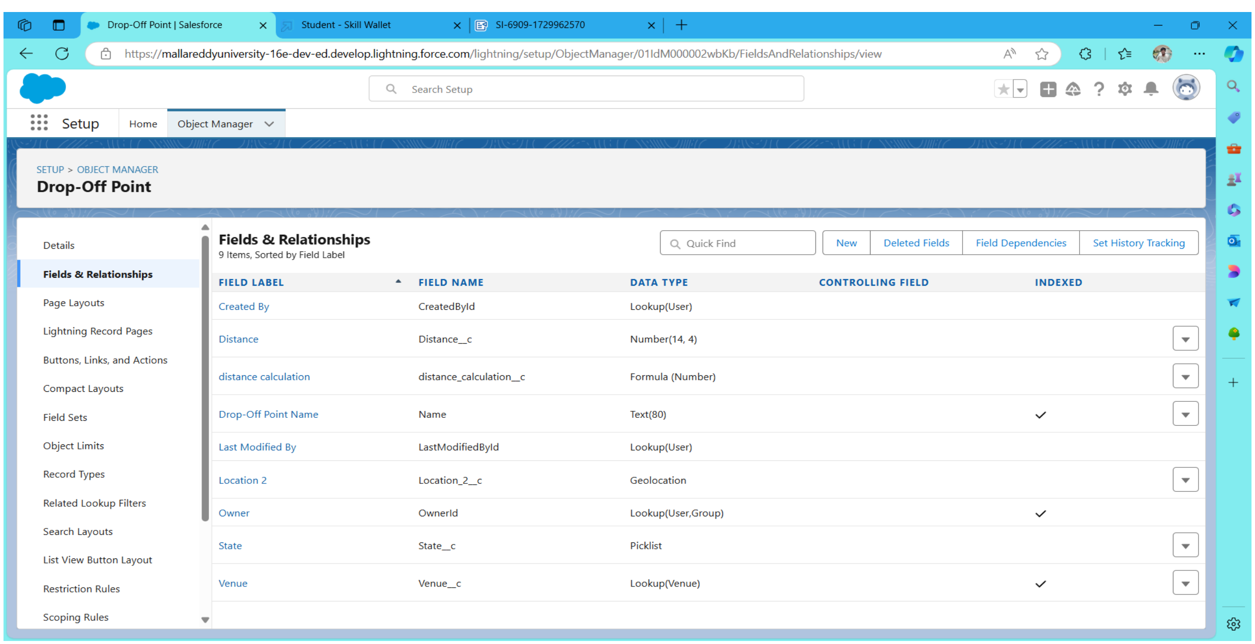
1. Go to setup >> click on Object Manager >> type object name(Drop-Off point) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Picklist” and Click on Next
4. Fill the Above as following:
   - Field Label : State
   - Field Name : State
   - 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:

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 "Number" and Click on Next
4. 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.



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:

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 “Picklist (Multi-Select)” and Click on Next
4. 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:

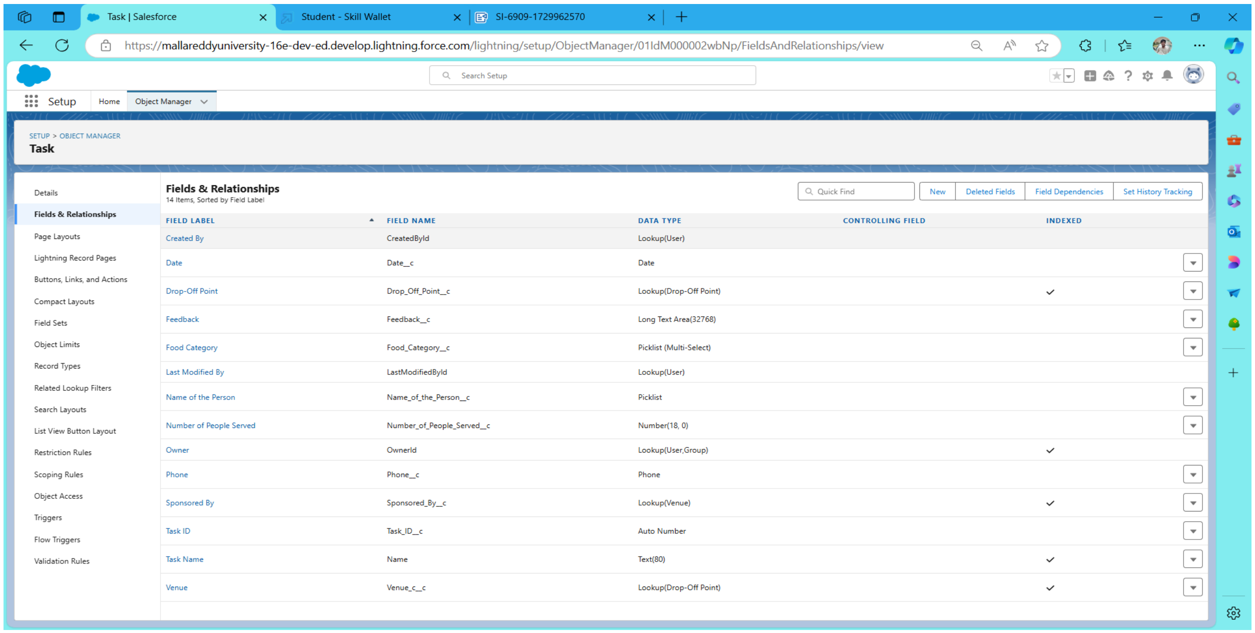
1. Go to setup >> click on Object Manager >> type object name(Task) in search bar >> click on the object.
2. Now click on “Fields & Relationships” >> New
3. Select Data type as a “Number” and Click on Next
4. Fill the Above as following:
   - Field Label : Number of People Served
   - Field Name : Number_of_People_Served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

To create another fields in an object:

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 “Text” and Click on Next
4. 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:

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 “Phone” and Click on Next
4. Fill the Above as following:
   - Field Label : Feedback
   - Field Name : Feedback
   - Click on Next >> Next >> Save and new



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:

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 “Date” and Click on Next
4. 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:

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 “Number” and Click on Next
4. 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:

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 “Email” and Click on Next
4. 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:

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 “Number” and Click on Next
4. Fill the Above as following:
   - Field Label : Contact Number
   - Field Name : Contact_Number

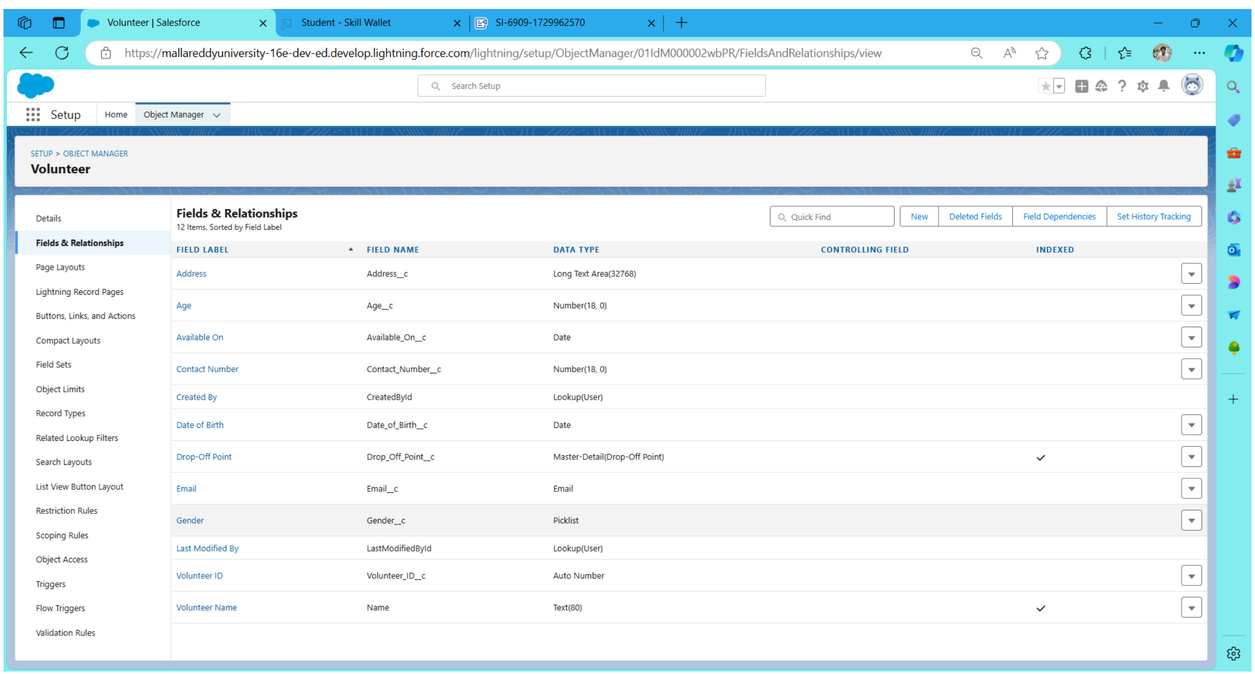
- Click on required check box
- Click on Next >> Next>> Save and new.

To create another fields in an object:

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 “Text Area (Long)” and Click on Next
4. Fill the Above as following:
   - Field Label : Address
   - Field Name : Address
   - Click on Next >> Next >> Save and new.

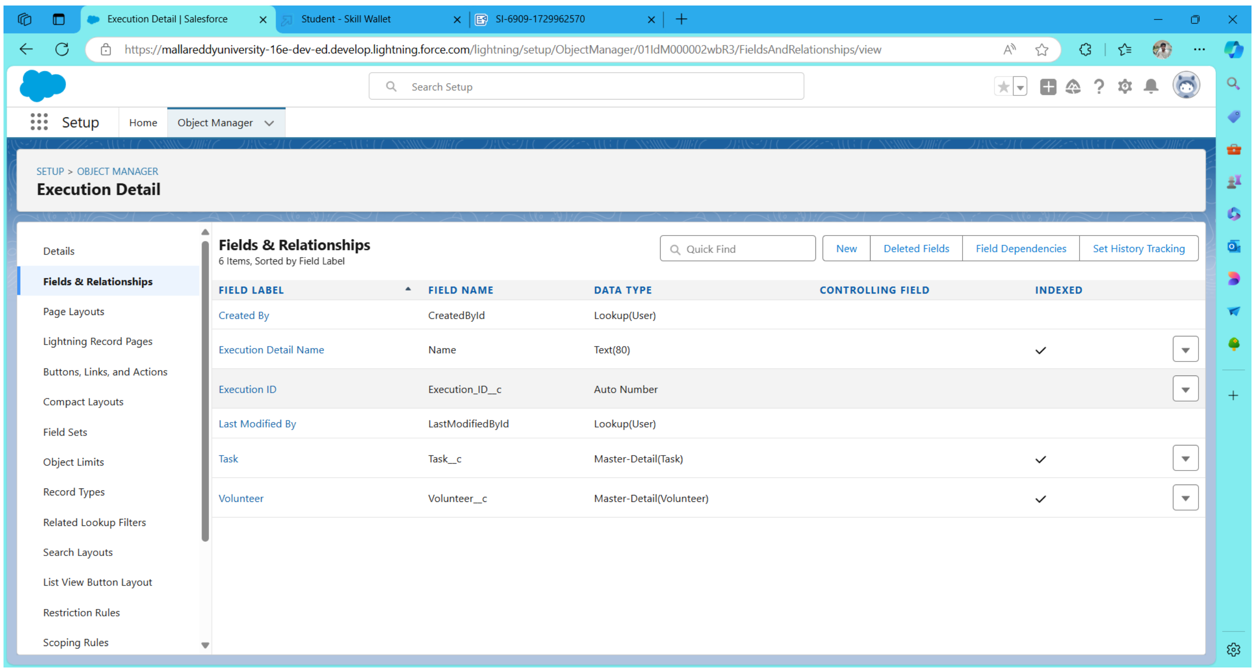
To create another fields in an object:

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 “Date” and Click on Next
4. Fill the Above as following:
   - Field Label : Date of Birth
   - Field Name : Date_of_Birth
   - Click on Next >> Next >> Save and new.



Creation of fields for the Execution Details object

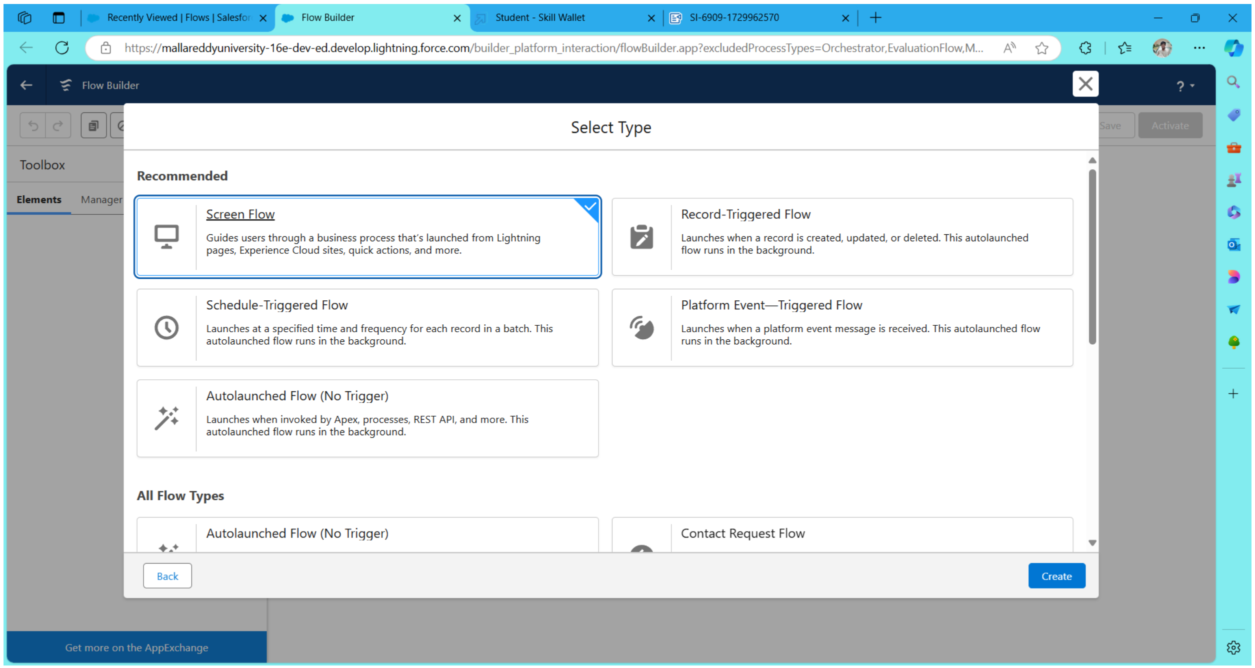
1. Go to setup >> click on Object Manager >> type object name(Volunteer) in search bar >> click on the object.
2. Now click on "Fields & Relationships" >> New
3. Select Data type as a "Auto Number" and Click on Next
4. Fill the Above as following:
   - Field Label : Execution ID
   - Field Name : gets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



TASK 6: FLOWS

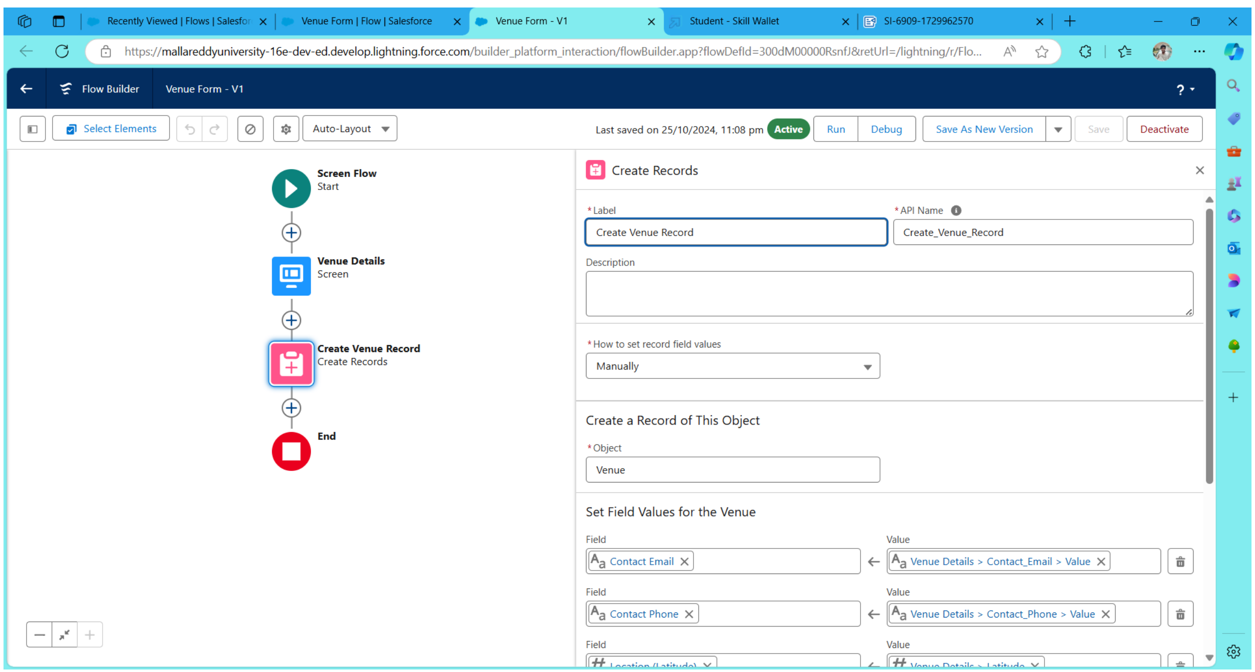
Create Flow to create a record in Venue object:

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}
14. This would look like:

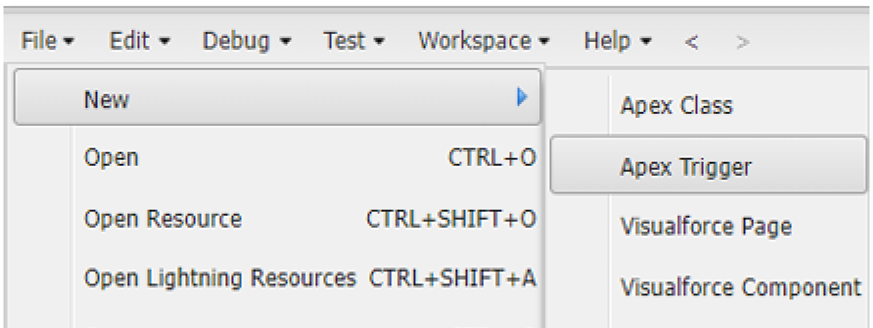


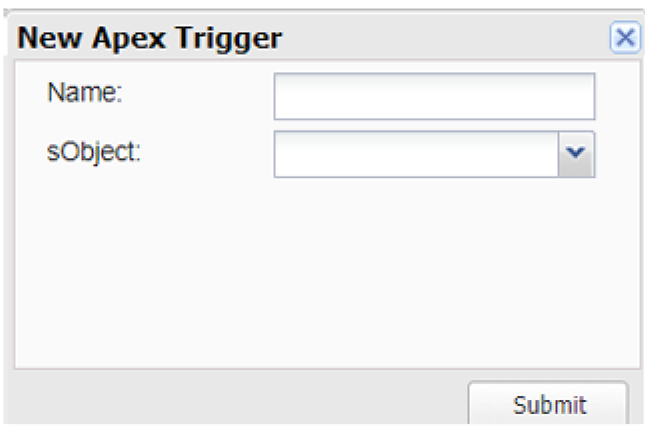
15. Click on Save as:
    Flow Label : Venue Form
    Flow API Name : Venue_Form

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.



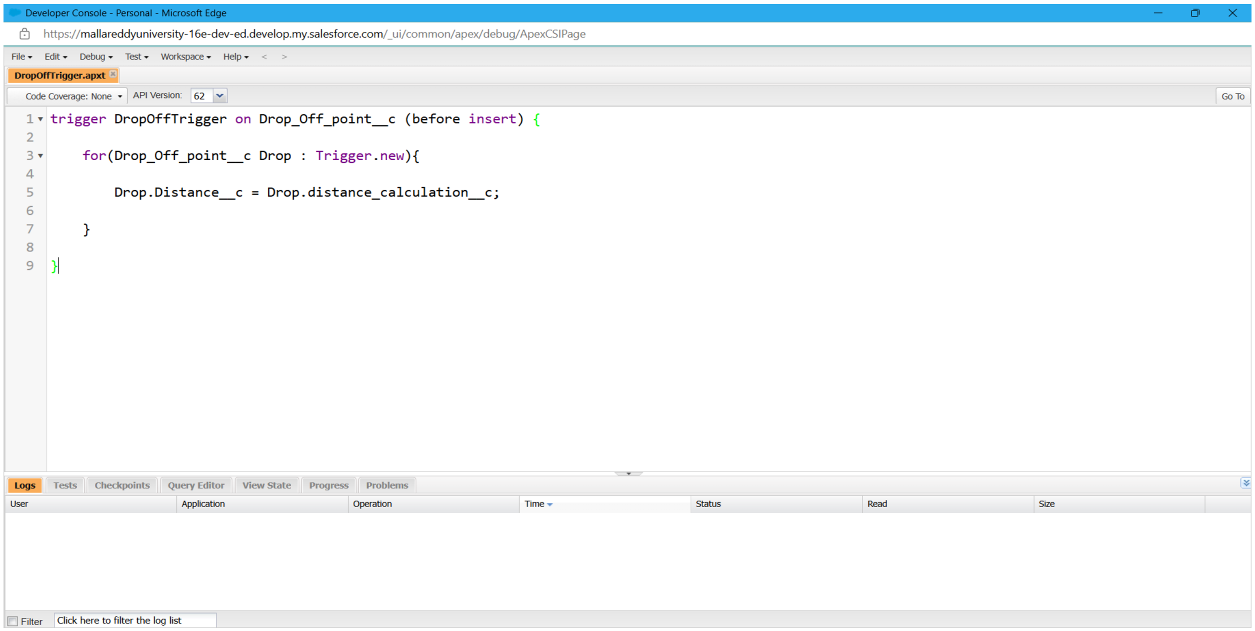


5. Enter Name : DropOffTrigger
   sObject: Drop-Off Point

6. Click on Submit.

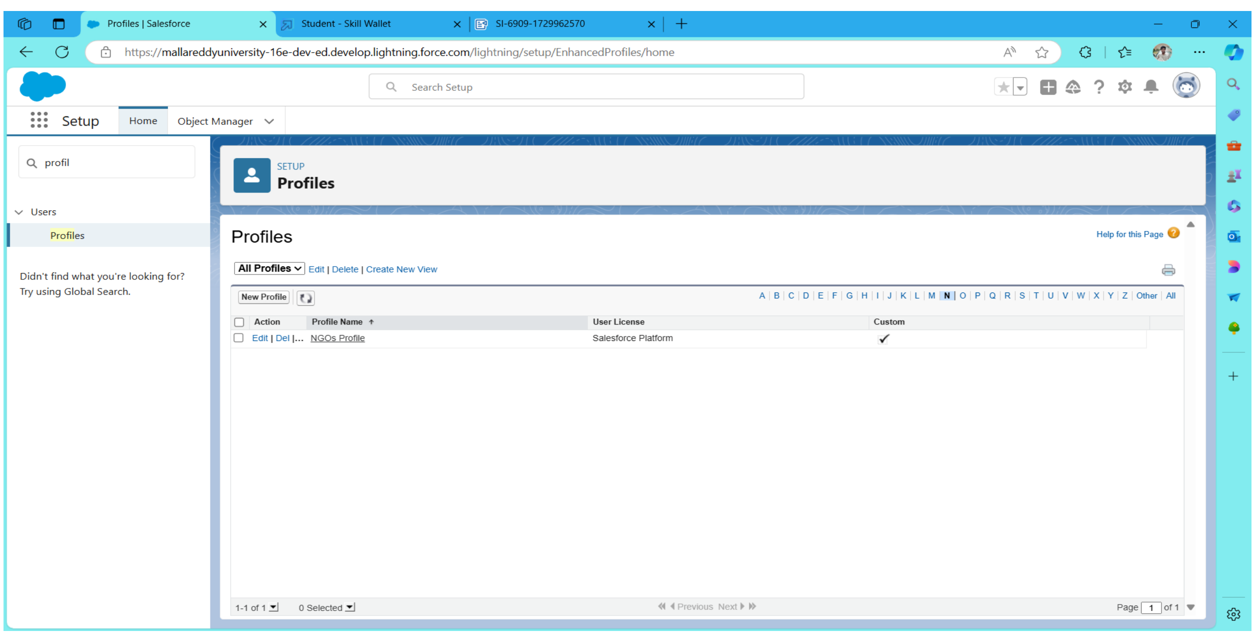
Trigger Code:

```
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

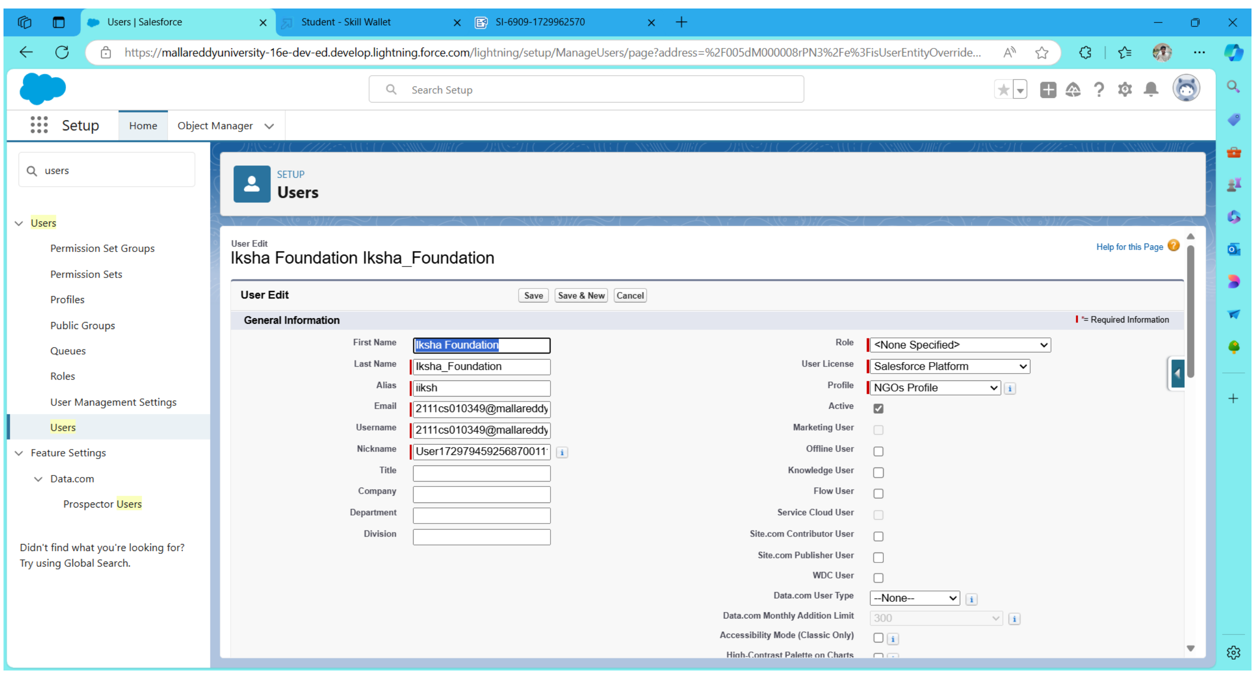


TASK 9 : Creation of Users

In our Project we consider them as NGO's

Creation of User1

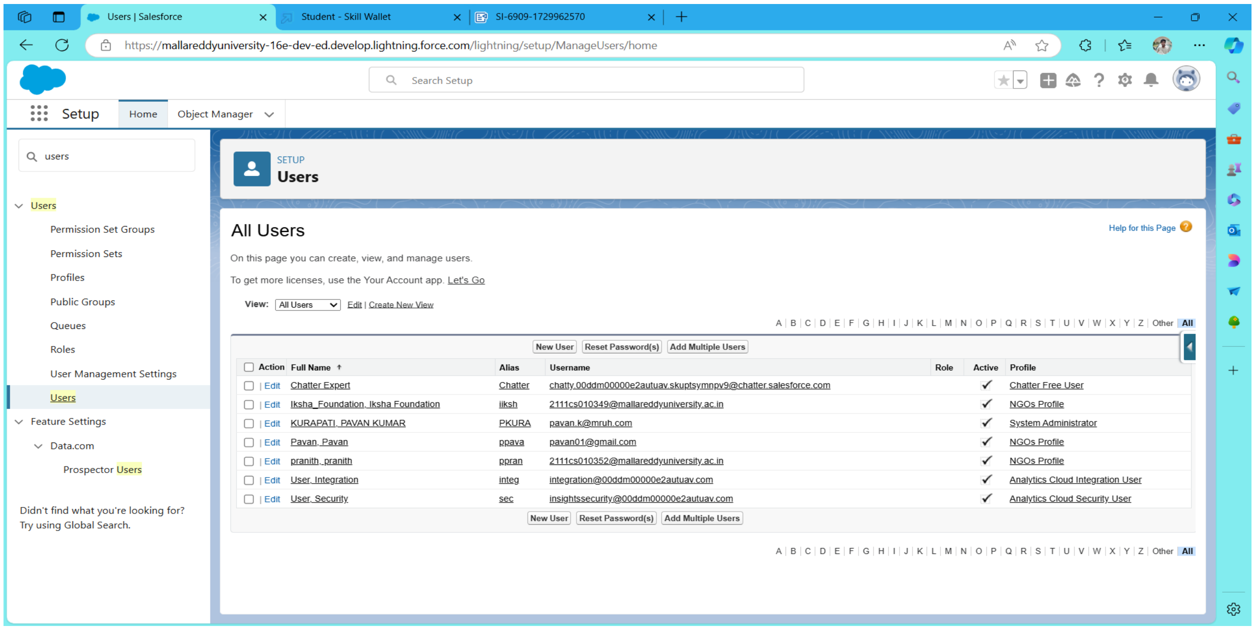
1. Go to setup page >> type users in Quick Find bar >> click on users>> New user.
2. In General Information give details as: (Note : create users as per your wish NGO's)
   First Name : Iksha Foundation
   Last Name : Iksha_Foundation
   Alias : iiksh
   Email : Give Your Email
   Username : ikshafoundation@sb.com (give the username different)
   Nickname : Auto Populated
   User License : Salesforce Platform
   Profile : NGOs Profile
   Active : Check



3. Click on Save.

Creation of User2, User3:

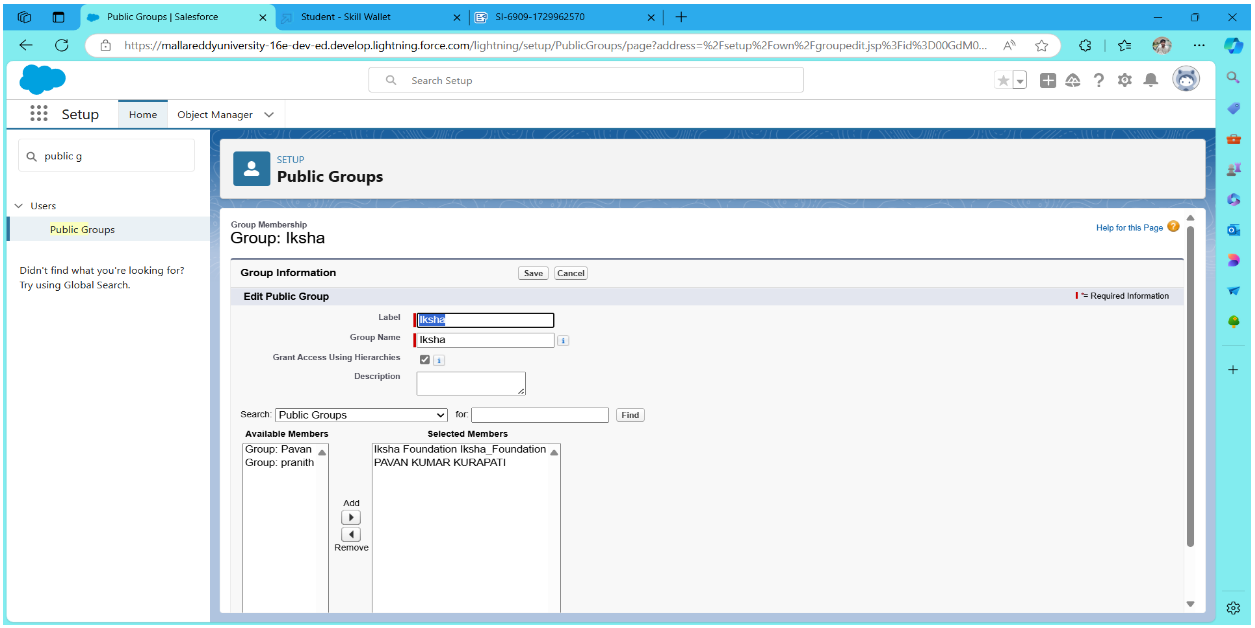
Create another Two Users by following steps in Activity - 1 with similar User License and Profile. Give Different First Name, Last Name based on Different NGO's.



TASK 10:Public Groups

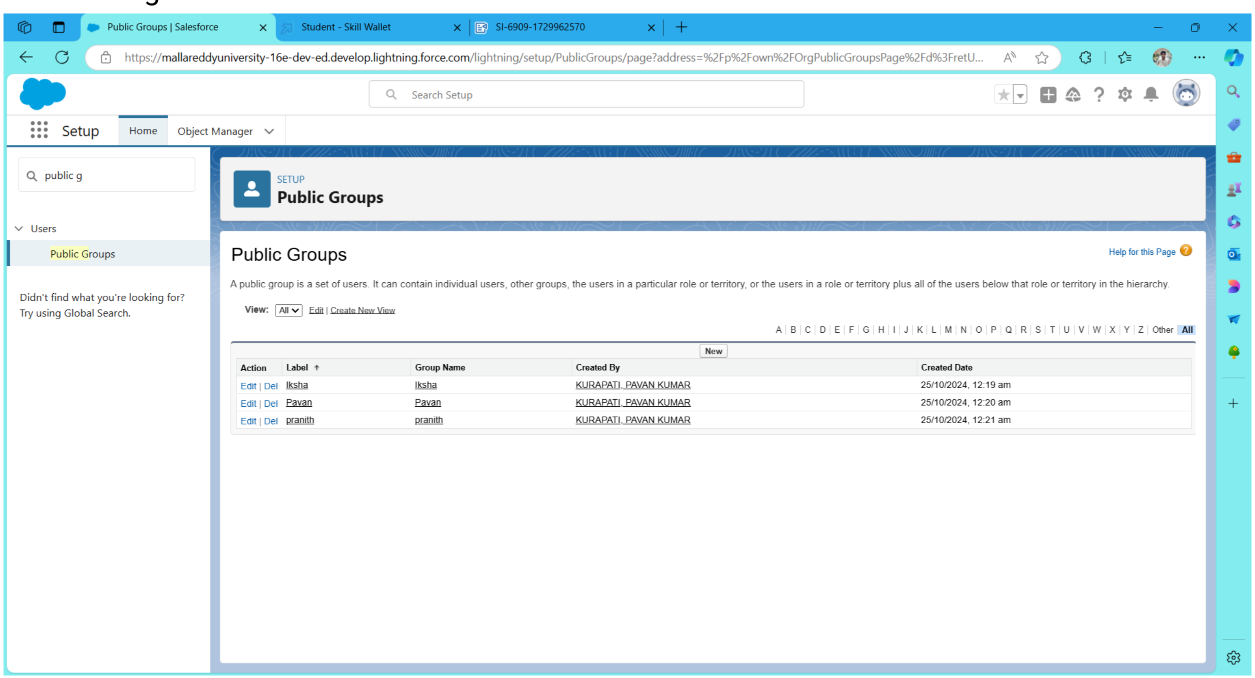
Creation of Public Group 1:

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



Creation of Public Group 2

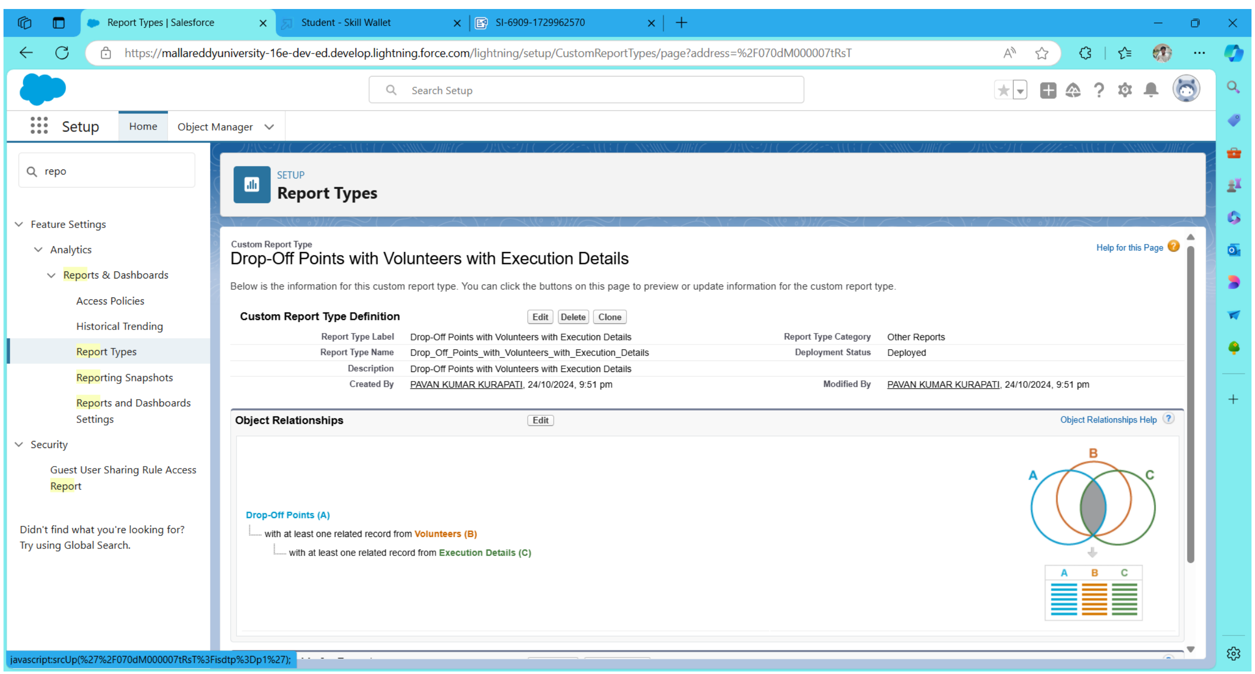
1. By Following Steps in Activity 1, Create other two Public Groups for other two users.
2. After Saving this would look like this



TASK 11: Report Types

Creation of Report Types

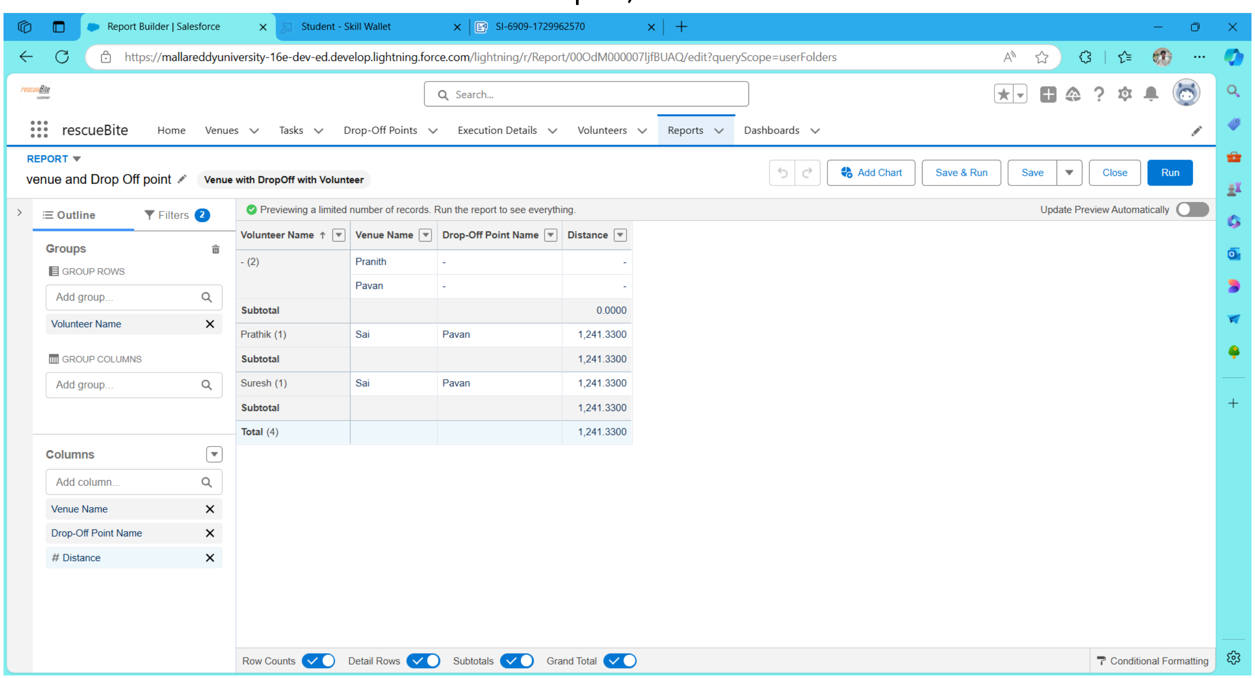
1. Go to setup page >> type Report Types in Quick Find bar >> click on Report Types >> click on Continue >> Click on New Custom Report Type.
2. In Define the Custom Report Type:
   Primary Object : Select Venues
   Report Type Label : Venue with DropOff with Volunteer
   Report Type Name : Venue_with_DropOff_with_Volunteer
   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

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.

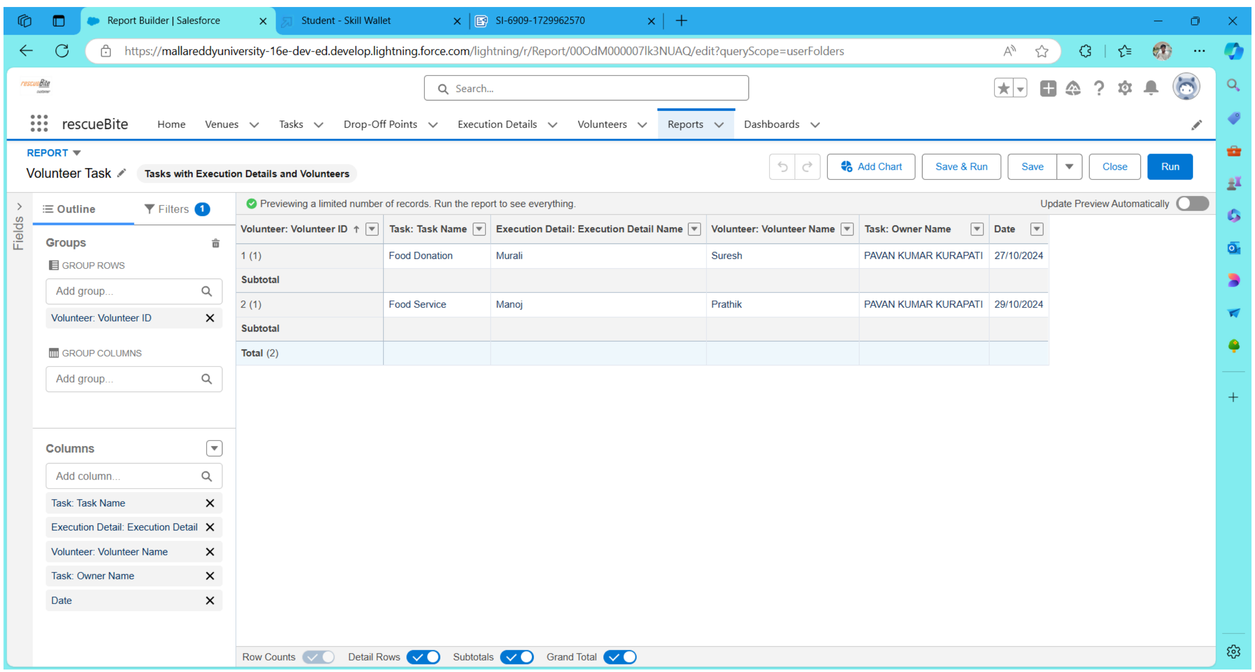


Creation of Report on Volunteers with Execution Details and Tasks

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



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.

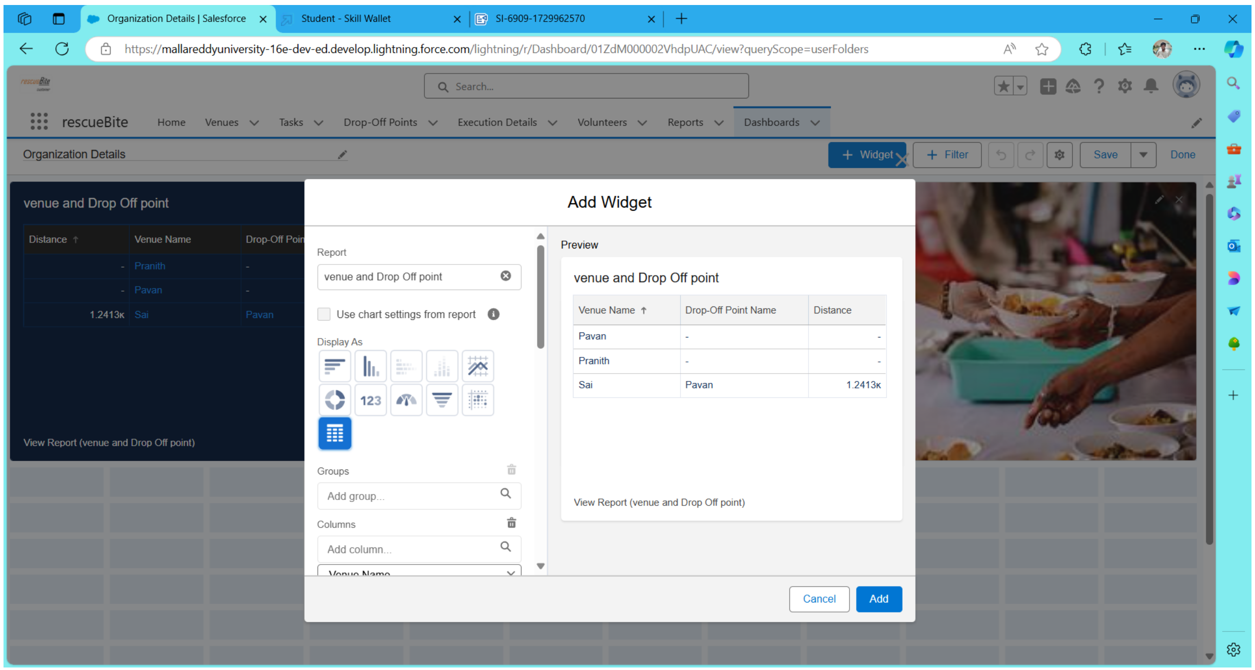
    Folder Label : Custom Dashboards

    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)



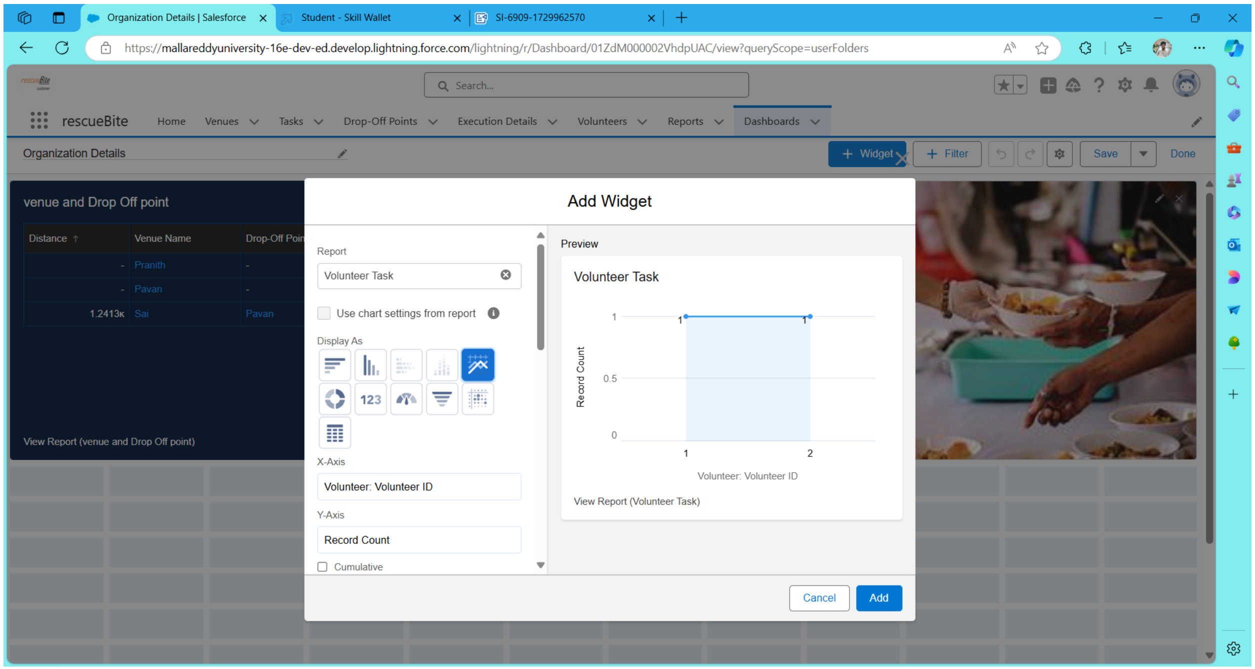
Now click on save.

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)



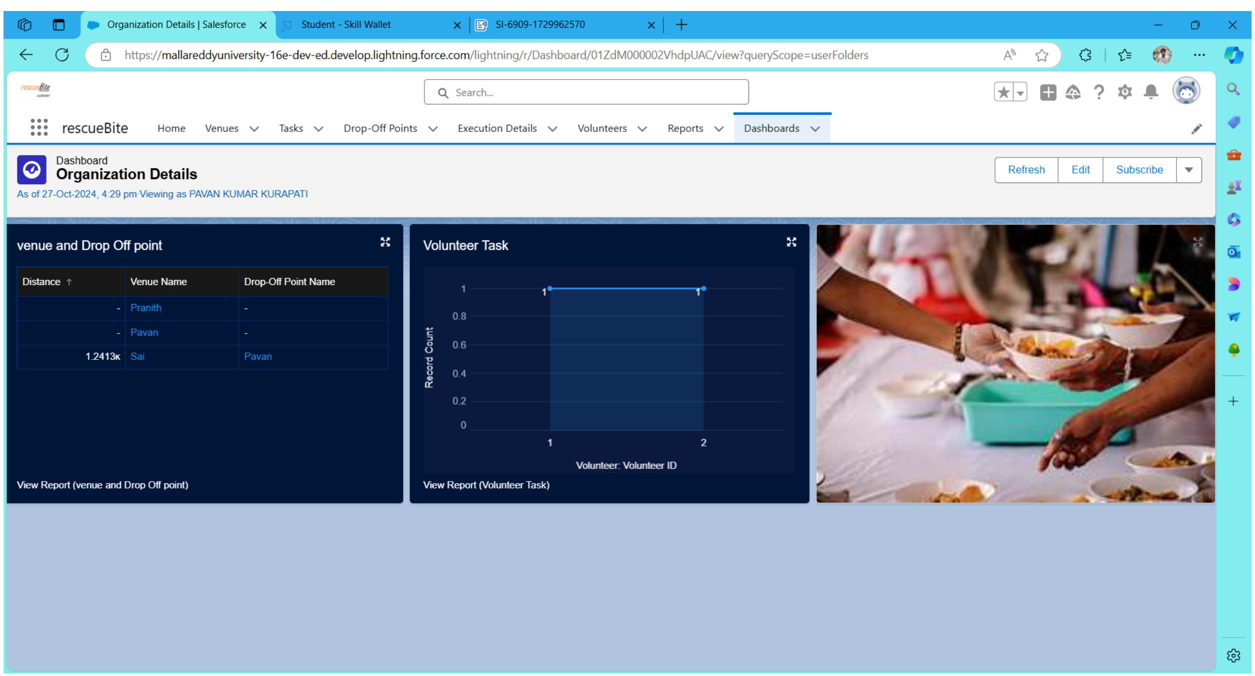
Now click on save.

Adding a Picture to the Dashboard (Optional):

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

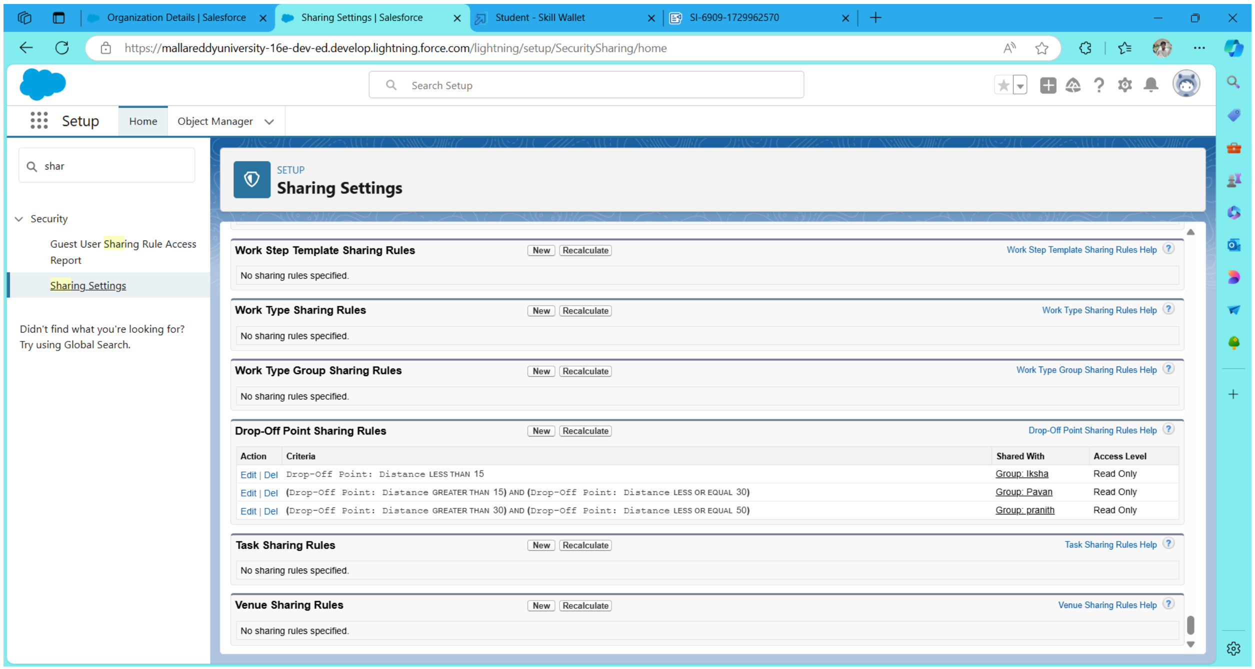
   Click on Select Folder and select Custom Dashboards
4. Click on Select Folder and then Save



TASK 14: Sharing Rules

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. lick 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.

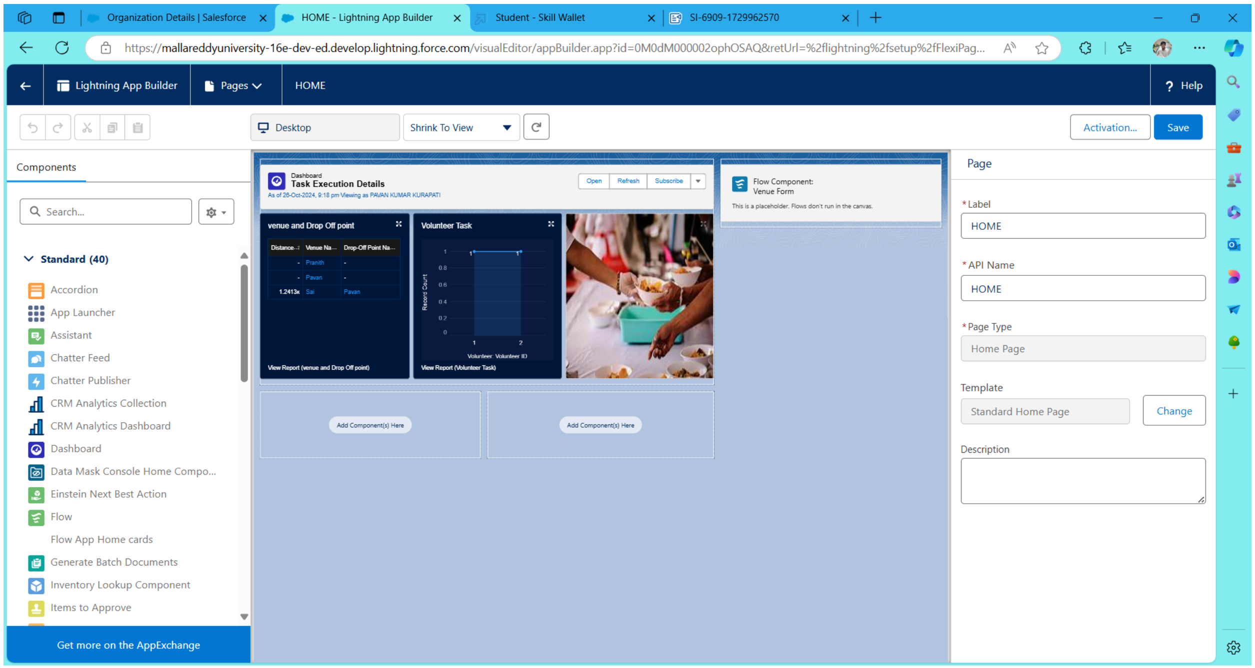


TASK 15:Home Page

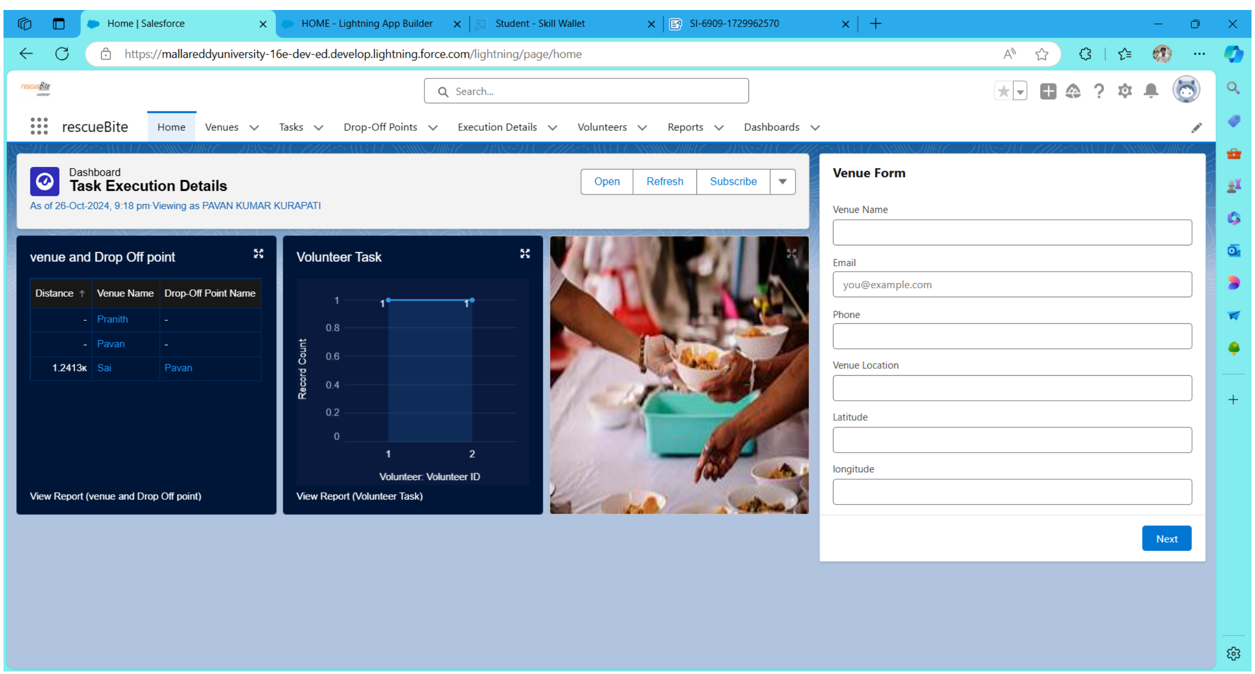
Creation of Home Page

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. 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

The **RescueBite** project is a vital initiative aimed at reducing food waste and combating hunger by connecting food donors with those in need. By leveraging a user-friendly platform built on Salesforce, we streamline the donation and distribution process, ensuring that surplus food reaches vulnerable individuals and families.

Our commitment to transparency and impact measurement allows us to continuously improve our operations. The success of RescueBite relies on active participation from community members, businesses, and organizations, fostering a culture of compassion and sustainability.

In essence, RescueBite is a movement towards a more equitable food system, where no food goes to waste and everyone has access to the nourishment they need. Together, we can create lasting change and support our communities effectively.