

Naan Mudhalvan Salesforce  
Developer (Course)  
Assignment no 1

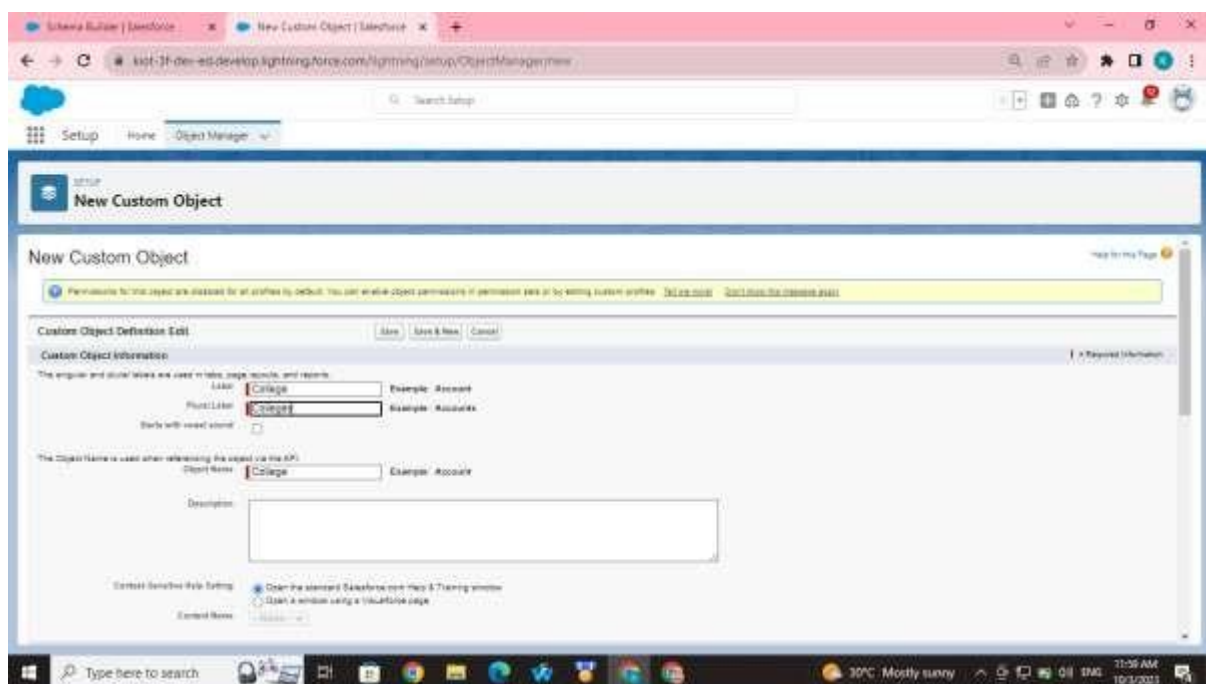
Name :Nandhini Venkatesan  
Naan Mudhalvan id : au611220205020  
Year & Dep : 4<sup>th</sup> year & IT  
Batch : 2024  
Zone no : Zone 8

1. Create a Master-Detail Relationship between two Custom objects and also create a Roll Up Summary Field to Calculate total number of records.

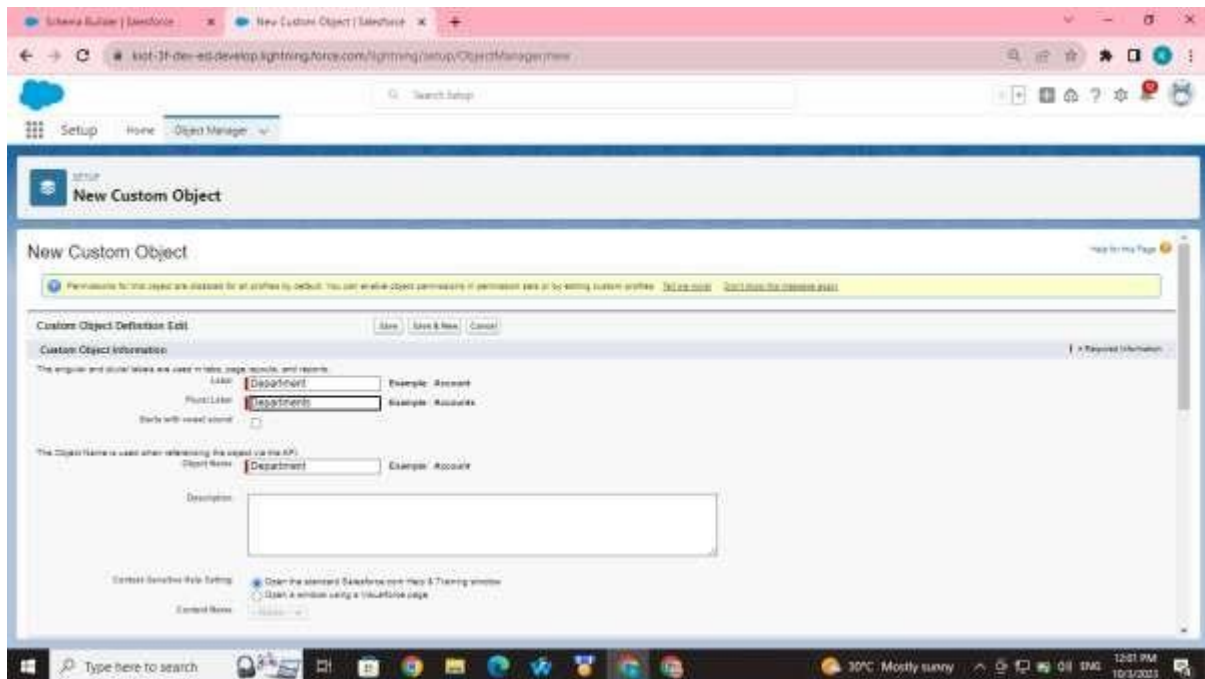
Solution:

Step 1: Create Custom Objects

Assuming you have two custom objects, let's call them "College" and "Department". If you haven't already created these objects, you can do so by going to Setup > Object Manager > Create > Custom Object.



Second custom objects, let's call them  
"Department"

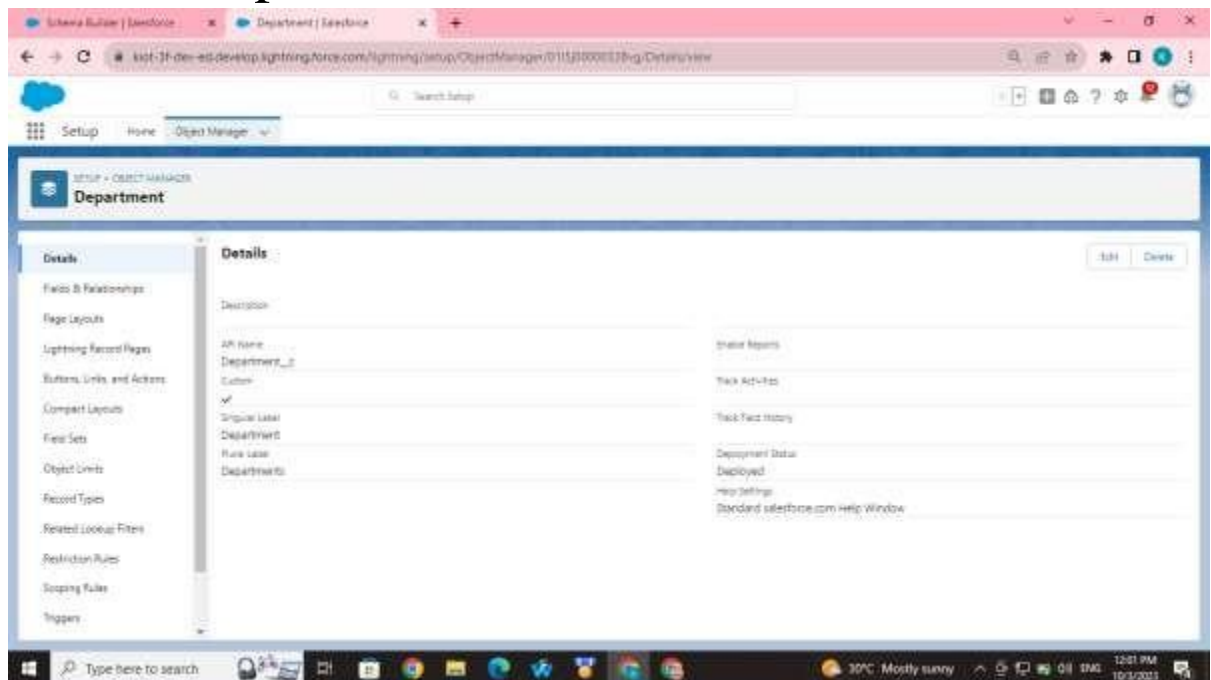


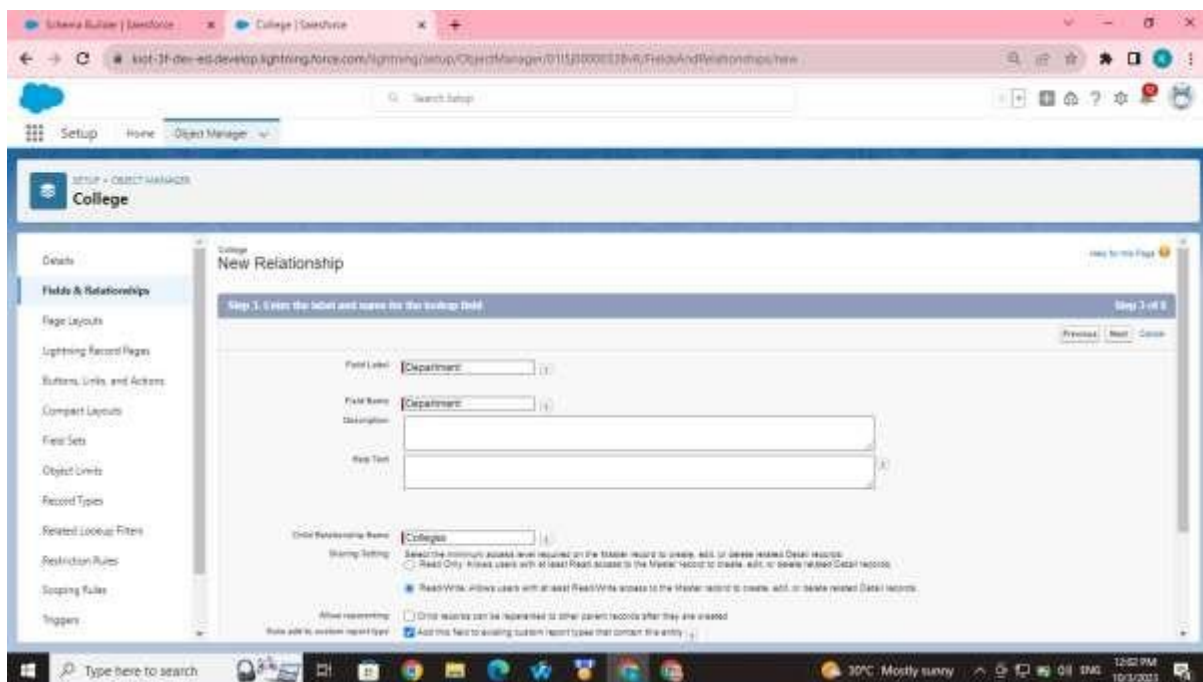
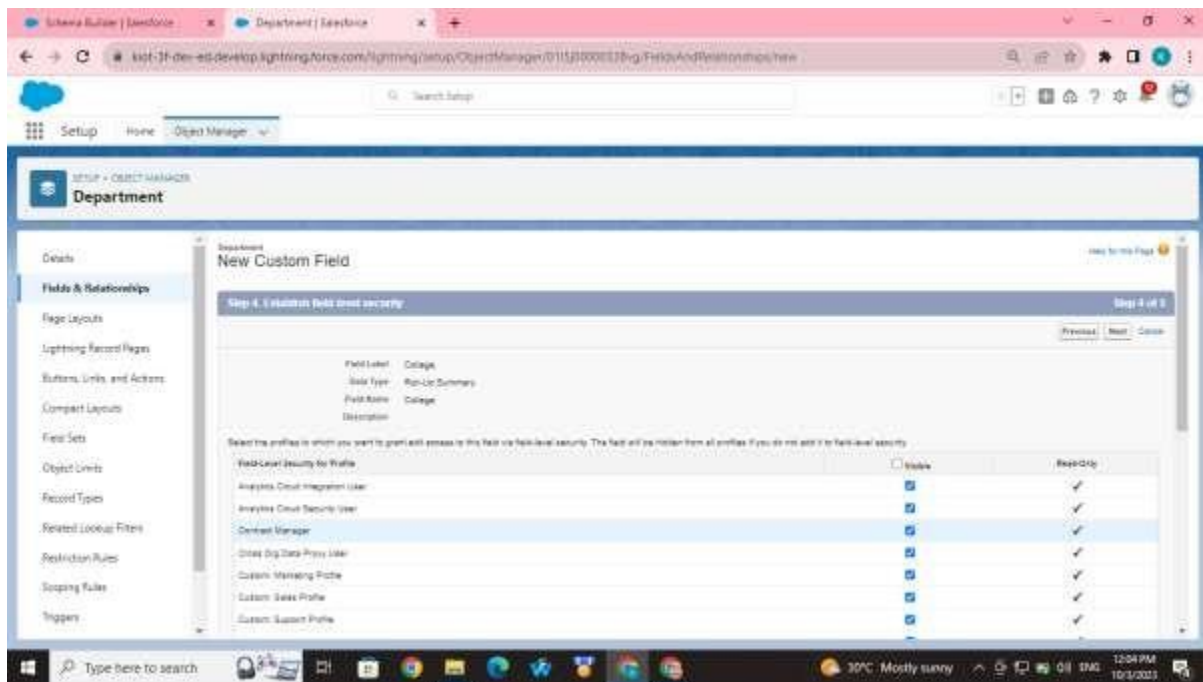
## Step 2: Create a Master-Detail Relationship

To create a Master-Detail relationship between these two custom objects, follow these steps:

1. Go to Setup > Object Manager.
2. Click on "College" to open its settings.
3. In the left sidebar, click on "Fields & Relationships."
4. Click the "New" button to create a new custom field.
5. Choose "Master-Detail Relationship" as the data type.

6. Enter a label for the relationship, e.g.,  
"Department."
7. Choose " Department " as the related object.
8. Configure other settings as needed and click  
"Next."
9. Specify the field-level security and add it to  
relevant page layouts.
10. Click "Next" and "Save" to create the  
relationship.





## Step 3: Create the Roll-Up Summary Field

Now, let's create a Roll-Up Summary Field on the "College" to calculate the total number of related records in "Department":

- 1. Still on the "College" settings, go to "Fields & Relationships."**
- 2. Click the "New" button to create a new custom field.**
- 3. Choose "Roll-Up Summary" as the data type.**
- 4. Enter a label for the field, e.g.,**
- 5. Choose "Count" as the Roll-Up Type.**
- 6. Select " Department" as the object to roll up information from.**
- 7. Specify the filter criteria if you want to filter the related records.**
- 8. Configure other settings as needed and click "Next."**
- 9. Specify the field-level security and add it to relevant page layouts.**
- 10. Click "Next" and "Save" to create the Roll-Up Summary Field.**

Schema Builder | Salesforce

Department | Salesforce

last-3f-dee-ed-develop.lightning.force.com/lightning/setup/ObjectManager/011500000339vg:FieldsAndRelationships/view

Search Setup

Setup

Home

Object Manager

SETUP

OBJECT MANAGER

Department

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Restriction Rules

Scoping Rules

Triggers

Fields & Relationships

5 Items. Sorted by First Label.

Quick Test

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
College	College__c	Roll-Up Summary (COUNT College)		
Created By	CreatedBy	Lookup(User)		
Department Name	Name	Text(80)		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User Group)		

Type here to search

30°C Mostly sunny

12:25 PM 10/3/2023

Schema Builder | Salesforce

Tabs | Salesforce

last-3f-dee-ed-develop.lightning.force.com/lightning/setup/CustomTabs/page/address=/%2FobjectCustomTabWizard.jsp%3FretURL=%2F%2F%2F

Search Setup

Setup

Home

Object Manager

SETUP

Tabs

Quick Test

Setup Home

Service Setup Assistant

Multi-Factor Authentication Assistant

Hyperforce Assistant

Release Updates

Lightning Experience Transition Assistant

Salesforce Mobile App

Lightning Usage

Optimizer

ADMINISTRATION

Users

Data

Email

PLATFORM TOOLS

Subscription Management

Apps

Feature Settings

New Custom Object Tab

Help for this Page

Step 1 of 3

Step 1: Enter the Details

Choose the custom object for this new custom tab. Fill in other details.

Select an existing custom object or [create a new custom object here](#).

Object: book

Tab Style: Standard

(Optional) Choose a Home Page Custom Link to show as a splash page the first time you users visit on this tab.

Select Page Custom Link: Home

Enter a short description.

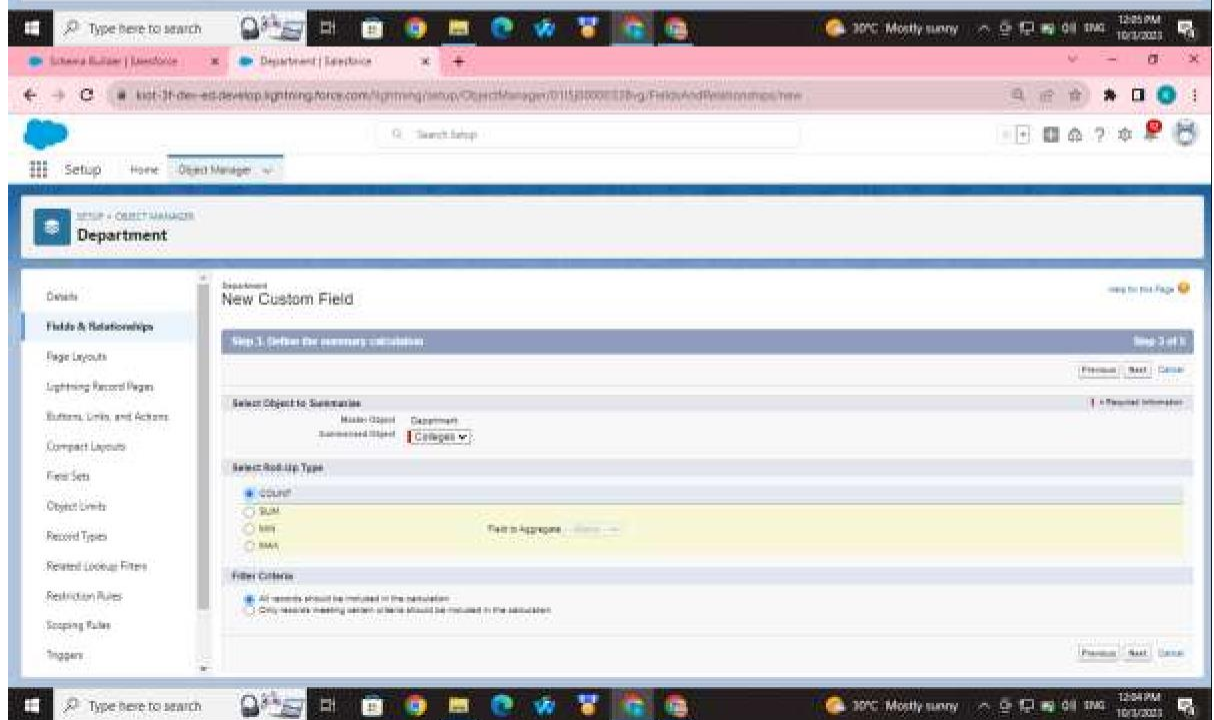
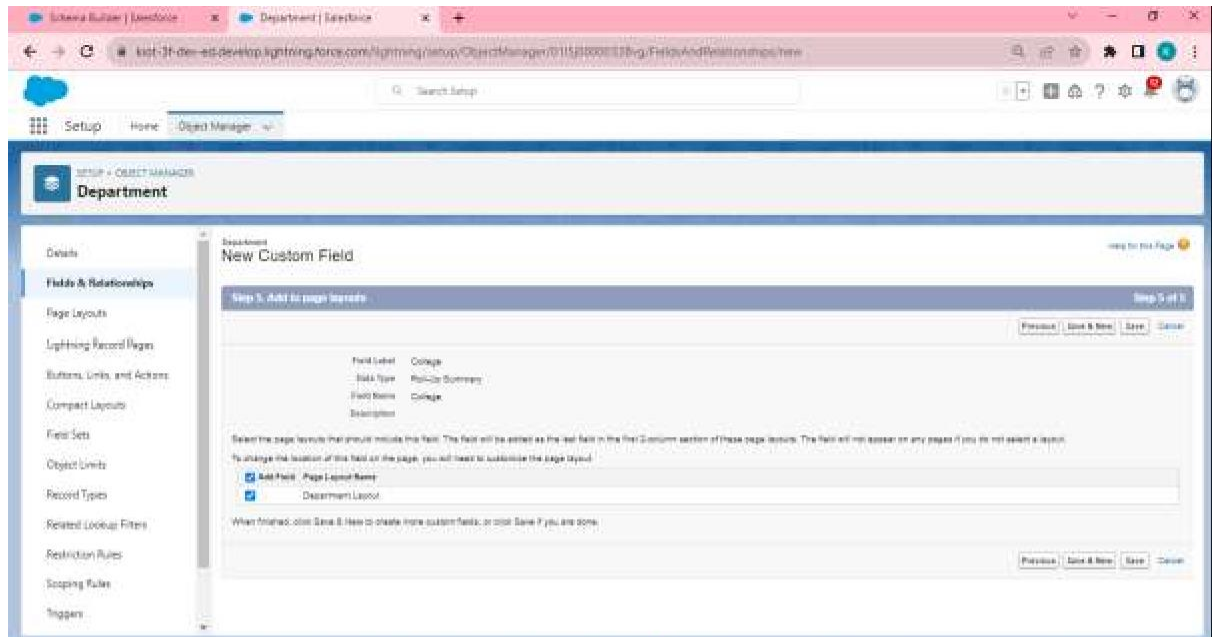
Description:

Save Cancel

Type here to search

30°C Mostly sunny

12:26 PM 10/3/2023

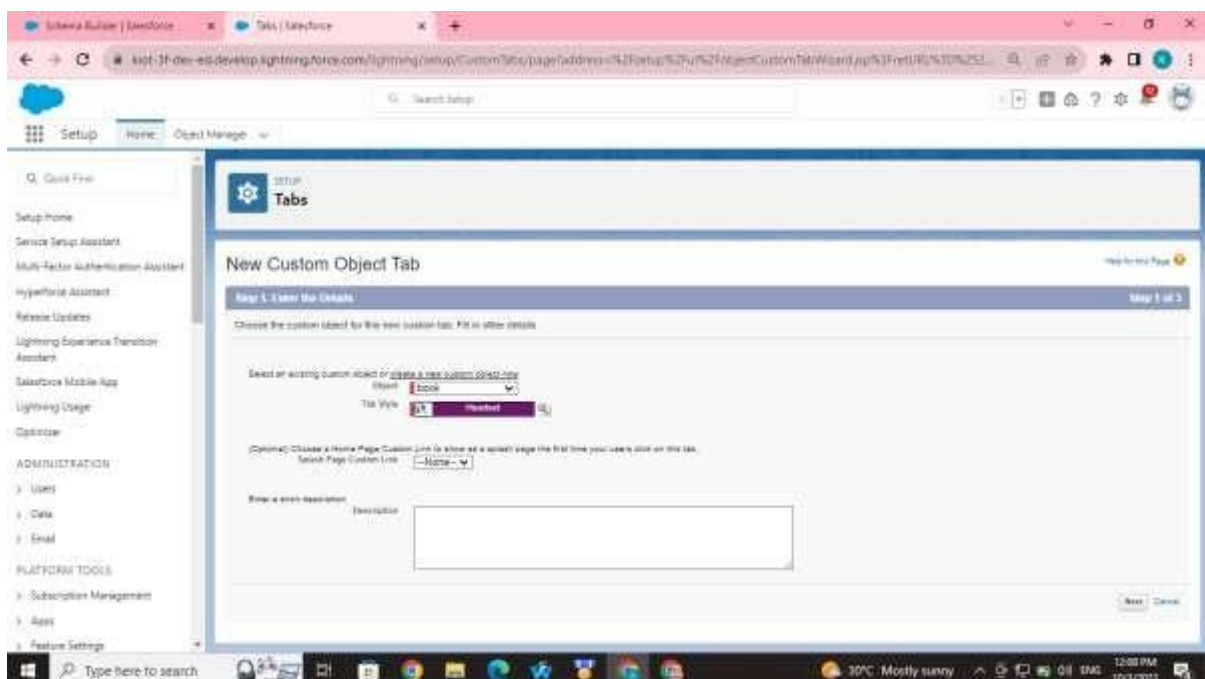
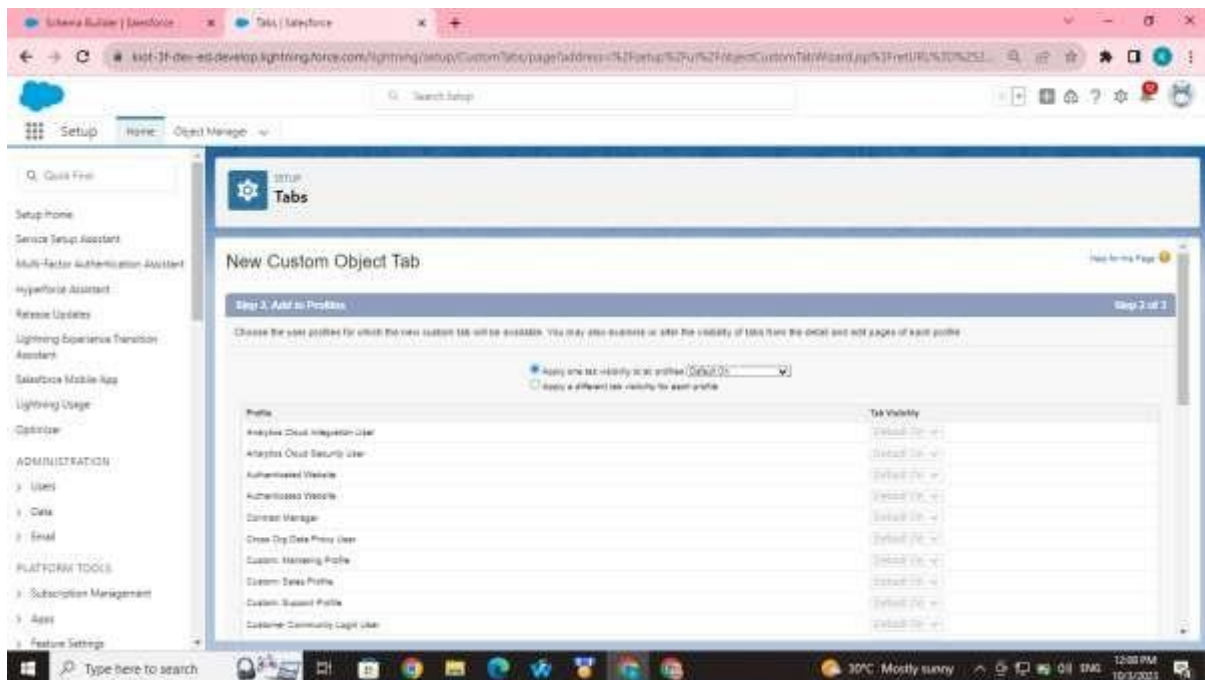


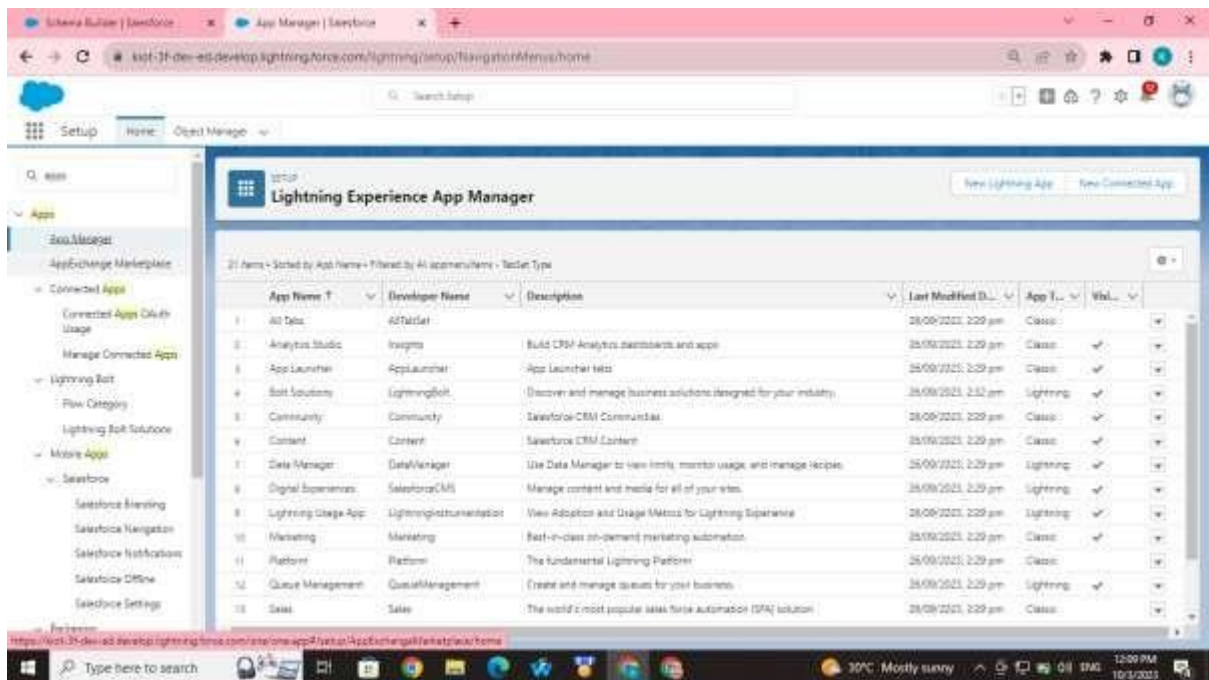
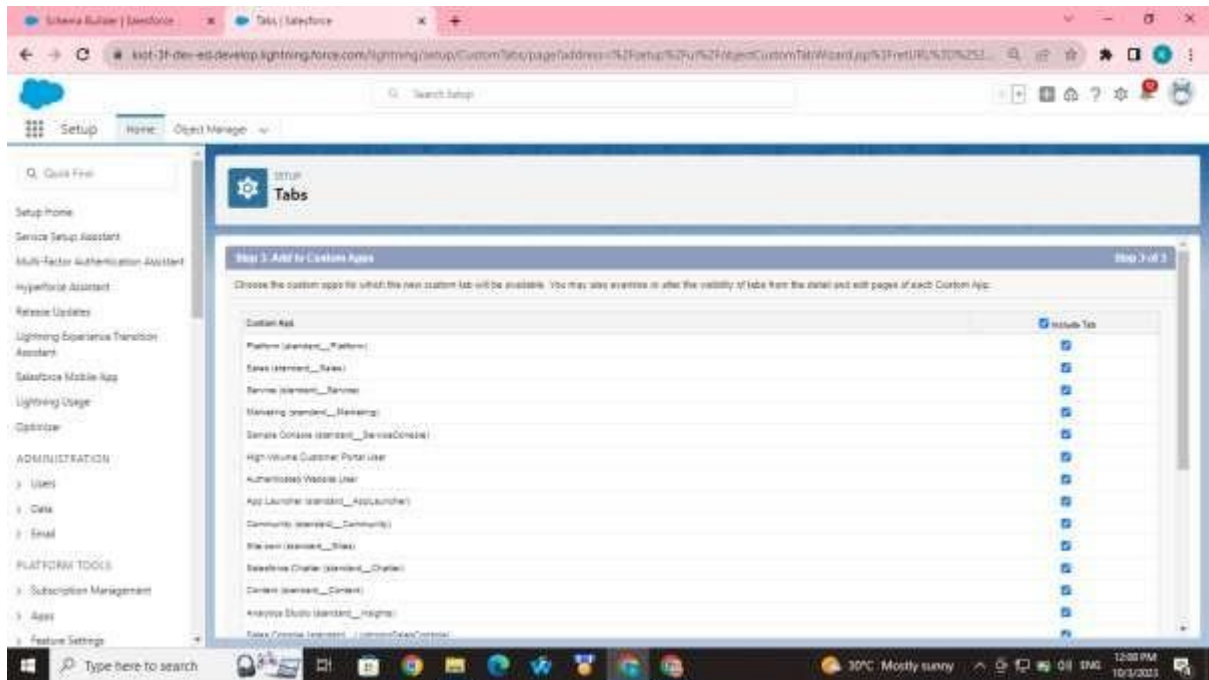


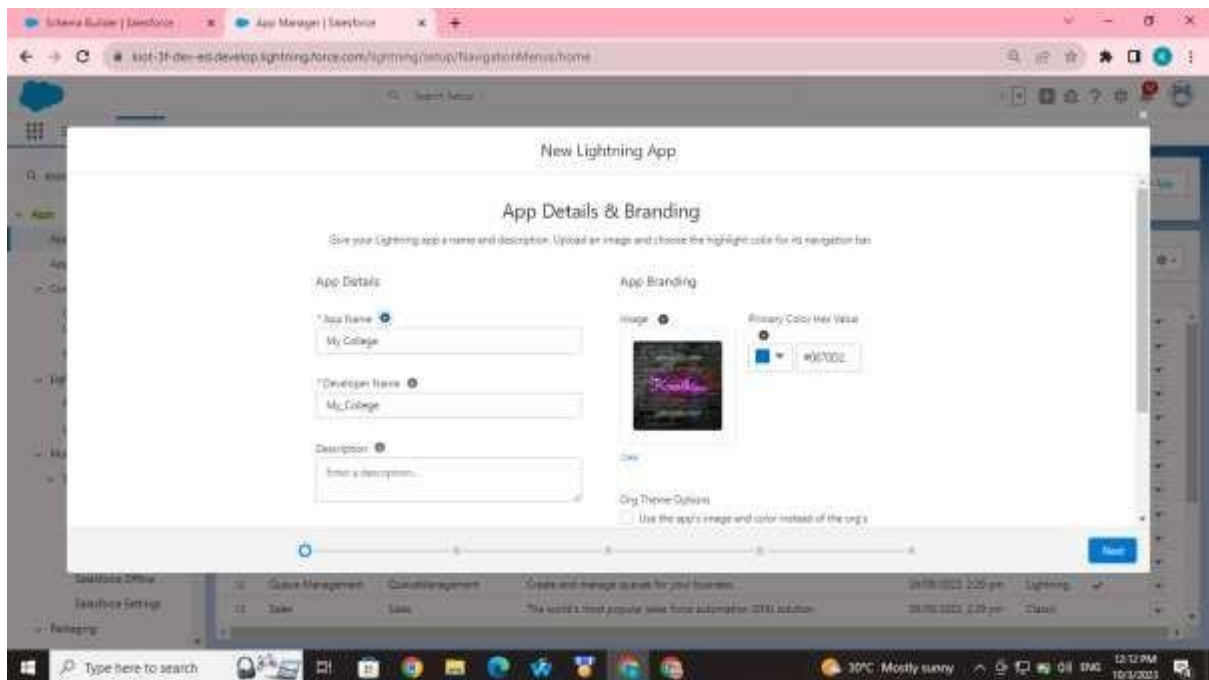
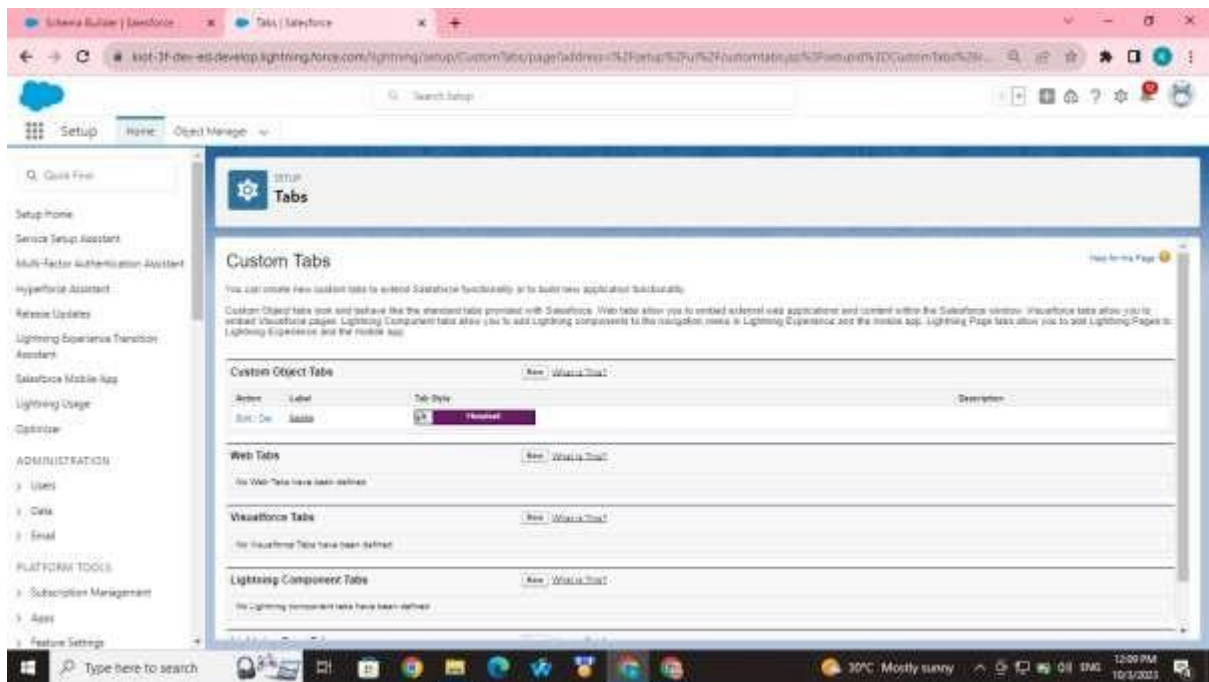


10. Assign the app to users or profiles.

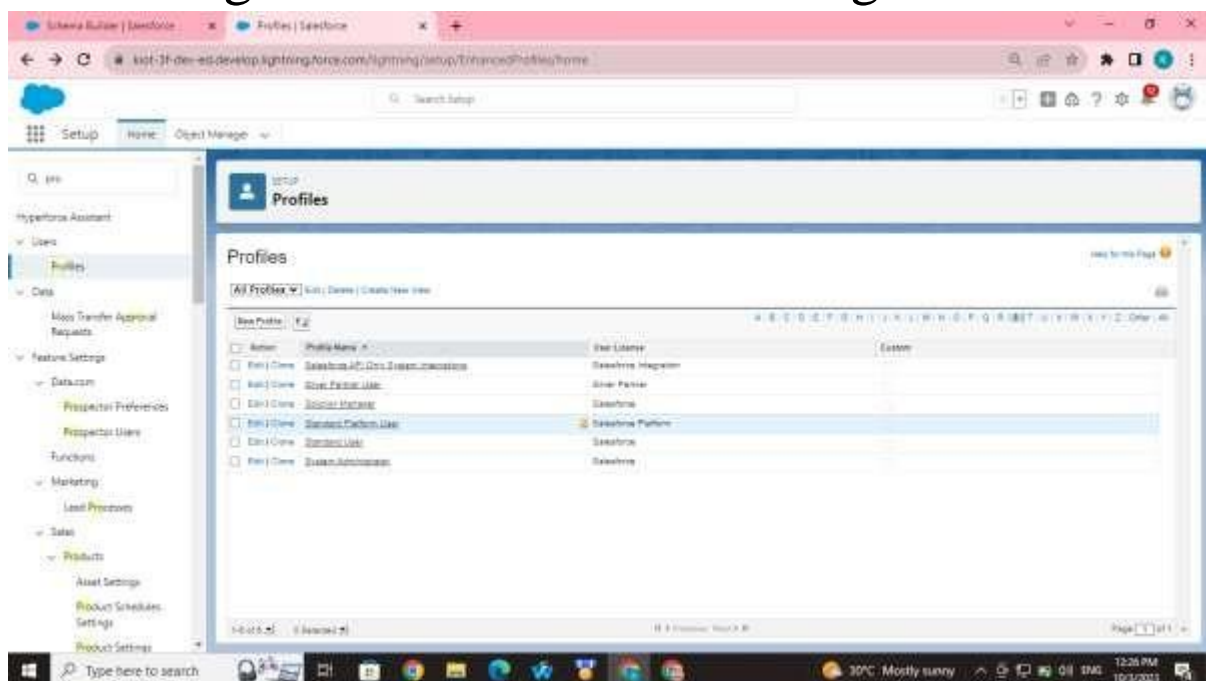
11. Test the app with the assigned users.



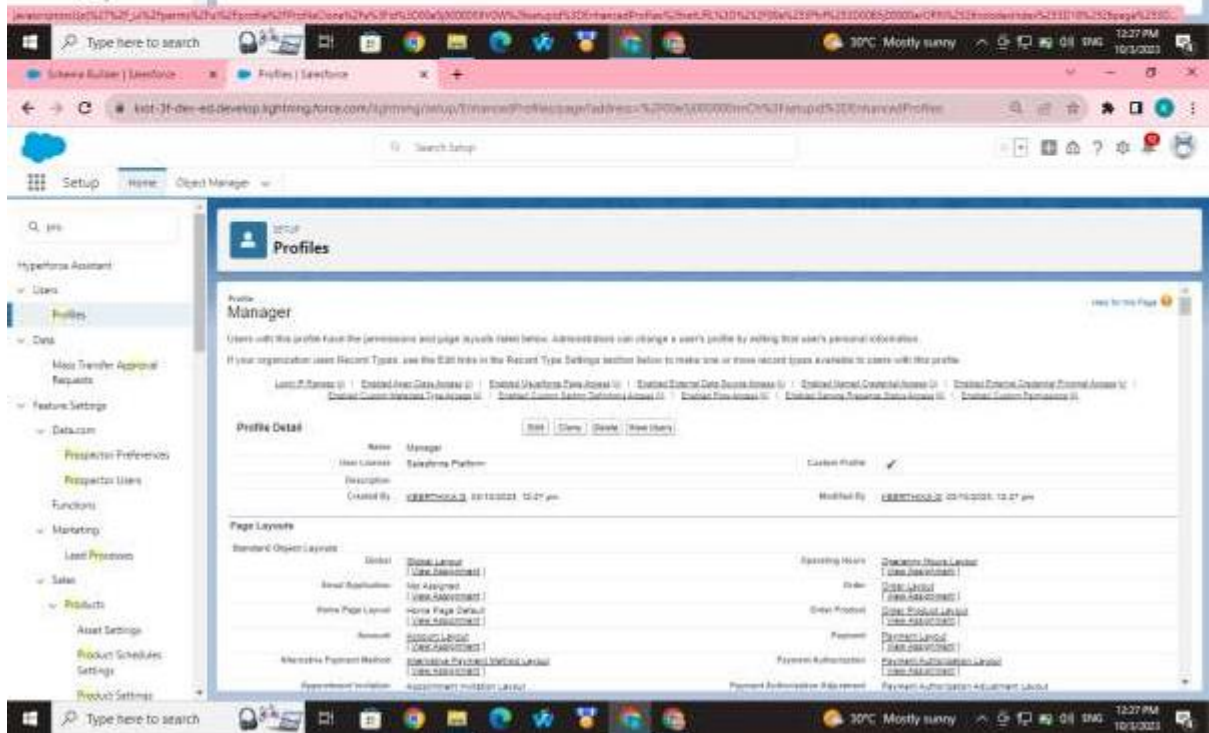
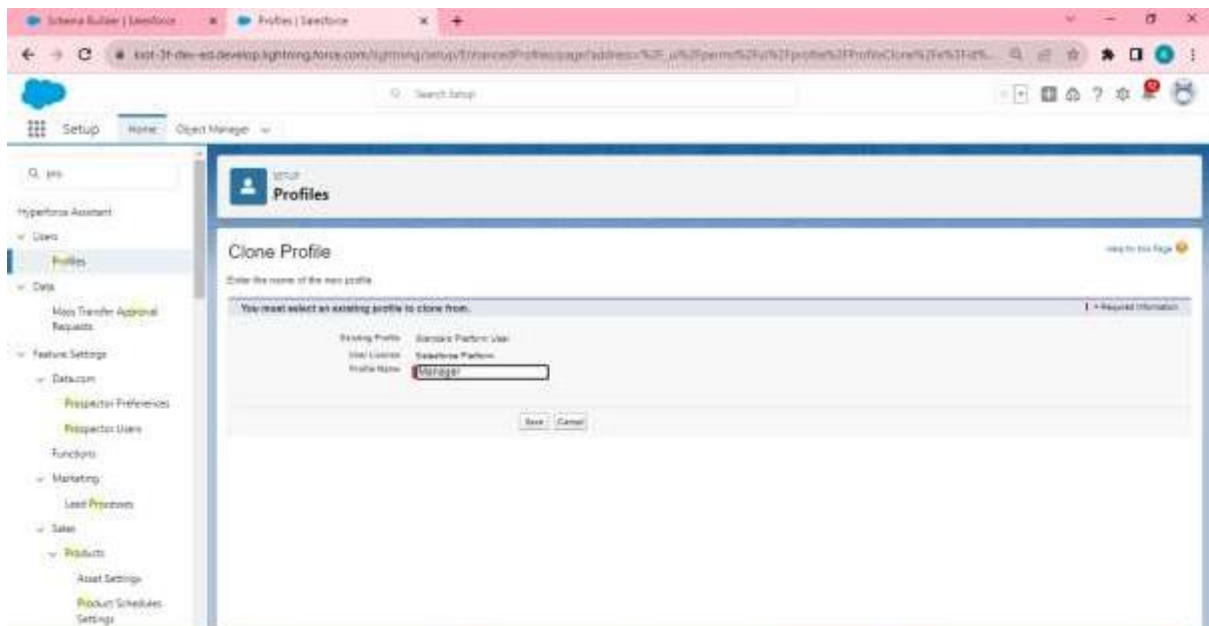




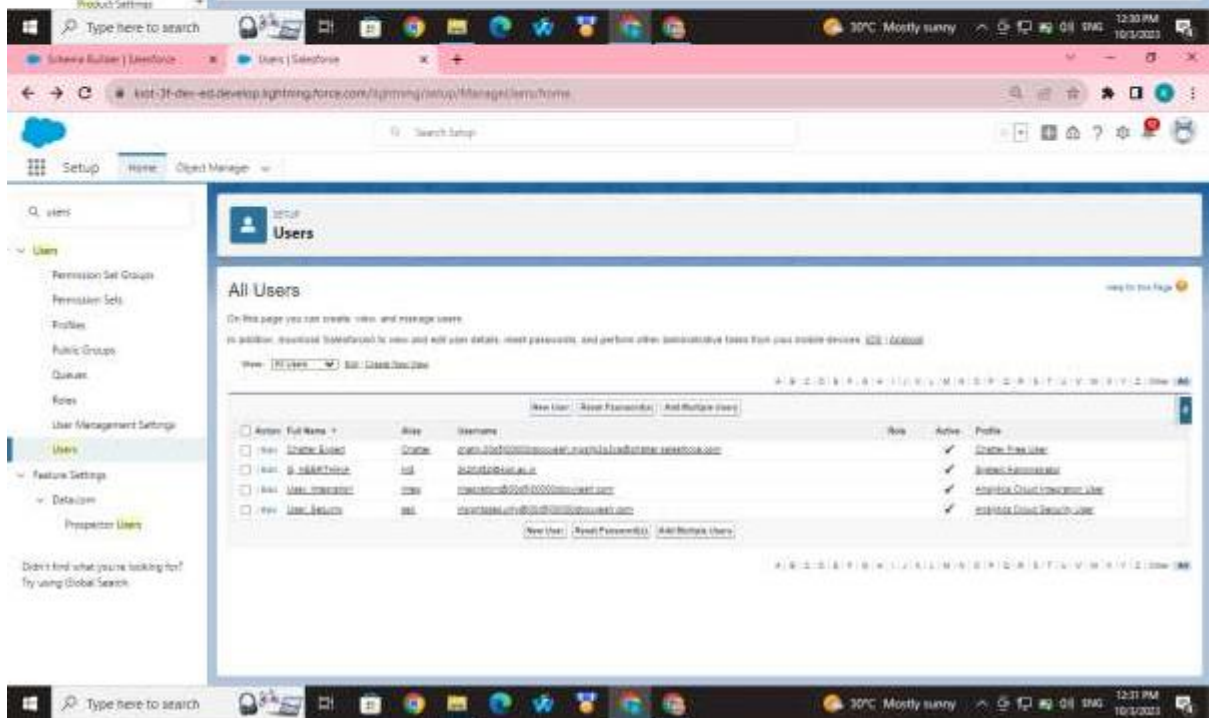
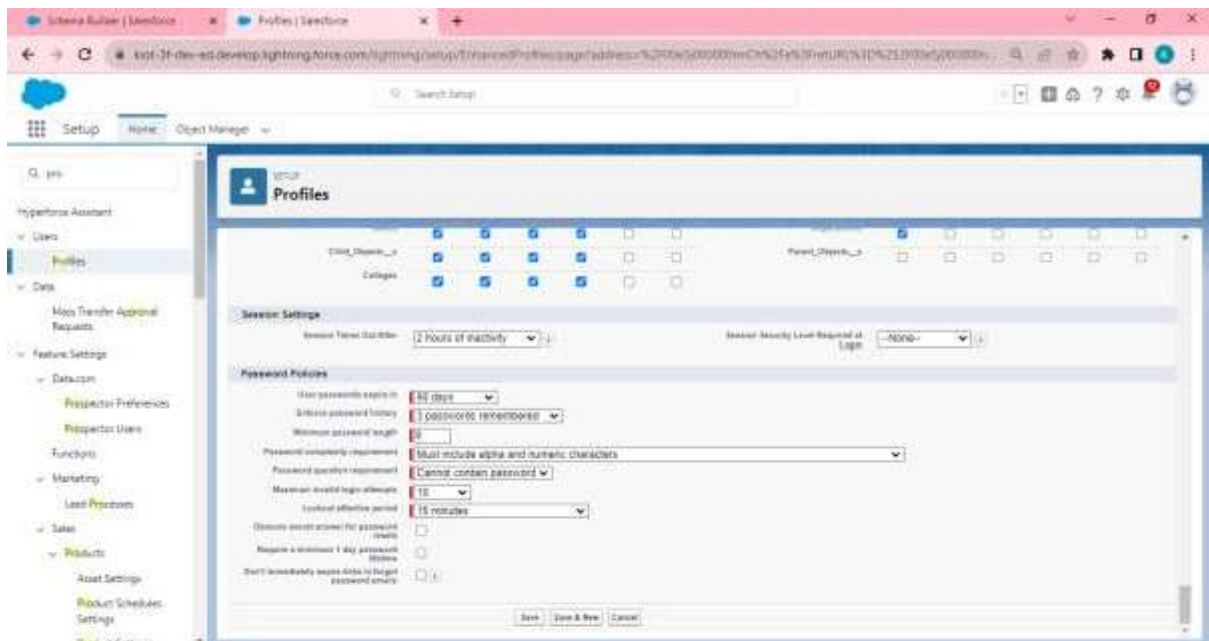
Step 1: Create two separate custom profiles, one for Manager and one for sales manager.



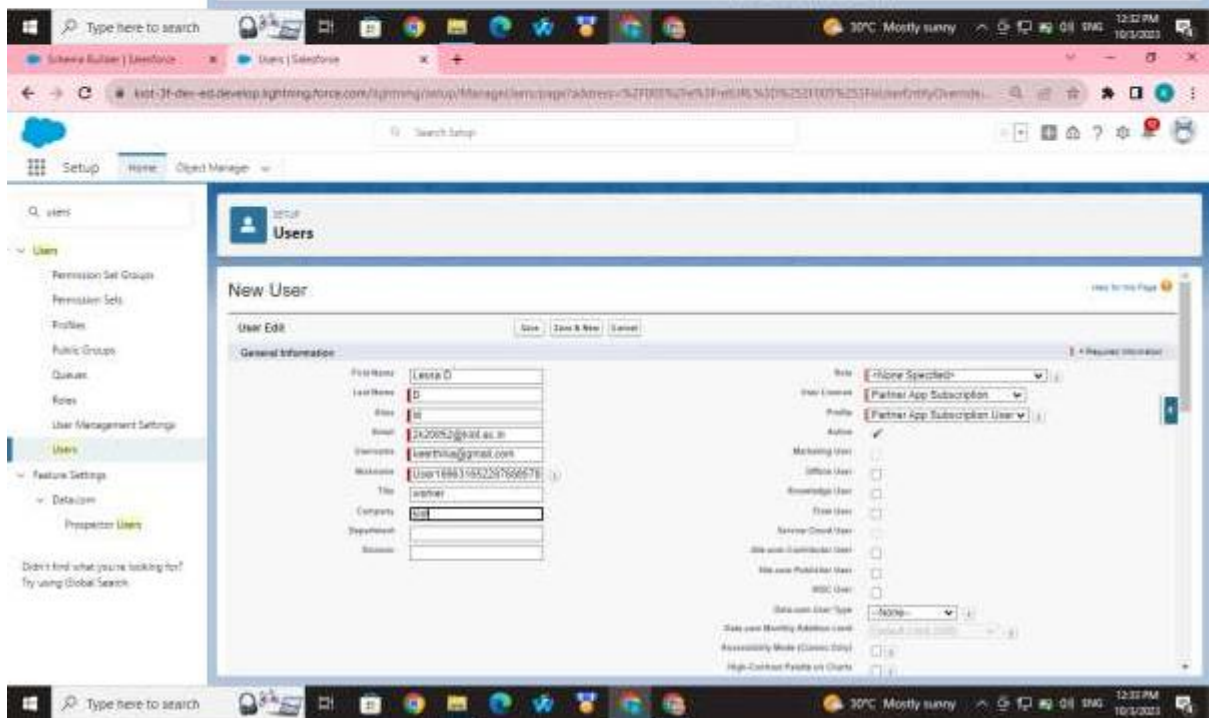
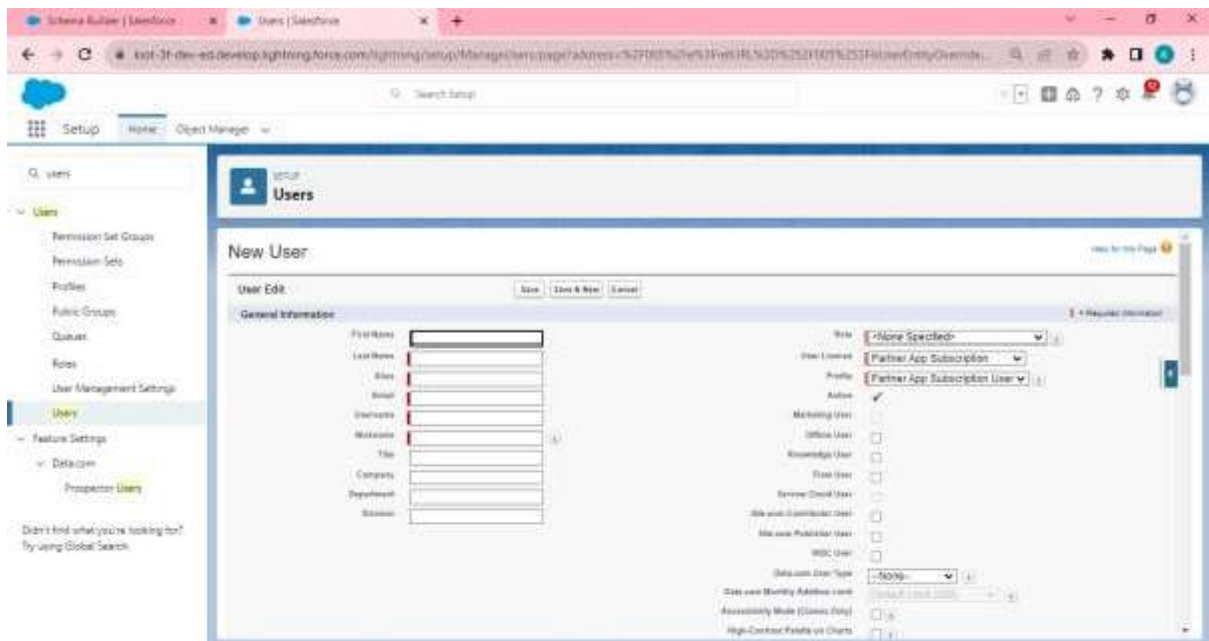












Screenshot of the Salesforce Users page in a web browser. The browser tabs show "Schema Builder | Salesforce", "Users | Salesforce", and "Jaysa (3148) - 2420528444...". The address bar shows a URL starting with "test-31-dev-ed.develop.lightning.force.com".

The Salesforce interface shows the "Users" section. The user "Jaysa A" is selected. The "User Detail" section displays the following information:

- Name: jaysa A
- Email: ja
- Username: jaysa@kko.ac.jp
- Nickname: User-18601711230471058032
- Title:
- Company:
- Department:
- Address:
- Time Zone: (GMT+05:30) India Standard Time (Asia/Kolkata)
- Locale: English (India)
- Language: English
- Designated Resource:
- Manager:
- Recent Approval Request Entry: Only if I am an approver

The "Role" section on the right lists various roles, including "Partner App Subscription", "Partner App Subscription User", "Admin", "Marketing User", "Offline User", "Knowledge User", "Flow User", "Service Cloud User", "Info.com Contributor User", "Info.com Publisher User", "B2C User", "Mobile Push Notification", "Data.com User Type", "Accessibility Mode (Screen Only)", and "Setup Mode".

Screenshot of a Gmail inbox showing an email from "support@salesforce.com". The email subject is "Welcome to Salesforce! Verify". The email content includes the Salesforce logo and the text "Welcome to Salesforce!".

The email body contains the following information:

- Click below to verify your account.
- Verify Account button.
- To easily log in later, save this URL: <https://test-31-dev-ed.develop.my.salesforce.com>
- Username: [jaysa@kko.ac.jp](mailto:jaysa@kko.ac.jp)
- Again, welcome to Salesforce!

The Gmail interface shows the "Compose" button, the "Inbox" with 3,148 items, and the "Labels" section. The email is from "support@salesforce.com" and is dated "10:42 PM (2 minutes ago)".

Change Your Password

Enter a new password for keethi@klor.ac.in. Make sure to include at least:

- 8 characters
- 1 letter
- 1 number

\* New Password

\_\_\_\_\_ Good

\* Confirm New Password

\_\_\_\_\_ Match

Security Question

+ What is your pet's name?

\* Answer

jk

Change Password

Password was last changed on 03/10/2023, 12:42 pm.

salesforce

Username

keethi@klor.ac.in

Password

.....

Log In

☒ Remember me

[Forgot Your Password?](#) [Use Custom Domain](#)


[Not a customer?](#) [Try for Free](#)

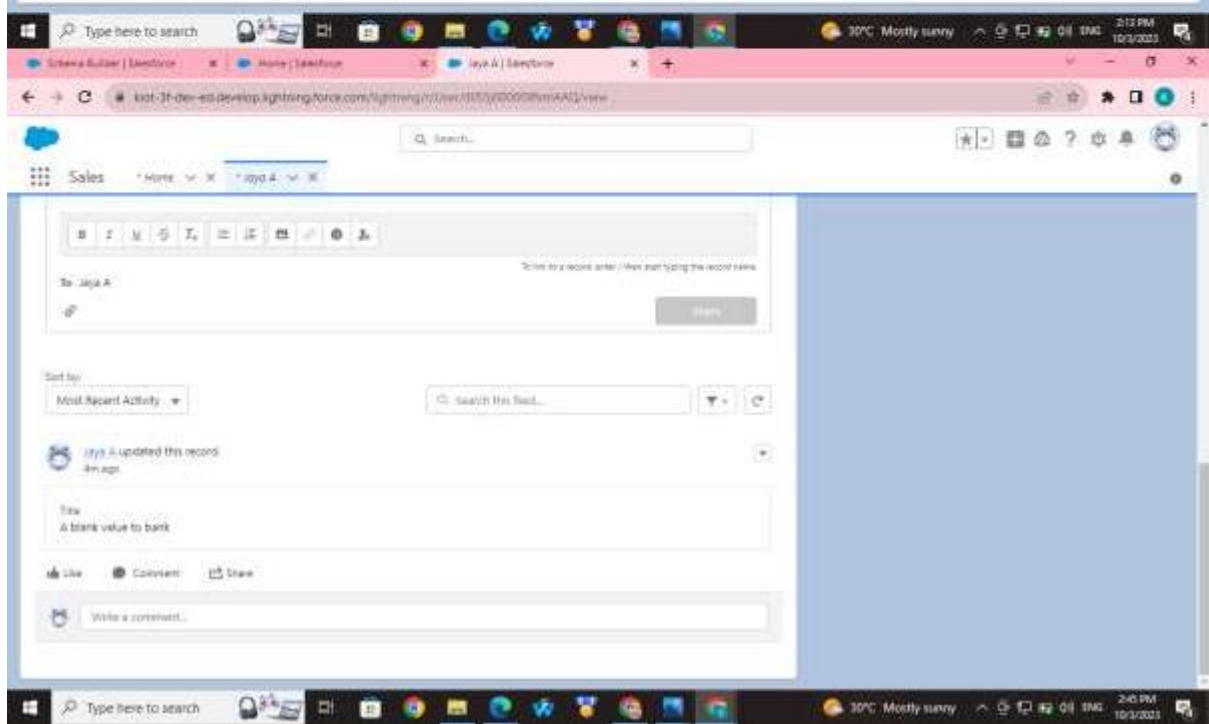
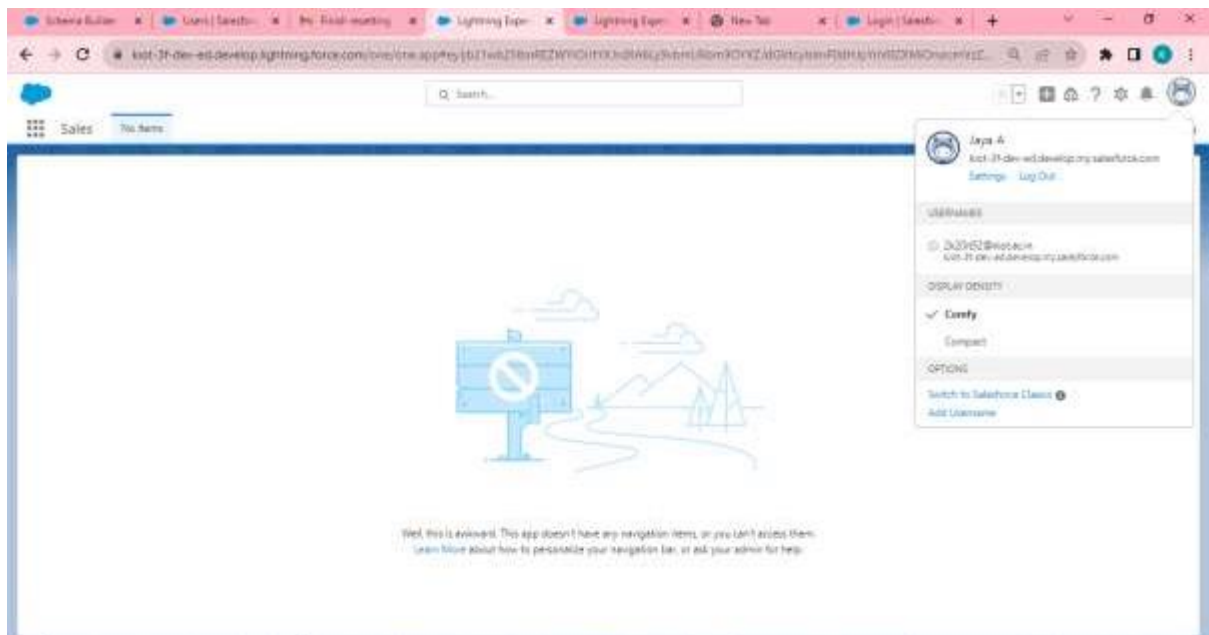
© 2023 Salesforce, Inc. All rights reserved. | [Privacy](#)

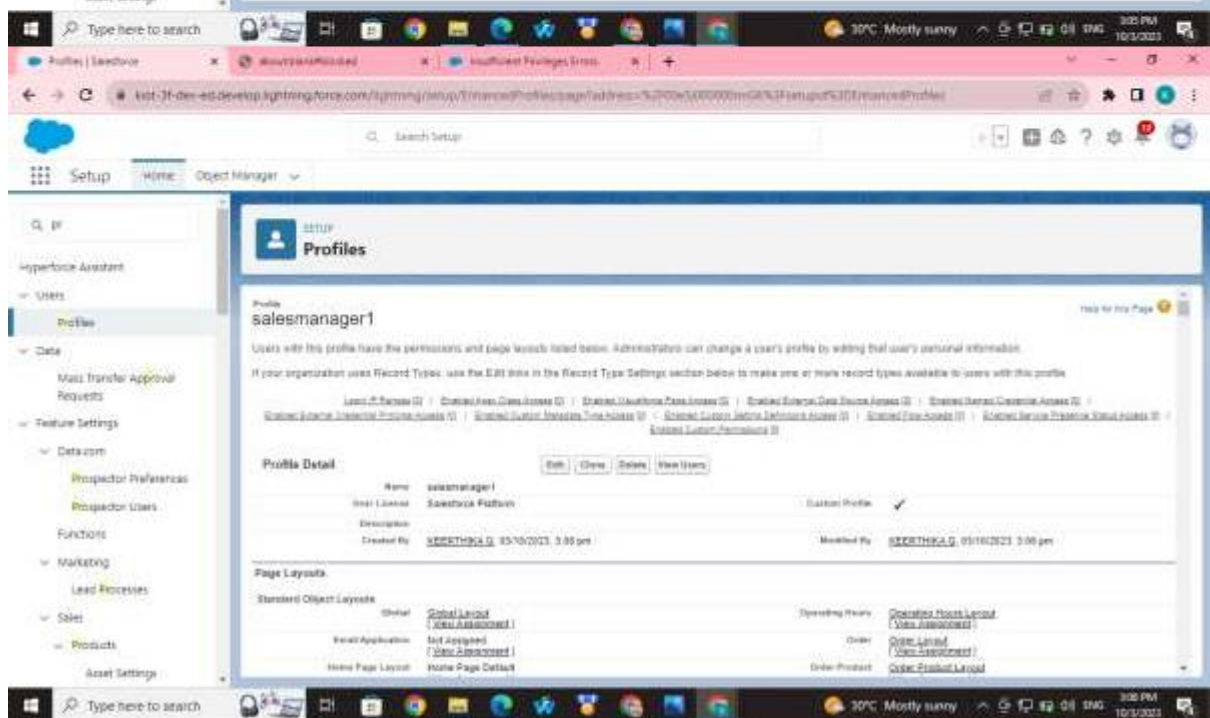
## Scale service with Generative AI and Einstein GPT.

Learn how AI and Einstein GPT are bringing intelligence and efficiency to service.

[WATCH ON-DEMAND WEBINAR](#)

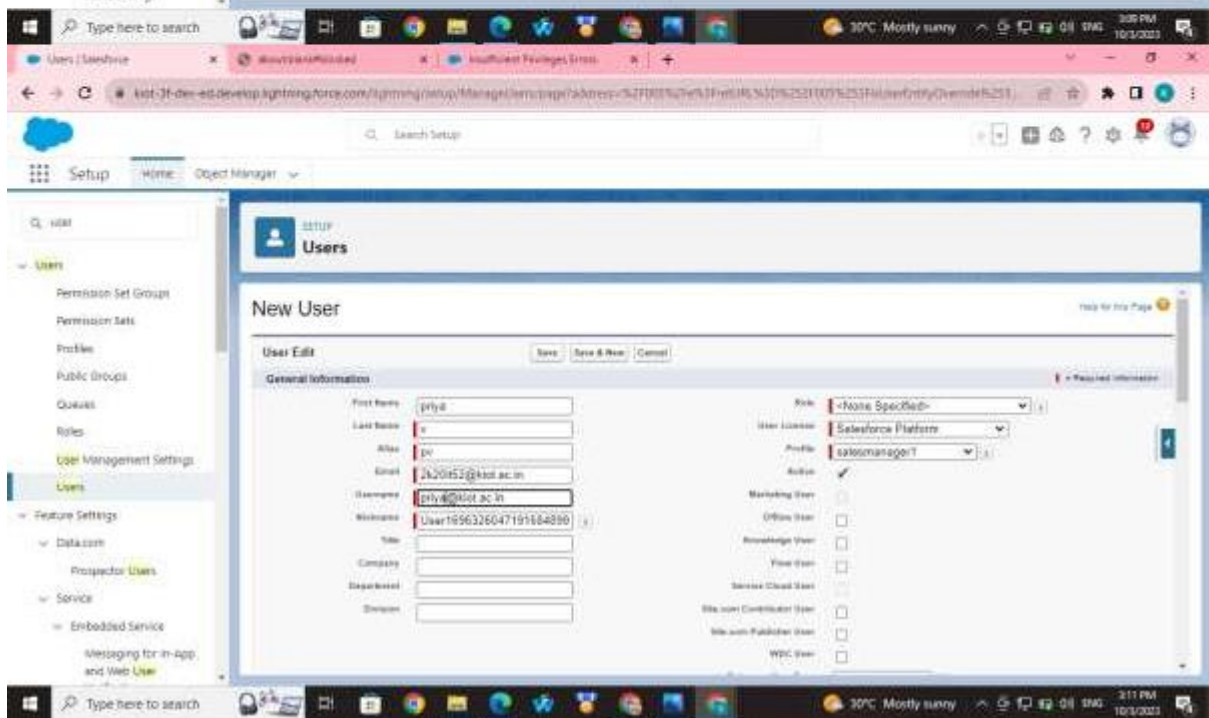
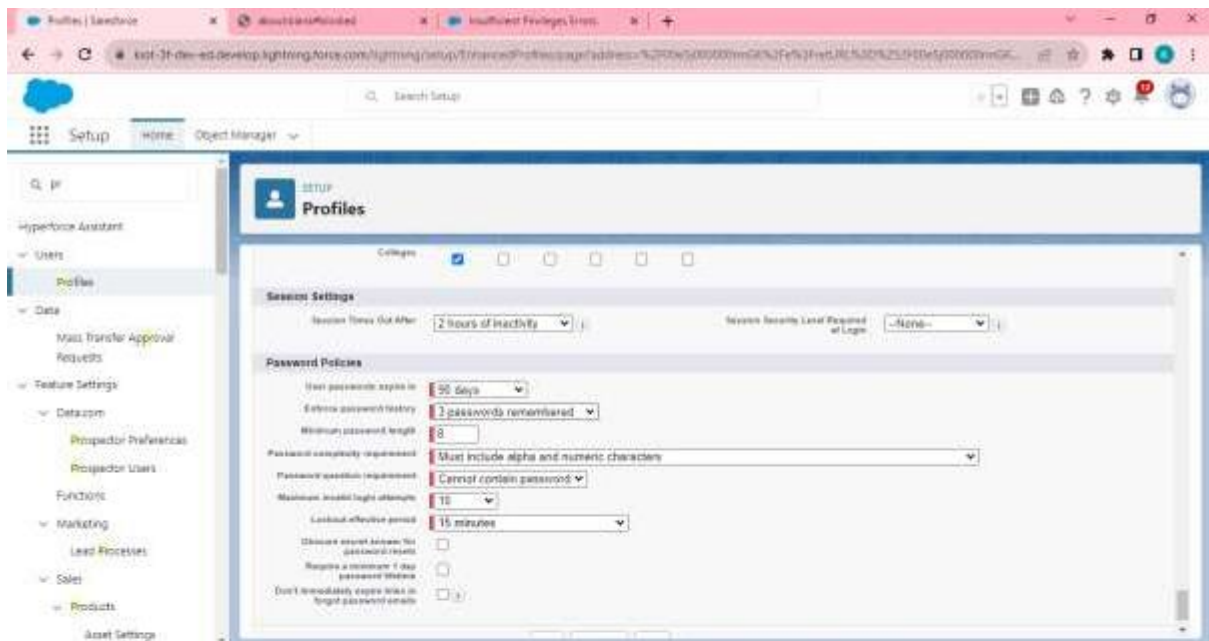


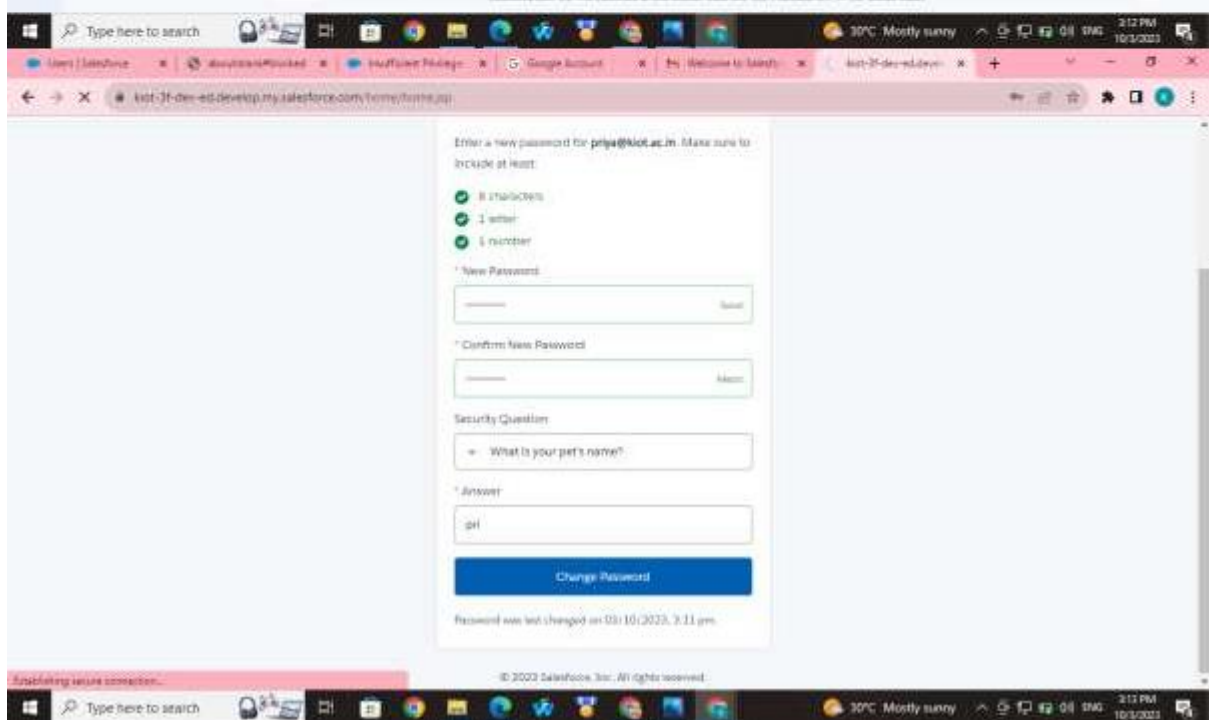
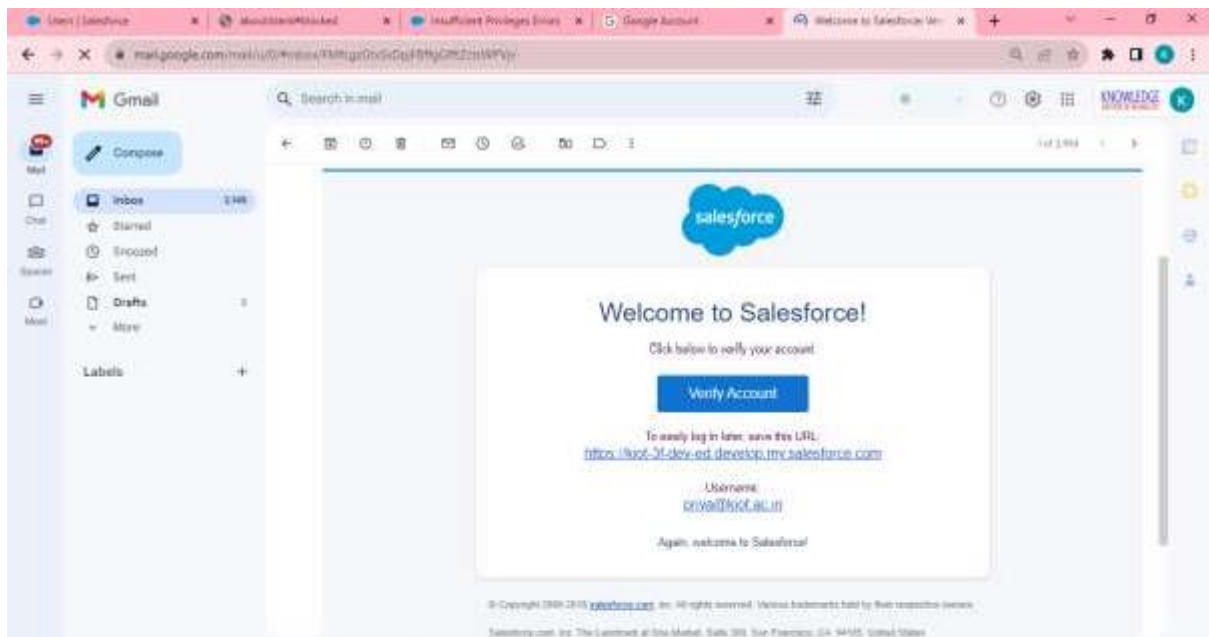




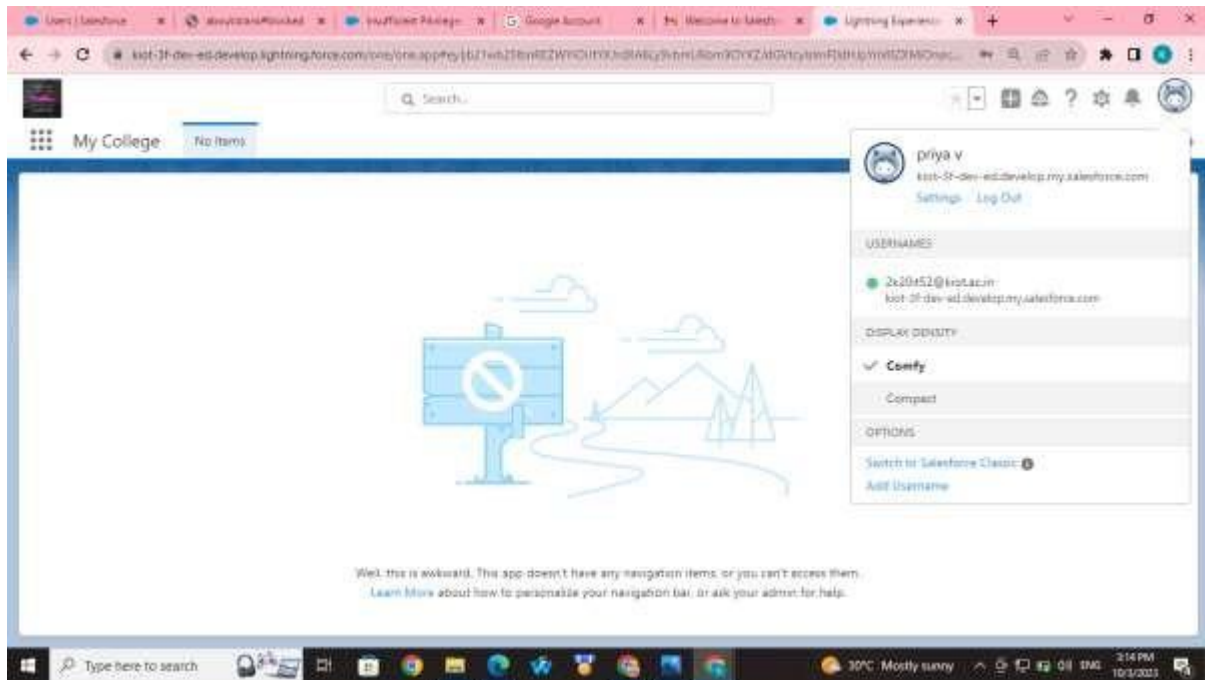












## Step 2:

### Permission Sets:

- Create two permission sets, one for manager and one for sales manager.

### Object-Level Security:

- In each profile and permission set, set the object-level security for the Account object to "Read" to ensure that both I-manager and I- sales manager can view Account records.

### Record-Level Security:

- Implement record-level security using Criteria-Based Sharing Rules.

- Create a sharing rule that shares Account records owned by manager with manager and records owned by I sales manager with sales manager.

- For the sharing rule criteria, specify that records owned by manager are shared with user A, and records owned by sales manager are shared with sales manager.

#### Ownership:

- Ensure that the Account records are owned by the respective users, with manager owning their records and sales manager owning their records.

#### Organization-Wide Defaults:

- Set the organization-wide defaults for the Account object to "Private" to ensure that records are private by default.

#### Testing:

- Test the setup by logging in as manager and sales manager separately to verify that they cannot access each other's records.

Setup Home Object Manager

per

Hyperforce Assistant

Lightning Experience Transition Assistant

Users

Permission Set Groups

Permission Sets

Feature Settings

Digital Experiences

Settings

Functions

Sales

Accounts

Person Accounts

Salesforce Scheduler

## Permission Sets

On this page you can create, view, and manage permission sets.

In addition, you can use the SalesforceA mobile app to assign permission sets to a user. Download SalesforceA from the App Store or Google Play. iOS | Android

All Permission Sets | Edit | Delete | Create New View

Action	Permission Set Label	Description	License
<input type="checkbox"/>	Basic	Allows access to the store. Lets users see product...	B2B Buyer Permission Set One Seat
<input type="checkbox"/>	Buyer Manager	Includes all Buyer capabilities, and allows access t...	B2B Buyer Manager Permission Set One Seat
<input type="checkbox"/>	CRM User	Denotes that the user is a Sales Cloud to Service...	CRM User
<input type="checkbox"/>	Commerce Admin	Allow access to commerce admin features	Commerce Admin Permission Set License Seat
<input type="checkbox"/>	Contact Center Admin	Manage Service Cloud Voice contact centers that	Service Cloud Voice User
<input type="checkbox"/>	Contact Center Agent	Access agent features in Service Cloud Voice call	Service Cloud Voice User

1-25 of 25 | 0 Selected | 4 Permission Sets

Page 1 of 2

Setup Home Object Manager

per

Hyperforce Assistant

Lightning Experience Transition Assistant

Users

Permission Set Groups

Permission Sets

Feature Settings

Digital Experiences

Settings

Functions

Sales

Accounts

Person Accounts

Salesforce Scheduler

## Permission Sets

### Create

Save Cancel

Enter permission set information

Label

API Name

Description

Session Activation Required ☐

Select the type of users who will use this permission set

Who will use the permission set?

Choose --None-- if you plan to assign this permission set to multiple users with different user and permission set licenses.

Permission Sets | Salesforce | Lightning Experience | Salesforce | Login | Salesforce

Search Setup

Setup Home Object Manager

per

Hyperforce Assistant

Lightning Experience Transition Assistant

Users

Permission Set Groups

Permission Sets

Feature Settings

Digital Experiences

Settings

Functions

Sales

Accounts

Person Accounts

Salesforce Scheduler

### SETUP Permission Sets

Permission Set: salesmanager1

Find Settings Close Delete Edit Properties Manage Assignments

#### Permission Set Overview

Description: License

API Name: salesmanager1

Session Activation Required: ☐

Namespace Prefix: Created By: KEERTHIKA.G. 03/10/2023, 2:28 PM

Last Modified By: KEERTHIKA.G. 03/10/2023, 2:28 PM

#### Apps

**Assigned Apps**  
Settings that specify which apps are visible in the app menu.

**Assigned Connected Apps**  
Settings that specify which connected apps are visible in the app menu.

**Object Settings**  
Permissions to access objects and fields, and settings such as tab availability.

Type here to search

30°C Mostly sunny 10/3/2023

Permission Sets | Salesforce | Permission Sets | Salesforce | Lightning Experience | Salesforce | Login | Salesforce

Search Setup

Setup Home Object Manager

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Data

Email

PLATFORM TOOLS

Subscription Management

Apps

Feature Settings

Slack

MuleSoft

### SETUP Permission Sets

Permission Set: salesmanager1

Find Settings Close Delete Edit Properties Manage Assignments

Permission Set Overview Object Settings

#### Object Settings

Object Name	Object Permissions	Total Fields	Tab Settings
Accounts	No Access	43	—
AI Insights Features	No Access	—	—
AI Recent Insights	No Access	—	—
Alternative Payment Methods	No Access	27	—
API Assembly Event Stores	No Access	14	—
App Analytics Query Requests	No Access	—	—
Developer License Assignments	No Access	—	—
Assignment Categories	No Access	3	—
Assignment Relations	No Access	17	—

Permission Sets | Salesforce | Permission Sets | Salesforce | Lightning Experience | Salesforce | Login | Salesforce

Search Setup

Setup Home Object Manager

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Data

Email

PLATFORM TOOLS

Subscription Management

Apps

Feature Settings

Stack

MuleSoft

Enstrain

Permission Set: salesmanager1

Find Settings Clone Delete Edit Properties Manage Assignments

Permission Set Overview Object Settings books

books

Tab Settings

Available Visible

Object Permissions

Permission Name	Enabled
Read	<input type="checkbox"/>
Create	<input type="checkbox"/>
Edit	<input type="checkbox"/>
Delete	<input type="checkbox"/>

Available Visible

Object Permissions

Permission Name	Enabled
Read	<input checked="" type="checkbox"/>
Create	<input type="checkbox"/>
Edit	<input type="checkbox"/>
Delete	<input type="checkbox"/>
View All	<input checked="" type="checkbox"/>
Modify All	<input type="checkbox"/>

Field Permissions

Field Name	Read Access	Edit Access
Account Name	<input type="checkbox"/>	<input type="checkbox"/>
Created By	<input type="checkbox"/>	<input type="checkbox"/>
Created Date	<input type="checkbox"/>	<input type="checkbox"/>

A screenshot of a Windows 10 taskbar. On the left is the Start button. Next to it is a search bar with the text 'Type here to search'. To the right of the search bar are several pinned application icons: a calendar, a folder, a web browser, a file explorer, a mail client, a music player, a video player, and a game. On the far right of the taskbar is the system tray, which includes a weather widget showing '30°C Mostly sunny', a volume icon, a network icon, a battery icon, and a clock displaying '3:47 PM 10/3/2023'.



Permission Sets | Salesforce | Lightning Experience | Salesforce | Login | Salesforce

Search Setup

Setup

Permission Sets

Select an Expiration Option For Assigned Users

☒ No expiration date

☐ Specify the expiration date

Time Zone

Selected Users

Full Name	Role	Profile	Active	User License	Expires On
prince		salesmanager1	<input checked="" type="checkbox"/>	Salesforce Platform	Never Expires

Cancel Assign

Permission Sets | Salesforce | Lightning Experience | Salesforce | Login | Salesforce

Search Setup

Setup

Permission Sets

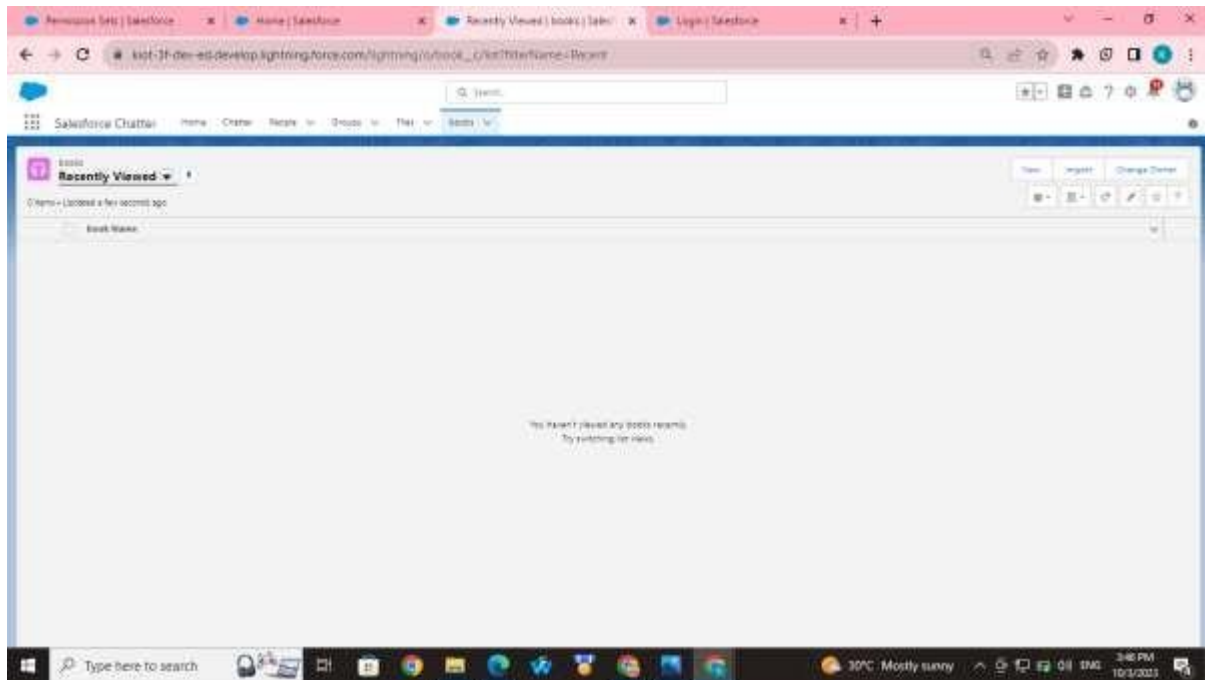
salesmanager1

1 assignments were successful.

Assignment Summary

Full Name	User License	Expires On	Time Zone	Status
prince	Salesforce Platform			Success

Done



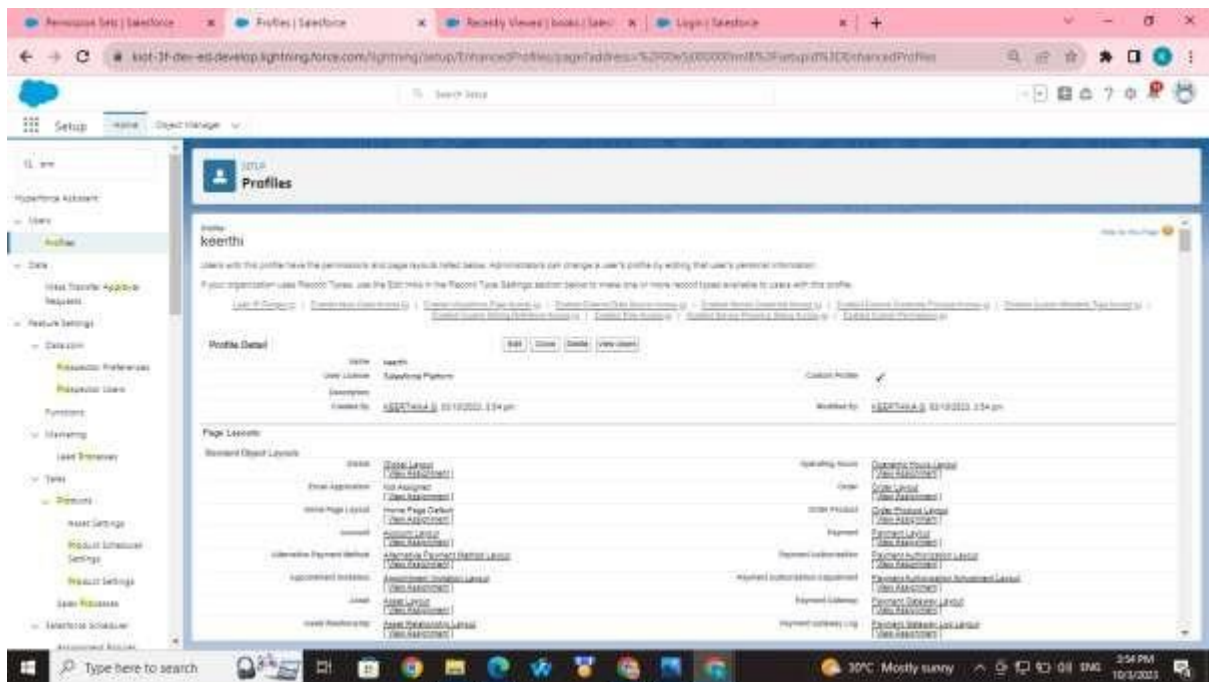
3. Suppose there are 2 Users and they are having Create, Read, Edit access on Account Object with the same profile but we want to open up the access for one user to delete how will you implement the Security setting.

**Solution:**

Step 1: we need create a profile for the two user which has the access to Create, Read, Edit for follow as per.

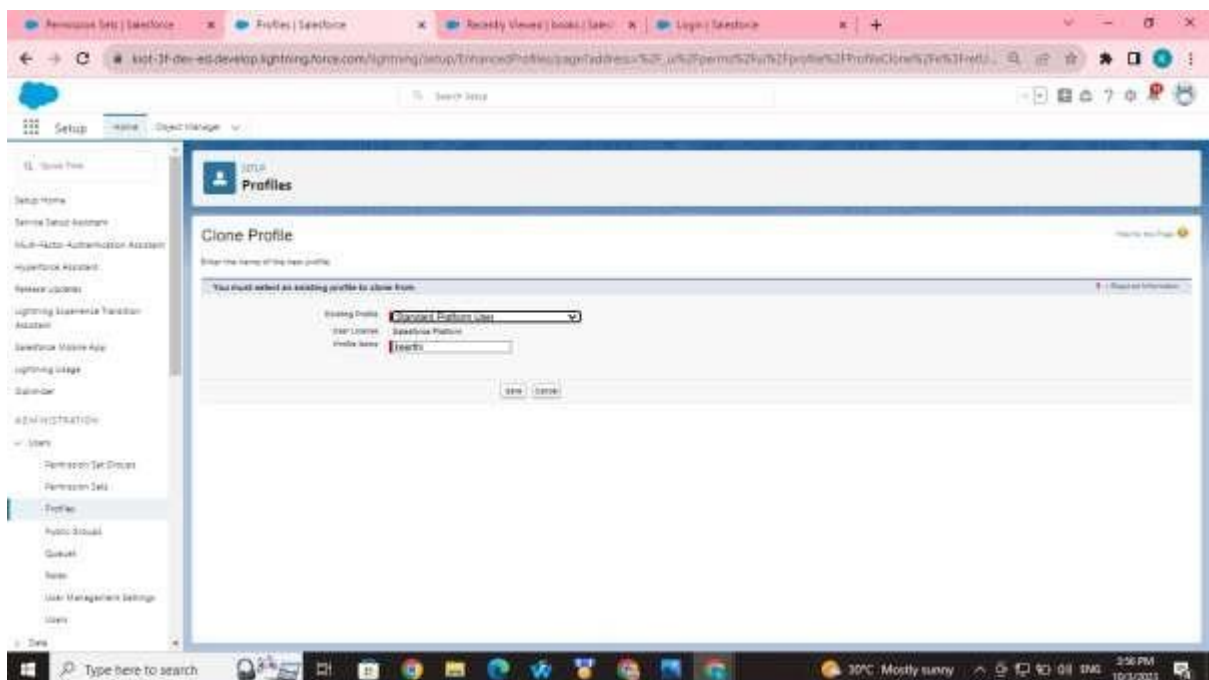
## Setup-quick search[profile]





Step 2:

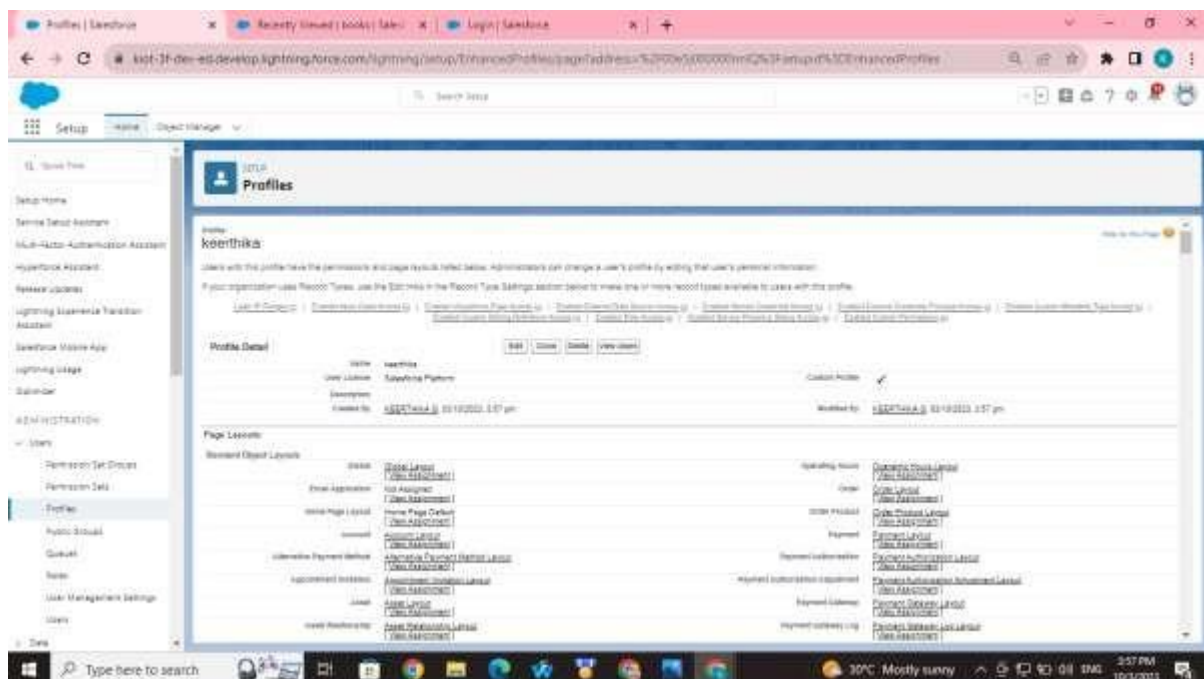
Click on the new to create a new profile along with the label and Api

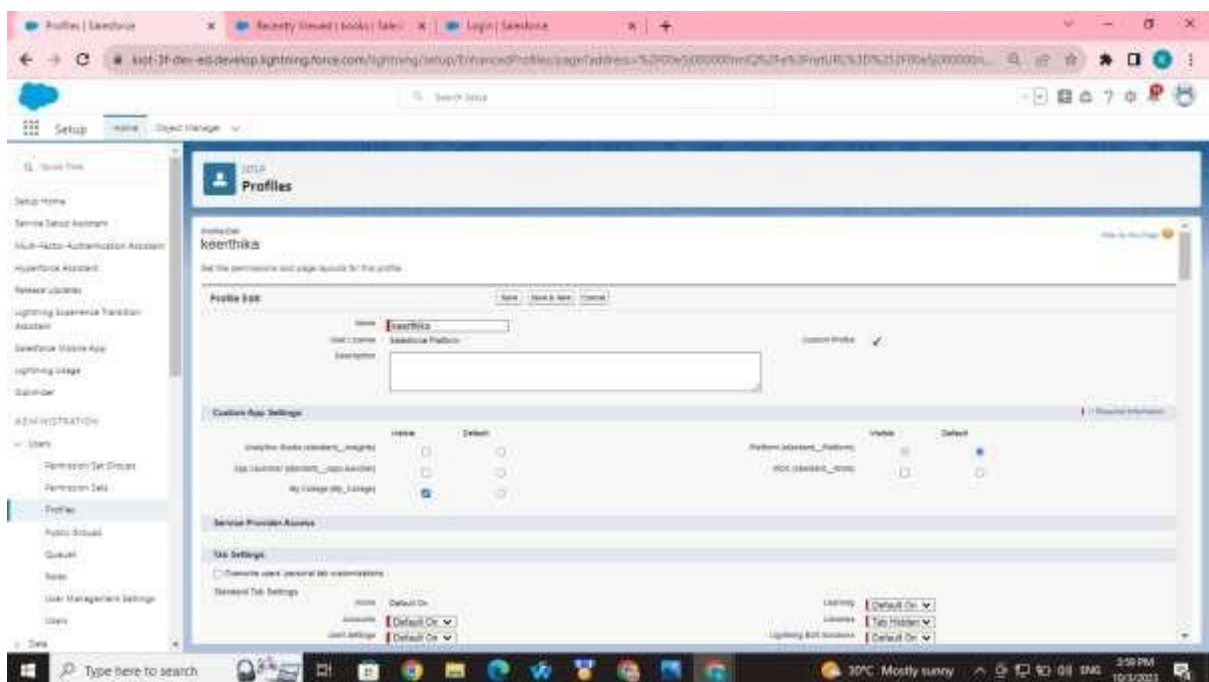
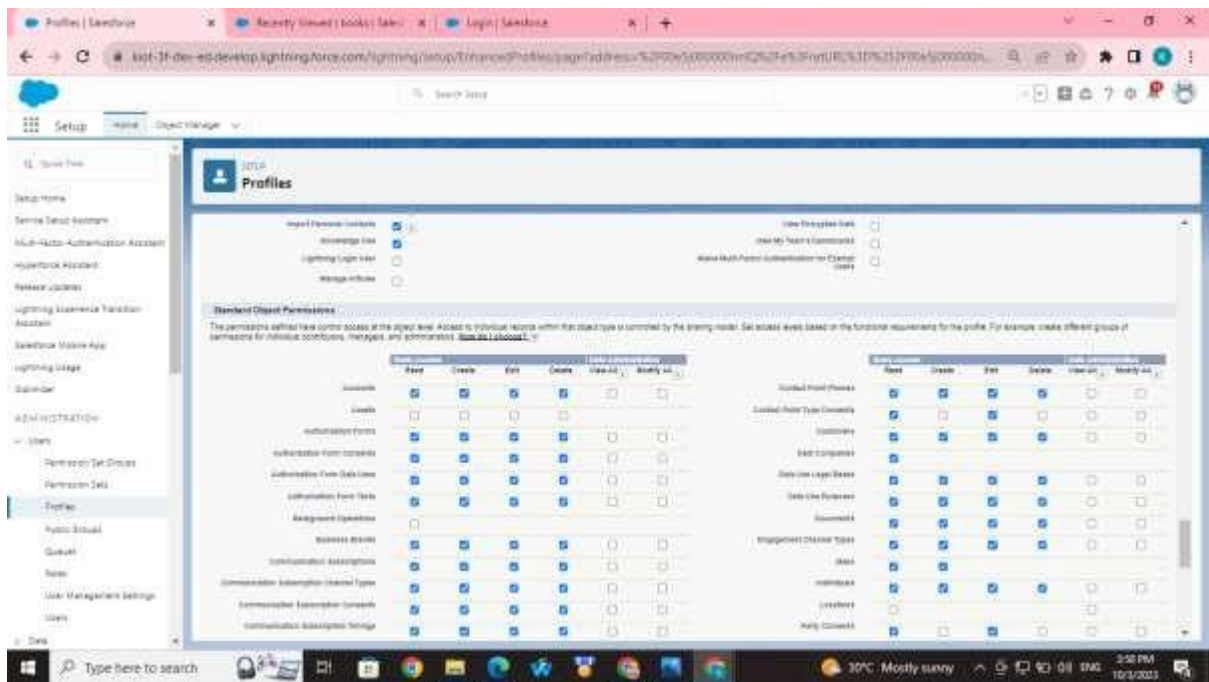


Here I had made it my profile name as Jaga and the existing profile as Standard Platform User.

Step 3:

Now click on the edit and scroll down to custom object settings and enable the read,create,edit and view options. After that click on save.

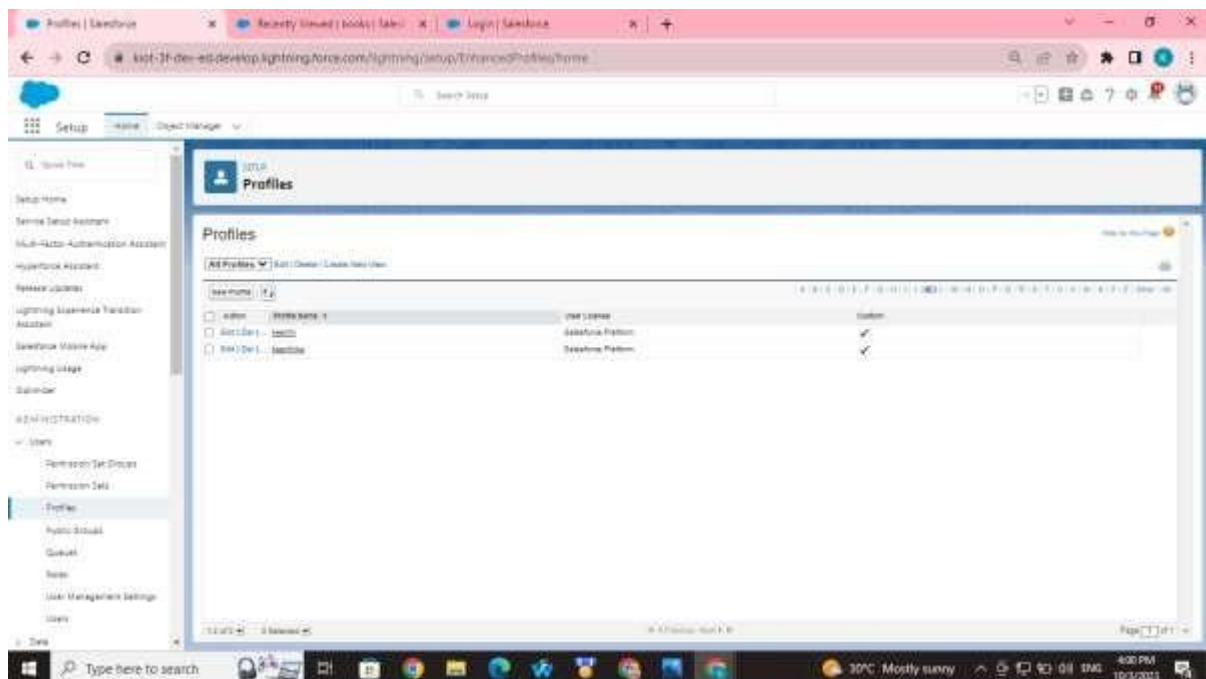




Step 4

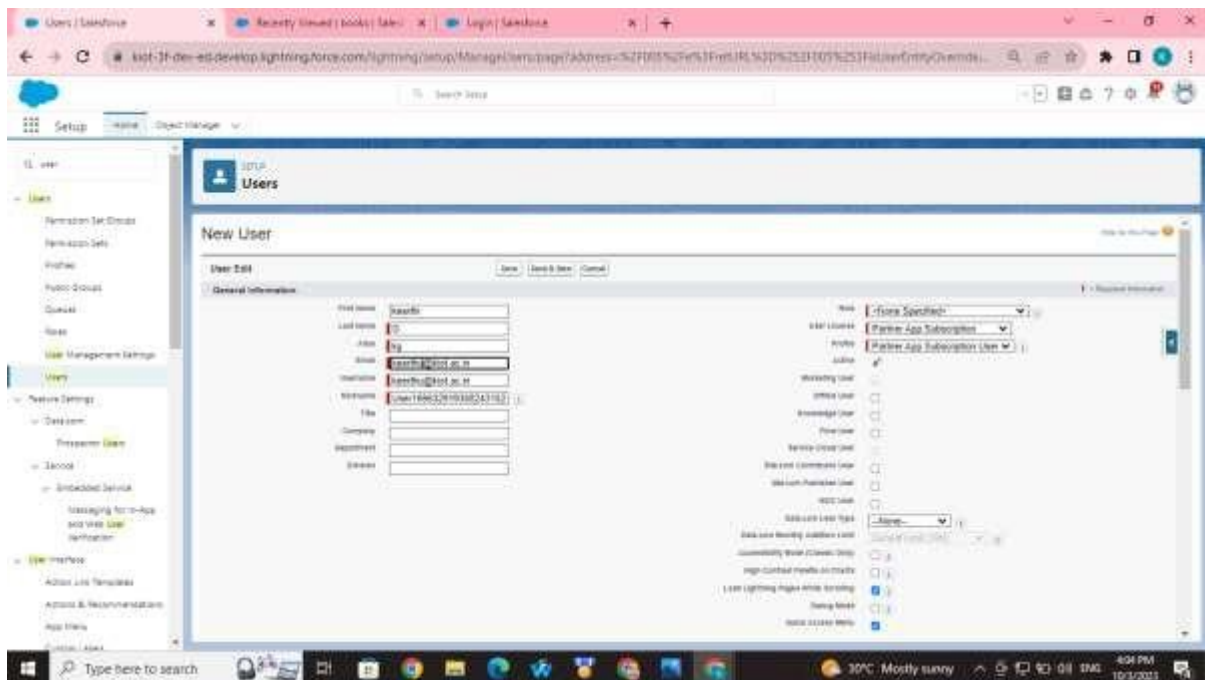
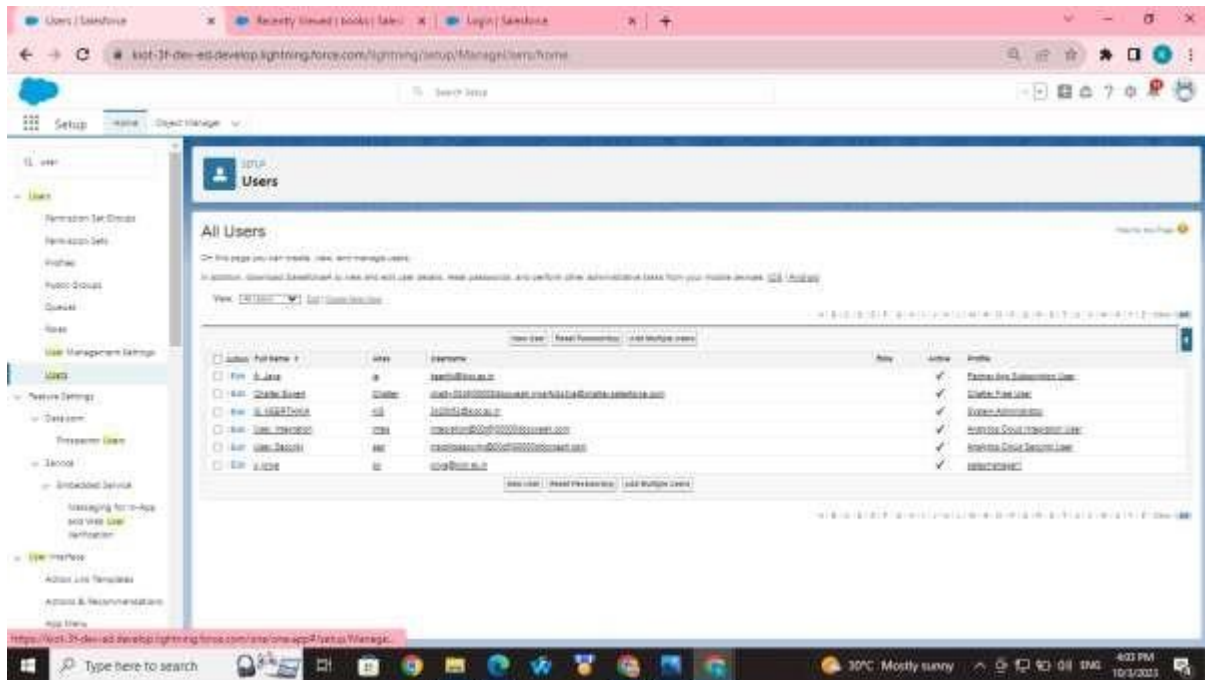
Now you can preview your created profile on the profile option here my profile name jaga has been

created with the access of read,create,edit along with view on it



Step 5:

Now create two users by enter into the Setup-quick search[user] and then click on new user after clicking that you need to create two user along with the profile as Jaga which we have created on the step 2.once the one user has been created click on the save&new so that you can create the second user and there the user name can been created with alternate name but with the same user profile and once the two user are create click on save.



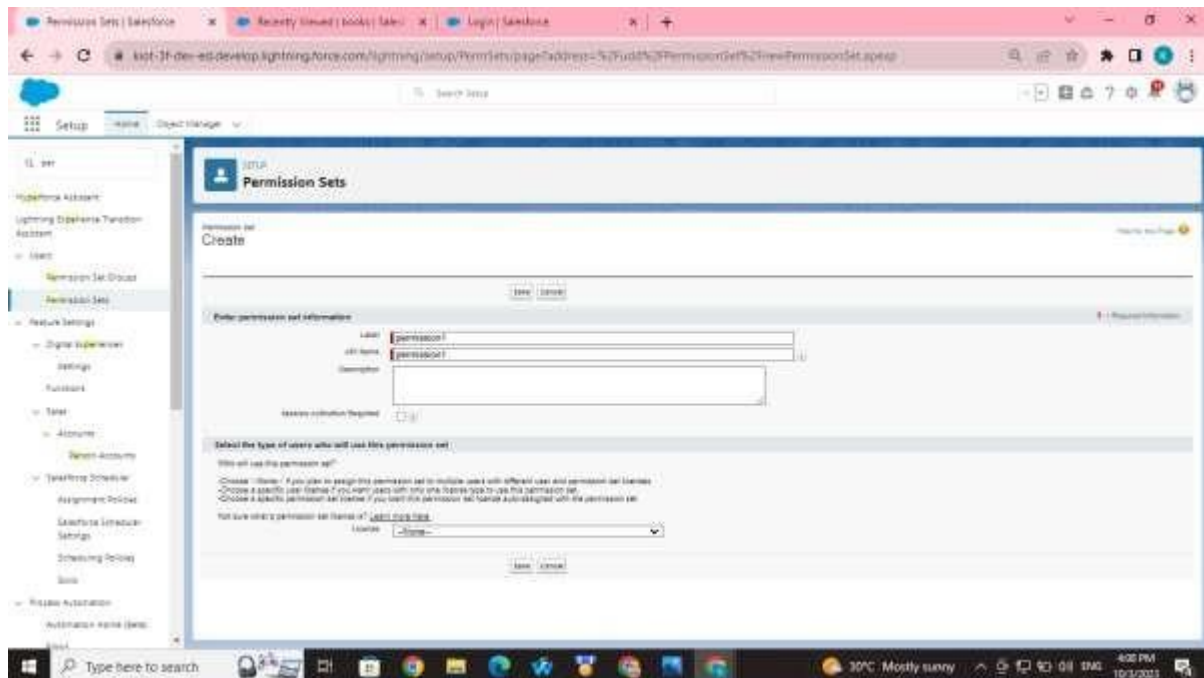
Now you can preview your two user that you have created in my side I had create the two users a Jagadesh11 and Jagadesh22 as a director channel sales with the marketing team.



## Step 6:

Now the two user as been created with the profile so that two user can perform the Create, Read, Edit and view on both the user. So as per the given task we need to allocate a specific access as delete on one user for that we need create a permission set for one user so it can created as

setup-quick search[permission set]-new-fill label name [auto select the API name]-click on save-object settings-accounts.





Permission Sets | Salesforce x Recently viewed | books | Sales x Login | Salesforce

Search Setup

Setup Home Object Manager

My Salesforce Account

Lightning Experience Transition Assistant

Users

Permission Set Groups

Permission Sets

Feature Settings

Digital Experience

Settings

Functions

Tools

Accounts

Report Accounts

TransferPaaS Scheduler

Assignment Policies

Caseforce Scheduler Settings

Scheduling Policies

Books

Workflow Automation

Automation Studio (Beta)

### Permission Sets

Permission Set: permission1

11 Find Settings

11 Setup | Tools | Edit Properties | Manage Assignments

Process Set Controls | Object Settings | Accounts

Accounts

Object Permissions

Permission Name	Enabled
Read	<input checked="" type="checkbox"/>
Create	<input checked="" type="checkbox"/>
Edit	<input checked="" type="checkbox"/>
Delete	<input checked="" type="checkbox"/>
View All	<input type="checkbox"/>
Modify All	<input type="checkbox"/>

Field Permissions

Field Name	Read Access	Edit Access
Account Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Account Number	<input type="checkbox"/>	<input type="checkbox"/>
Account Owner	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Account Site	<input type="checkbox"/>	<input type="checkbox"/>
Account Source	<input type="checkbox"/>	<input type="checkbox"/>
Name	<input type="checkbox"/>	<input type="checkbox"/>
Annual Revenue	<input type="checkbox"/>	<input type="checkbox"/>
Billing Address	<input type="checkbox"/>	<input type="checkbox"/>

https://test-3f-dev-ed.develop.my.salesforce.com/lightning/setup/permissions/page?address=5270P550000018Q2n53F63D00myPermissions2Me53DAccount

Type here to search

30°C Mostly sunny

4:00 PM 10/13/2023

Permission Sets | Salesforce x Recently viewed | books | Sales x Login | Salesforce

Search Setup

Setup Home Object Manager

My Salesforce Account

Lightning Experience Transition Assistant

Users

Permission Set Groups

Permission Sets

Feature Settings

Digital Experience

Settings

Functions

Tools

Accounts

Report Accounts

TransferPaaS Scheduler

Assignment Policies

Caseforce Scheduler Settings

Scheduling Policies

Books

Workflow Automation

Automation Studio (Beta)

### Permission Sets

Permission Set: permission1

11 Find Settings

11 Setup | Tools | Edit Properties | Manage Assignments

Process Set Controls | Object Settings | Accounts

Accounts

Object Permissions

Permission Name	Enabled
Read	<input checked="" type="checkbox"/>
Create	<input checked="" type="checkbox"/>
Edit	<input checked="" type="checkbox"/>
Delete	<input checked="" type="checkbox"/>
View All	<input type="checkbox"/>
Modify All	<input type="checkbox"/>

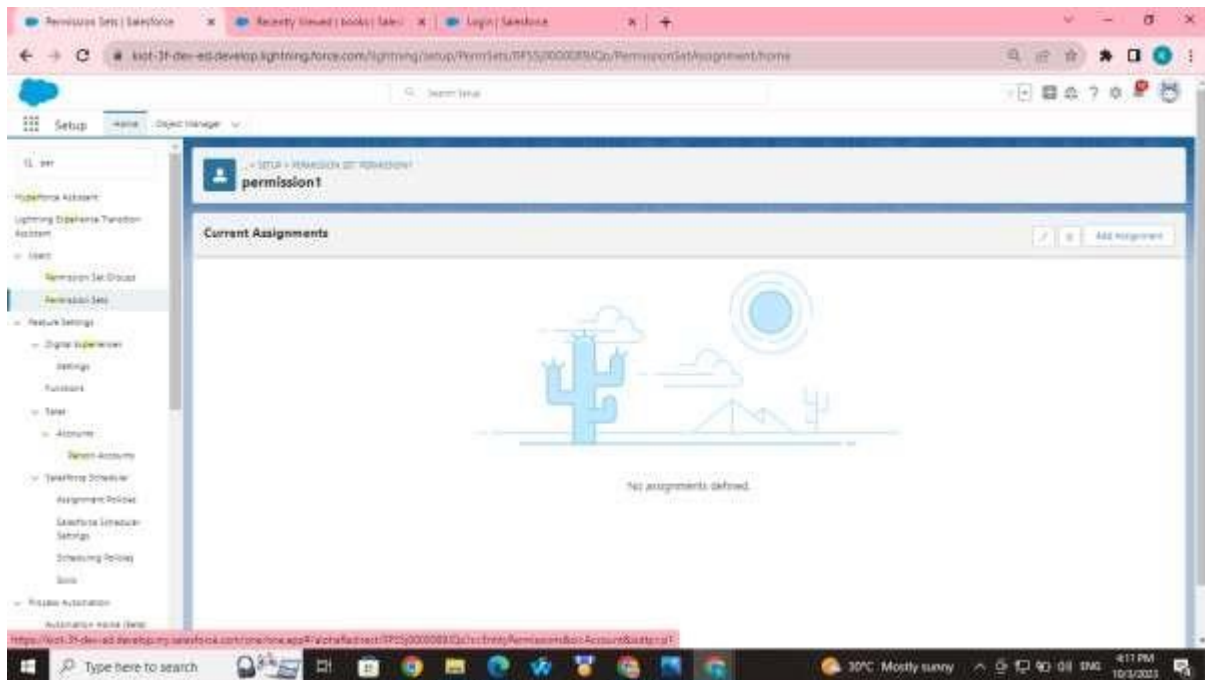
Field Permissions

Field Name	Read Access	Edit Access
Account Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Account Number	<input type="checkbox"/>	<input type="checkbox"/>
Account Owner	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Account Site	<input type="checkbox"/>	<input type="checkbox"/>
Account Source	<input type="checkbox"/>	<input type="checkbox"/>
Name	<input type="checkbox"/>	<input type="checkbox"/>
Annual Revenue	<input type="checkbox"/>	<input type="checkbox"/>
Billing Address	<input type="checkbox"/>	<input type="checkbox"/>



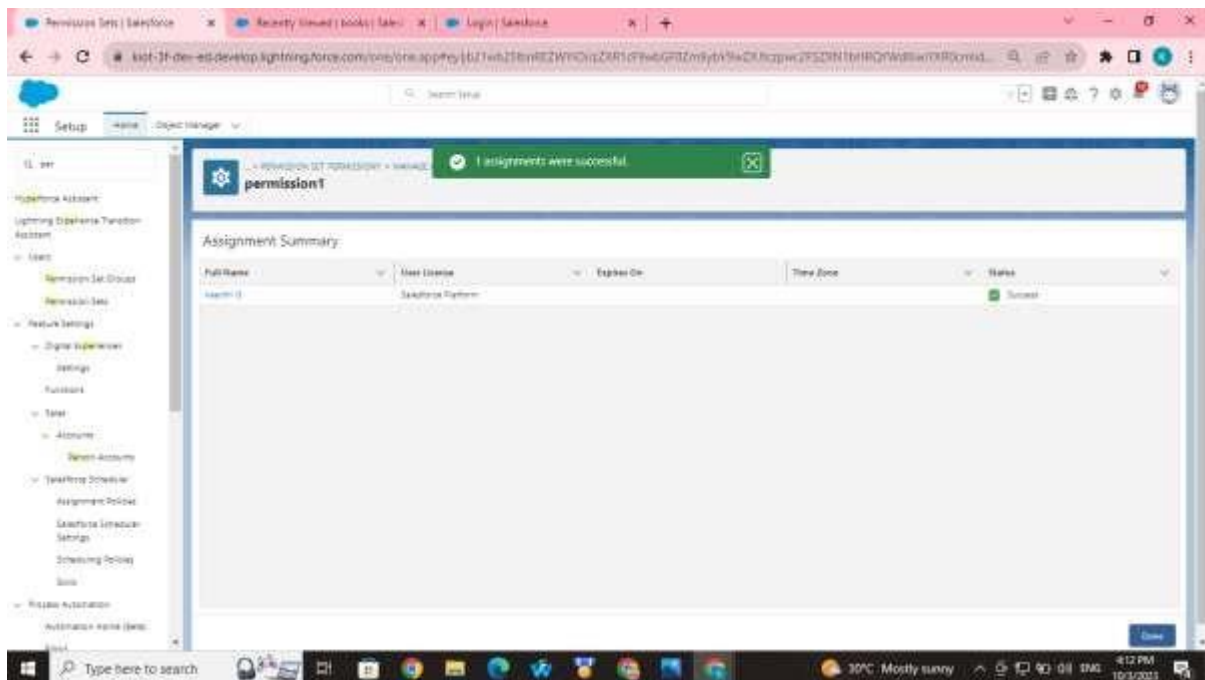
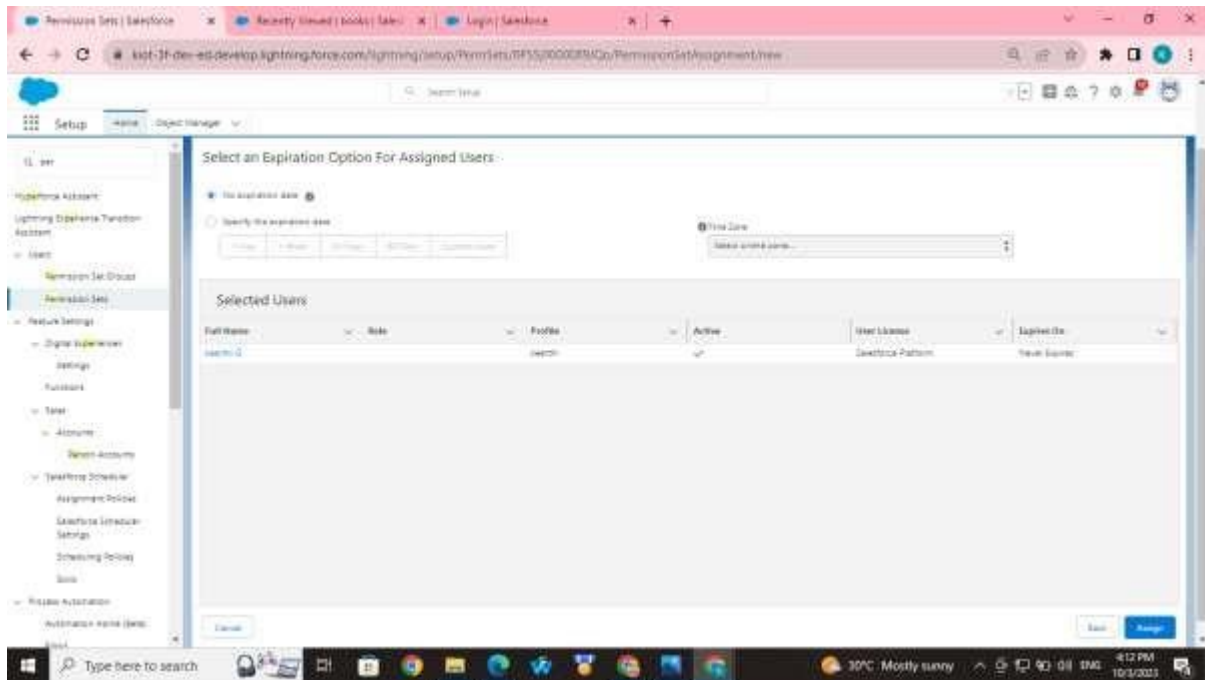
## Step 8

Now click on add assignment there you will find your two created users click on any one user to give a special access as delete on it and then click on assign so that the specific selected user can have a special access as delete on it.





Now click on Assign.



Now the specific access for the Jagadesh11 user has been assigned successfully.

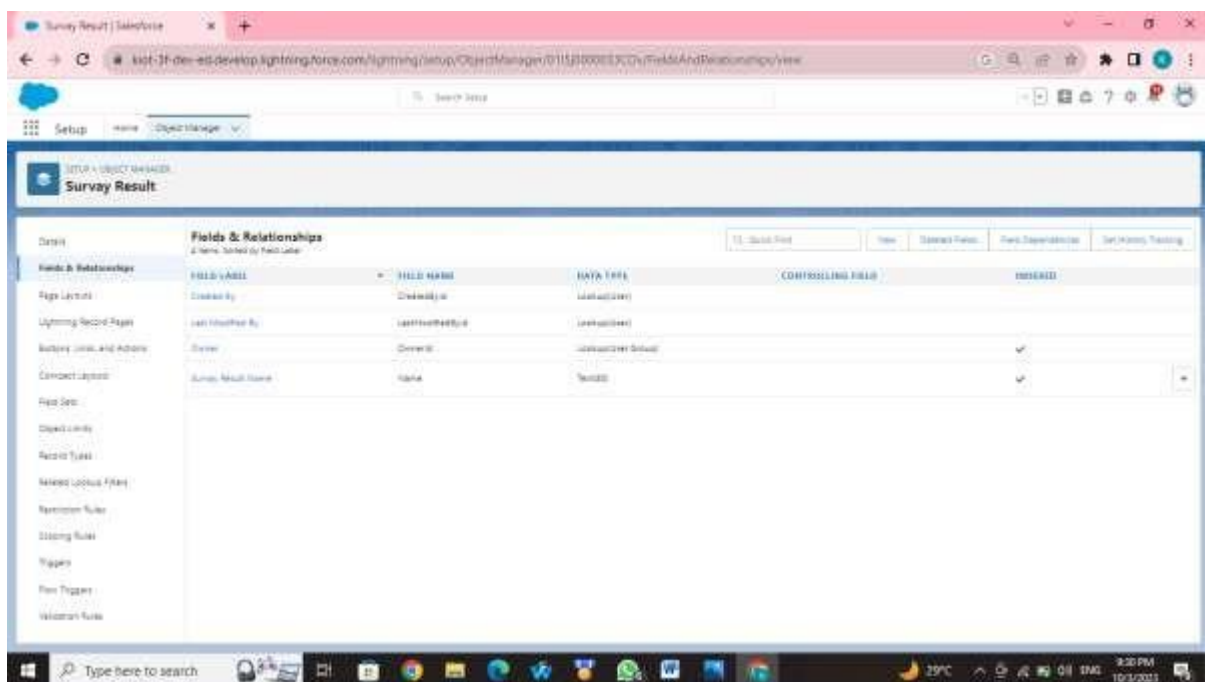
4. Create a screen flow for a basic survey to fill in the details for any form.

Solution:

### Step 1: Create a Custom Object

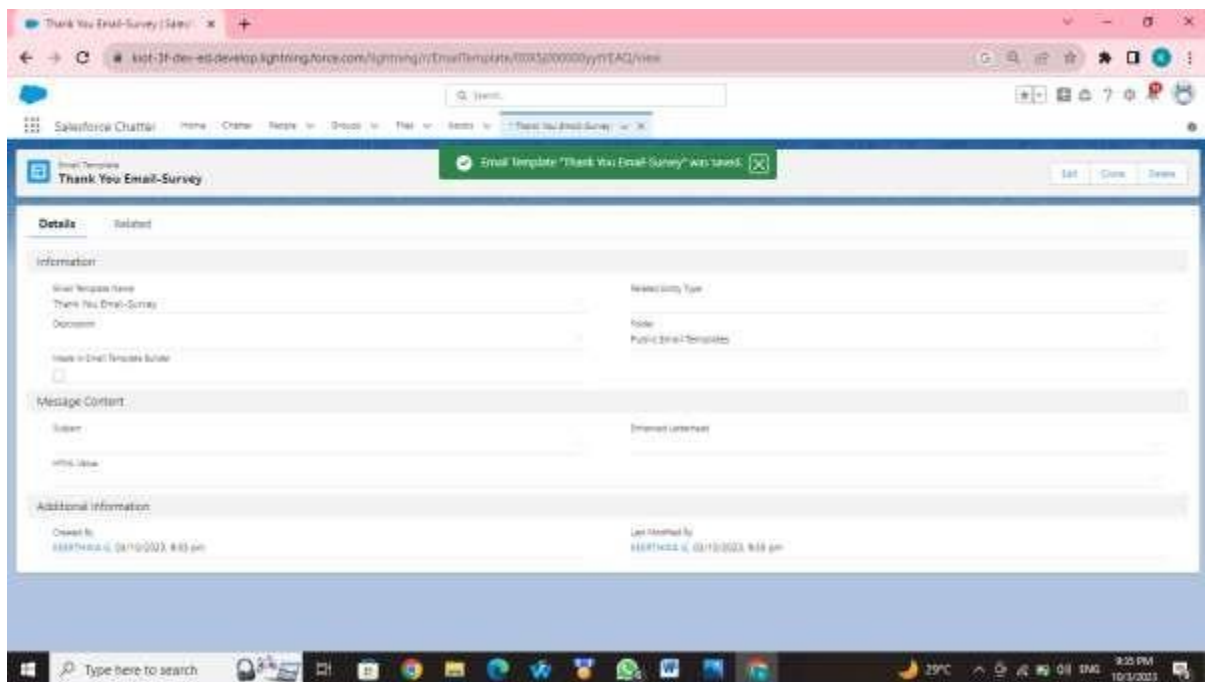
The next step is to create a custom object **Survey Result** and a few custom fields to store survey responses.

1. Click **Setup**.
2. In the Object Manager, click **Create | Custom Object**.
3. Now create a custom object **Survey Result** and fields as shown in the screenshot below:
4. Click **Save**.



## Step 2: Create a Thank You For Survey Lightning Email Template

1. Click **App Launcher**.
2. In the Quick Find box, type **Email Templates**.
3. Clicks on the **New Email template** button.
4. Name the **Lightning Email Template** and make sure to store it in the **Public Email Templates** folder.
5. Create a template like the following screenshot.



### Step 3: Create an Email Alert

1. Click **Setup**.
2. In the Quick Find box, type **Email Alerts**.
3. Select **Email Alerts**, click on the **New Email Alert** button.
4. **Name** the **Email Alert** and click the Tab button. The **Unique Name** will populate.
5. For **Object** select **Survey Result**.
6. For the **Email Template** chooses **Lightning Email Template Thank You Email – Survey**.
7. For **Recipient Type** select **Email Field: Email**.
8. Click **Save**.





1. Drag-and-drop the **Create Records** element onto the Flow designer.
2. Enter a name in the **Label (Save Response)** field; the **API Name** will auto-populate.
3. For **How Many Records to Create** – select **One**.
4. For **How to Set the Record Fields** – select **Use separate resources, and literal values**.
5. Select the **Survey Result** object from the dropdown list.
6. **Set Field Values for the Survey Result**
  1. Row 1:
    1. **Field:** `Comment__c`
    2. **Value:** `{!Comment}`
  2. Click **Add Row**
  3. Row 2:
    1. **Field:** `Email__c`
    2. **Value:** `{!Email.value}`
  4. Click **Add Row**
  5. Row 3:
    1. **Field:** `Name__c`
    2. **Value:** `{!Name.firstName}`  
`{!Name.lastName}`
  6. Click **Add Row**
  7. Row 3:

1. Field: Rating\_\_c
  2. Value: {!Rating}
7. Click **Done**.

Edit Create Records

Create Salesforce records using values from the flow.

\* Label: Save Response \* API Name: Save\_Response

Description:

How Many Records to Create

☒ One ☐ Multiple

How to Set the Record Fields

☐ Use all values from a record ☒ Use separate resources, and literal values

Create a Record of This Object

\* Object: Survey Result

Set Field Values for the Survey Result

Field	Value
Comment__c	← A Comment X
Email__c	← A Email > Value X
Name__c	← (!Name.firstName) (!Name.lastName) X
Rating__c	← A Rating X

+ Add Field

☐ Manually assign variables

Cancel Done

## Step 4.3: Salesforce Flow — Call an Action — Email Alert to Send Out Thank You Email

The next step is to call the **Survey – Thank You Email** email alert from flow so that when flow fires it triggers the thank you email to survey participants.

1. Under **Toolbox**, select **Element**.

2. Drag-and-drop **Action** element onto the Flow designer.
3. In the **Action** box, type **Survey – Thank You Email**.
4. Clicks on the **Survey – Thank You Email** email alert.
5. Click **Done**.

The screenshot shows a configuration window titled "Edit 'Survey - Thank You Email' email alert". It contains a description field, a "Set Input Values" section with a "Record ID" field set to "{!Save\_Response}", and "Cancel" and "Done" buttons at the bottom right.

Use values from earlier in the flow to set the inputs for the "Survey - Thank You Email" email alert. To use its outputs later in the flow, store them in variables.

\* Label: Send Thank You Email

\* API Name: Send\_Thank\_You\_Email

Description:

Set Input Values

A<sub>3</sub> \* Record ID: {!Save\_Response}

Cancel Done

In the end, Sergio's **Flow** will look like the following screenshot:



1. Click **Save**.

2. Enter **Flow Label** the **API Name** will auto-populate.
3. Click **Show Advanced**.
4. **How to Run the Flow: User or System Context—Depends on How Flow is Launched**
5. **Type: Screen Flow**
6. **API Version for Running the Flow: 51**
7. **Interview Label: Survey  
{!\$Flow.CurrentDateTime}**
8. Click **Save**.

Save as

A New Version

A New Flow

\* Flow Label

Survey

\* Flow API Name

Survey

Description

Hide Advanced

How to Run the Flow ⓘ

User or System Context–Depends on How Flow is Launched

\* Type

Screen Flow

\* API Version for Running the Flow

51

Interview Label ⓘ

Insert a resource...

Survey (!\$Flow.CurrentDateTime)

Last Modified

12/21/2020, 4:54 PM by Rakesh Gupta

Status:

Active

Type:

Screen Flow

Version Number:

2

Cancel

Save

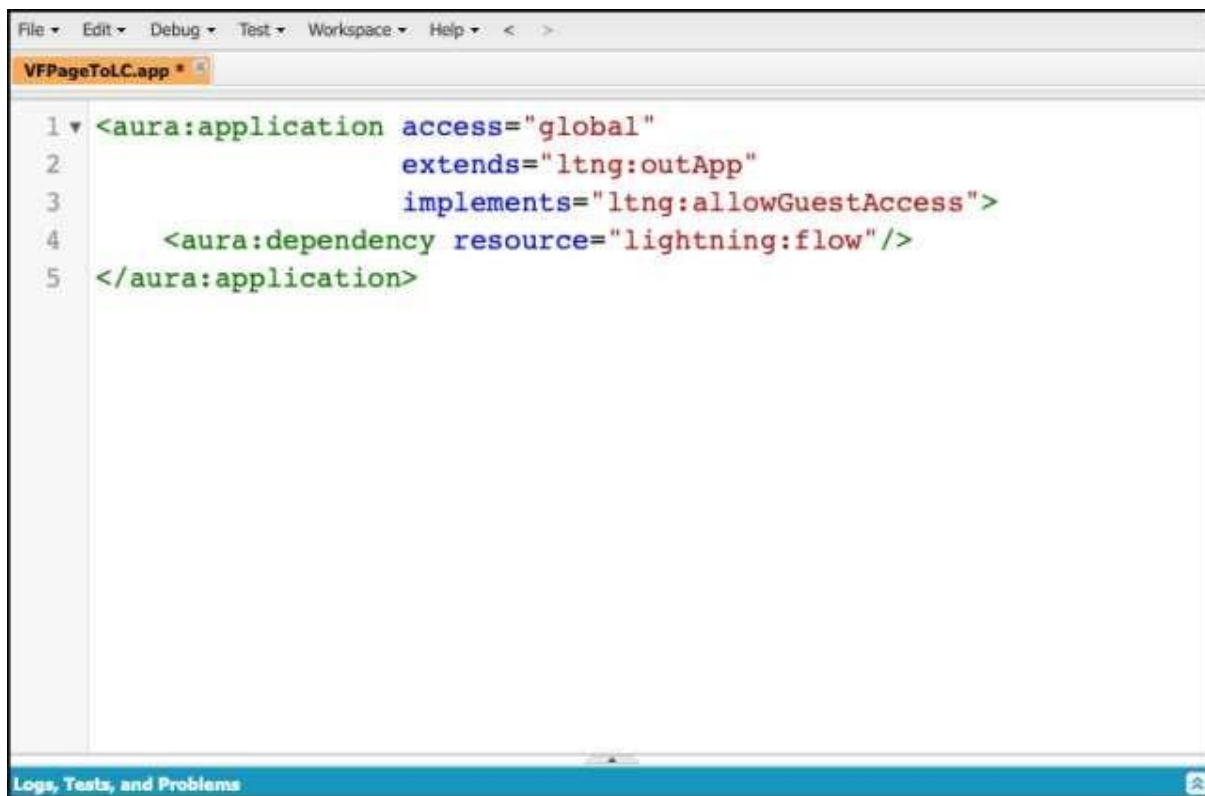
Step 5: Create a Lightning Application to Render Lightning Runtime for Flow in a Visualforce Page

Now we will create a Lightning Application that declares a dependency on the **lightning:flow** component.

## 1. Click Setup | Developer Console



2. Navigate to **File | New | Lightning Application**
3. Enter a **Name (VFPageToLC)** field, make sure to select the **Lightning Out Dependency App** checkbox.
4. Click **Submit**.
5. Copy code from **GitHub** and paste it into your Lightning Application.
6. **Save** your code.

A screenshot of an IDE window titled 'VFPPageToLC.app'. The code editor shows the following XML code:

```
1 <aura:application access="global"
2     extends="ltng:outApp"
3     implements="ltng:allowGuestAccess">
4     <aura:dependency resource="lightning:flow"/>
5 </aura:application>
```

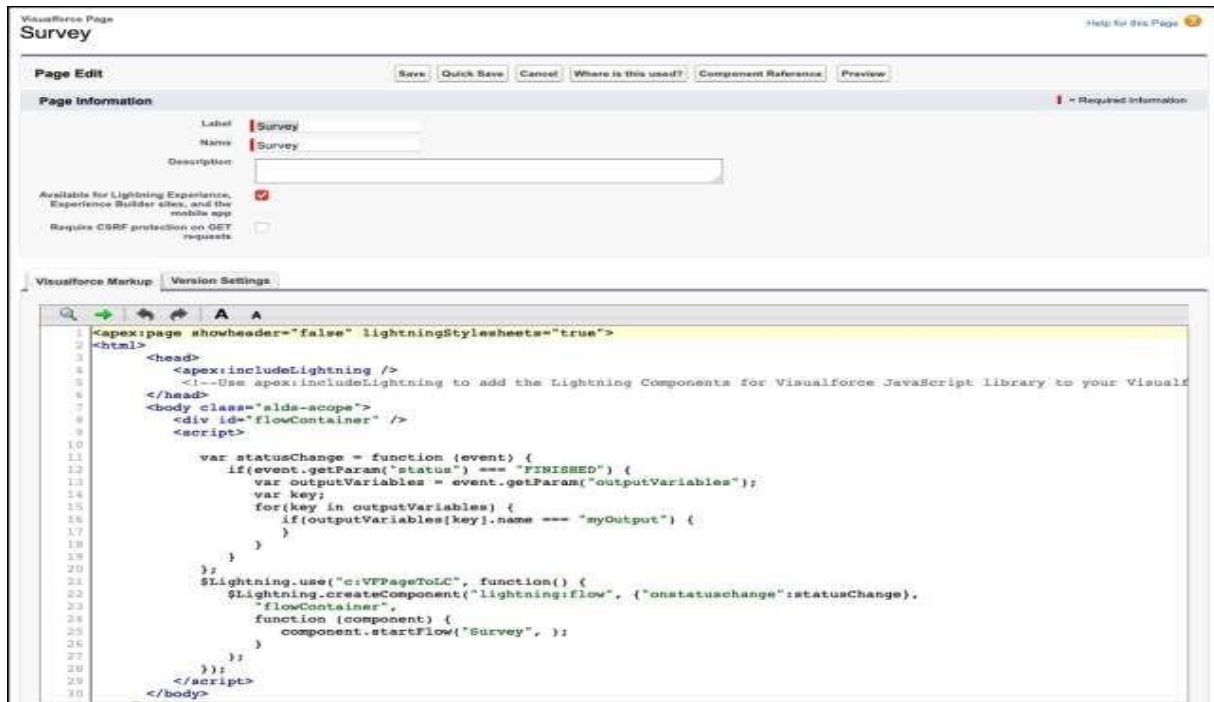
The IDE has a menu bar with 'File', 'Edit', 'Debug', 'Test', 'Workspace', and 'Help'. At the bottom, there is a blue bar labeled 'Logs, Tests, and Problems'.

Step 6: Create a Visualforce Page and Embed Your Flow Into It

Now we will create a Lightning Application that declares a dependency on the **lightning:flow** component.

Add the Lightning Components for Visualforce JavaScript library to your Visualforce page using the **<apex:includeLightning/>** component. In the Visualforce page, reference the dependency app. Then write a JavaScript function that creates the component on the page using **\$Lightning.createComponent()**

1. Click **Setup**.
2. In the Quick Find box, type **Visualforce Pages**.
3. Clicks on the **New** button.
4. Copy code from **GitHub** and paste it into your visualforce page
5. Click **Save**.



## Step 7: Create a Force.com Site to Open Your Flow for Unauthenticated Access

Now we will create a site to open the flow for unauthenticated access.

1. Click **Setup**.
2. In the Quick Find box, type **Sites**.
3. Clicks on the **New** button.
4. Fill the details as per the screenshot below:
5. Click **Save**.

Site Edit

SaveCancel

Site Label

Survey

i

Site Name

Survey

i

Site Description

Site Contact

Rakesh Gupta

i

Default Record Owner

Rakesh Gupta

i

Default Web Address

http://kathihar-developer-edition.gus.force.com/ survey

i

Active

☒

i

Active Site Home Page

Survey

[Preview]

Inactive Site Home Page

InMaintenance

[Preview]

Site Template

SiteTemplate

i

Site Robots.txt

Site Favorite Icon

Analytics Tracking Code

i

URL Rewriter Class

i

Enable Feeds

☐

Clickjack Protection Level

Allow framing by the same origin only (Recommended)

i

Require Secure Connections (HTTPS)

☒

i

Lightning Features for Guest Users

☒

i

Upgrade all requests to HTTPS

☒

i

Enable Content Sniffing Protection

☒

i

Enable Browser Cross Site Scripting Protection

☒

i

Referrer URL Protection

☒

i

Guest Access to the Payments API

☐

i

Under site, **Public Access Settings** make sure that guest users have **Create** access on **Survey Result** object and **Edit** on the **fields**.

## Proof of Concept

Now onward, if someone opens the site url and fills the form:

Survey

Name

First Name

Alok

Last Name

Sinfal

\* Email

\* Rating

5

\* Comment

Awesome Blog

Next

After successful submission, he/she will receive an email.

