# NAAN MUDHAL: VAN Salesforce Developer (Course) 'Assignment no I

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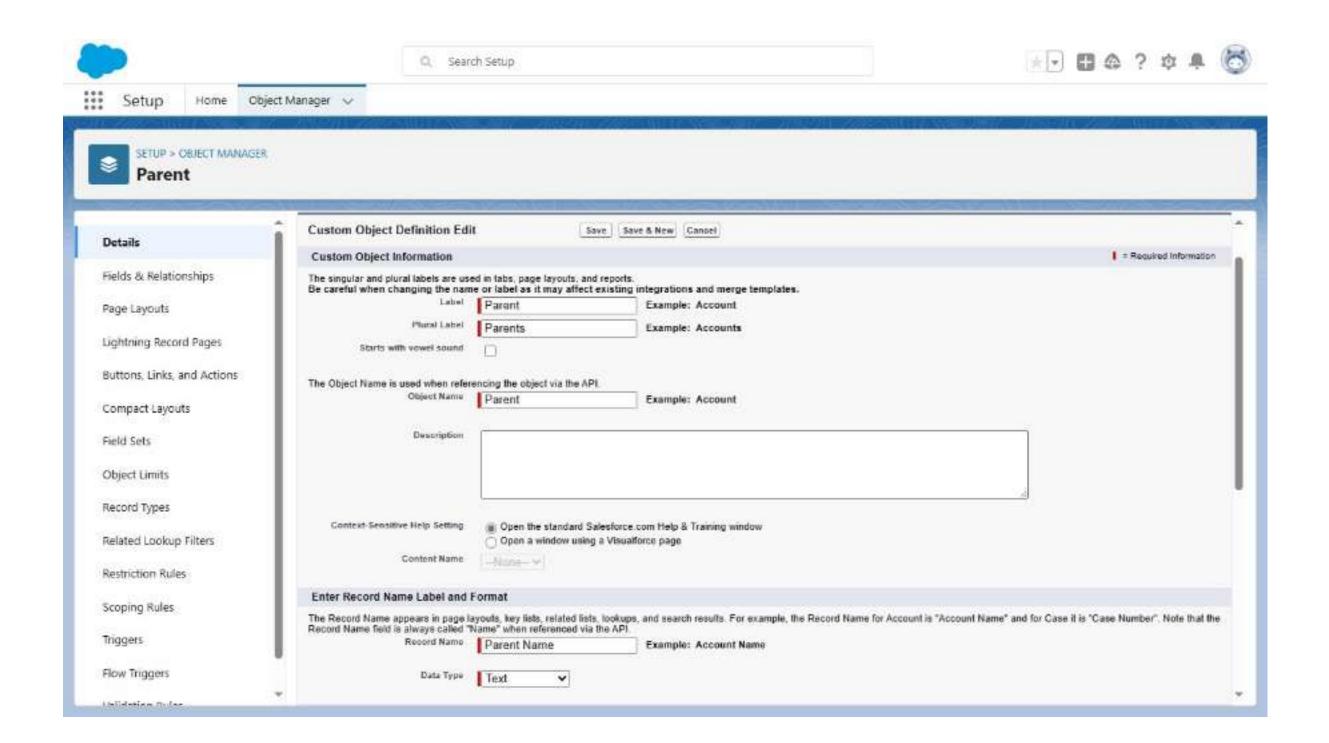
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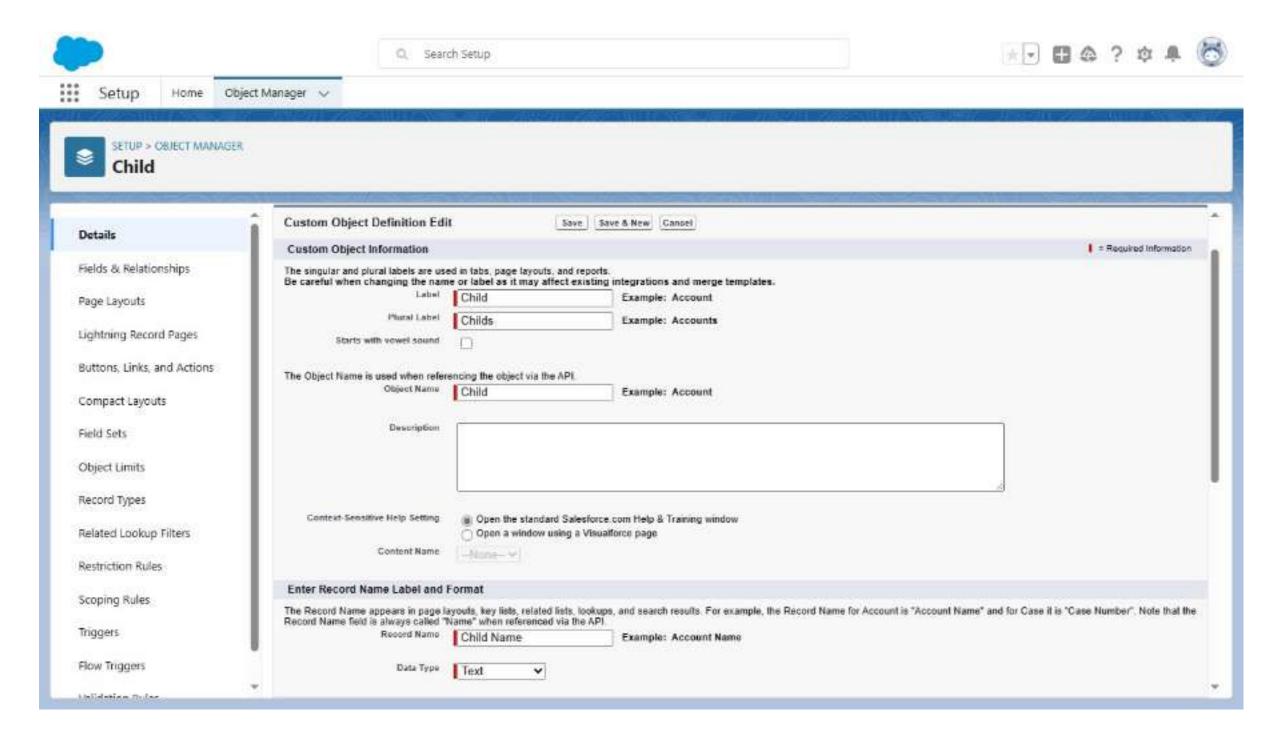
Batch: 2024

Zone no: Zone 8

1. Creating a Master-Detail Relationship between two customobjects and setting up a Roll-Up Summary Field to calculate the total number of records in the child object is a common task in Salesforce. Beloware the steps to achieve this:

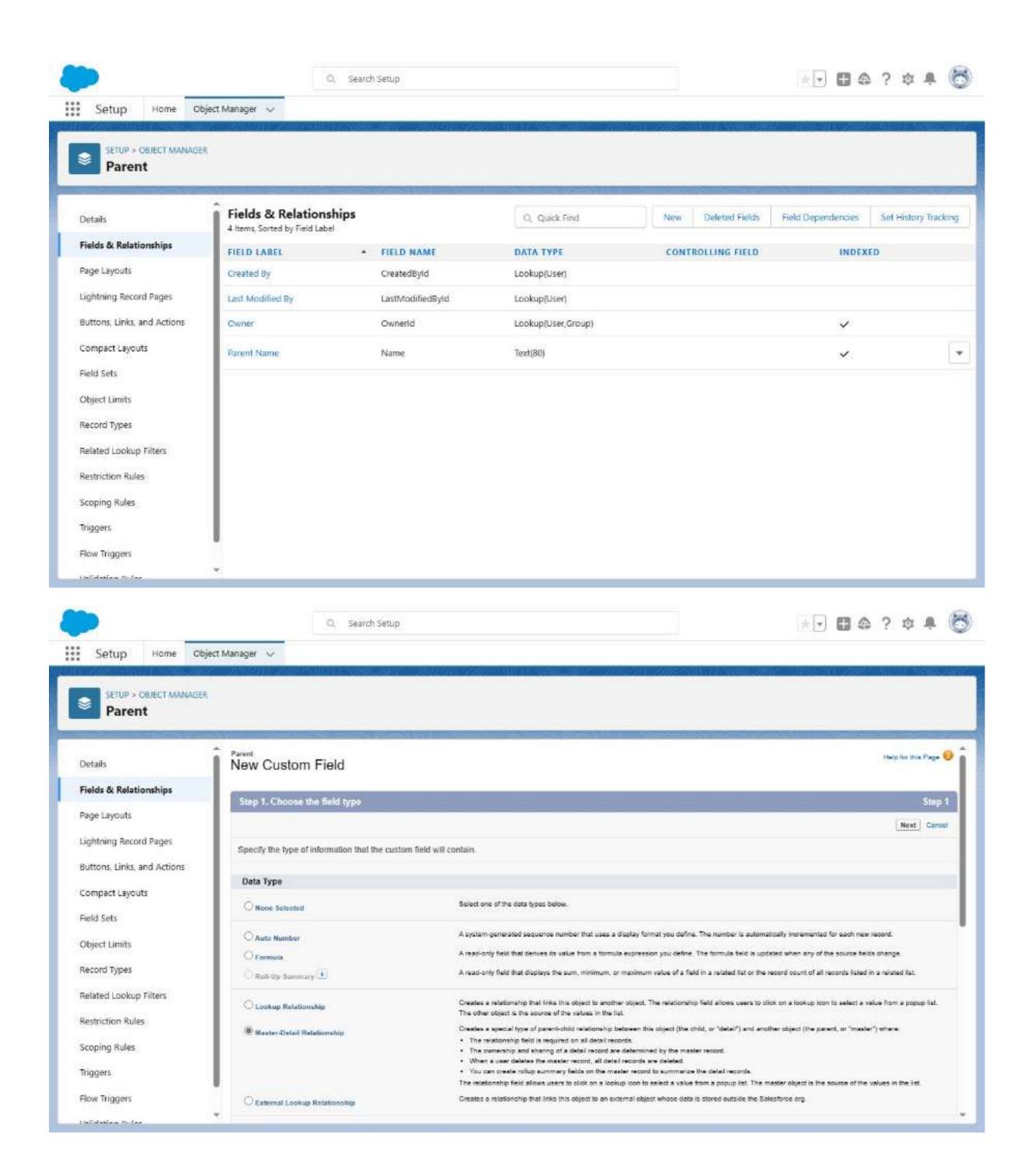
Step 1: Create Custem bjects.

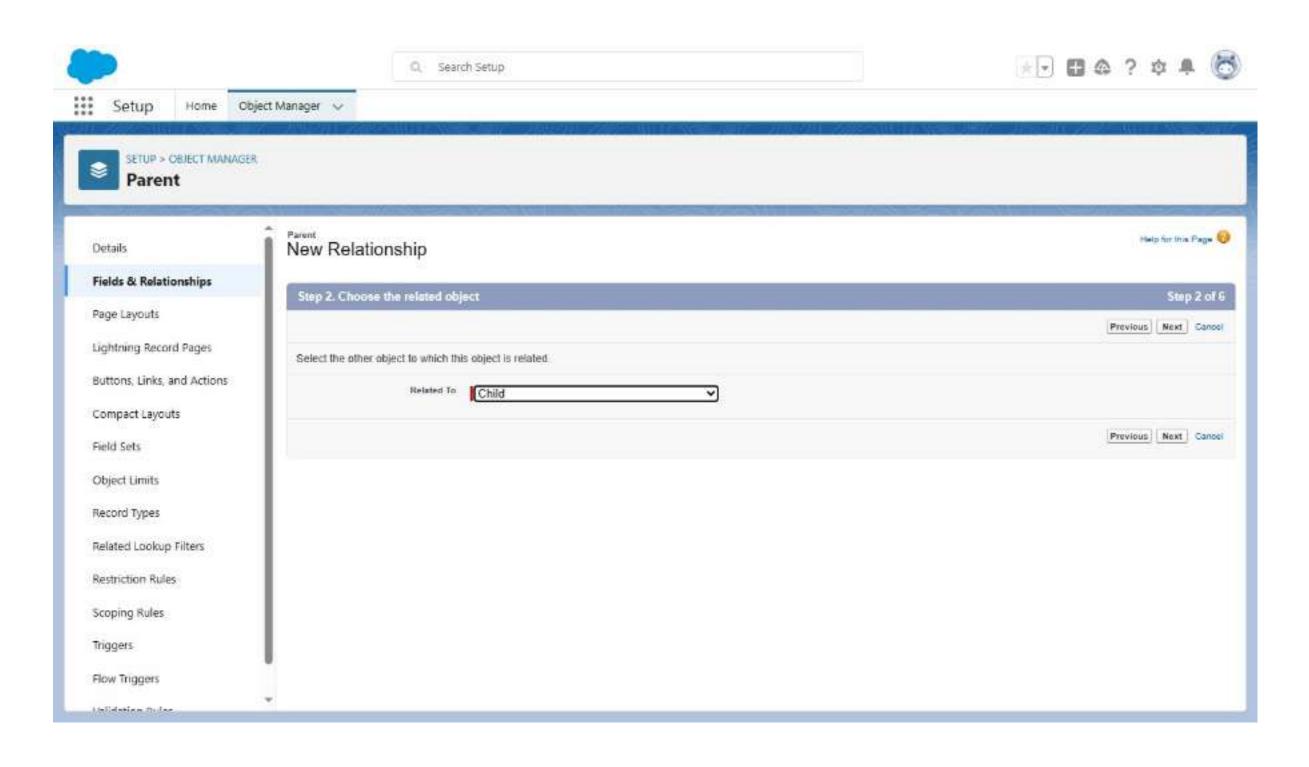


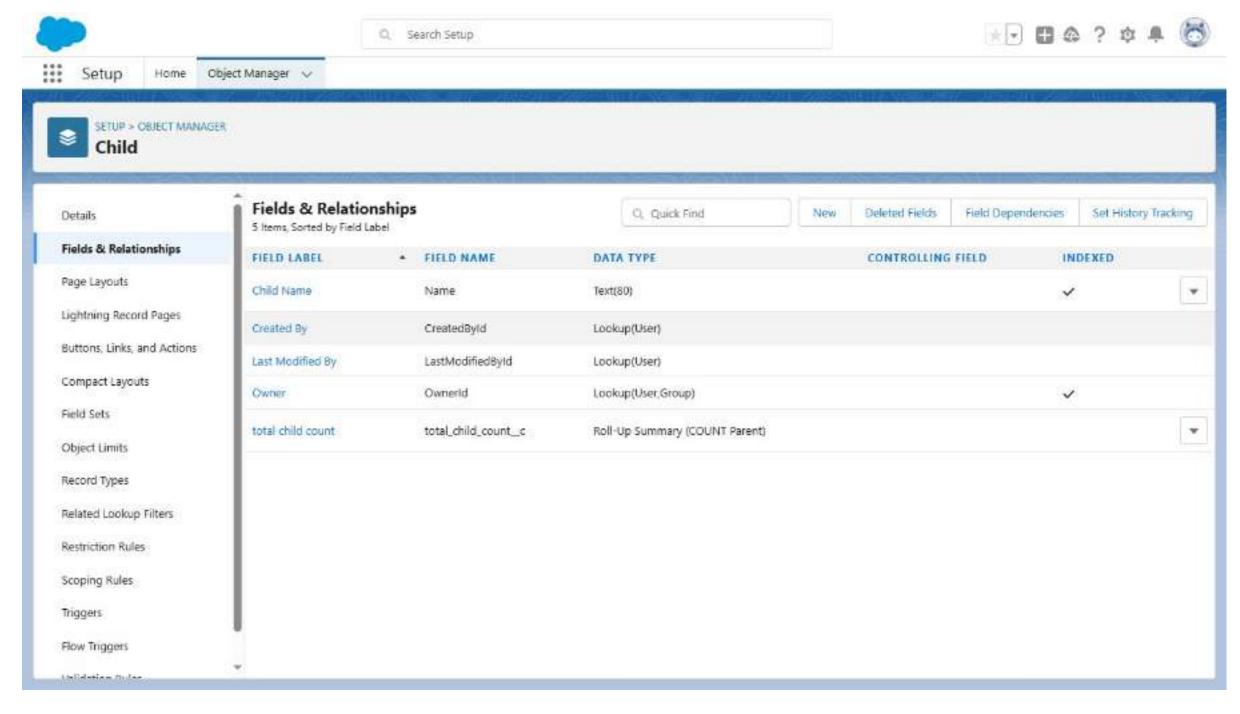


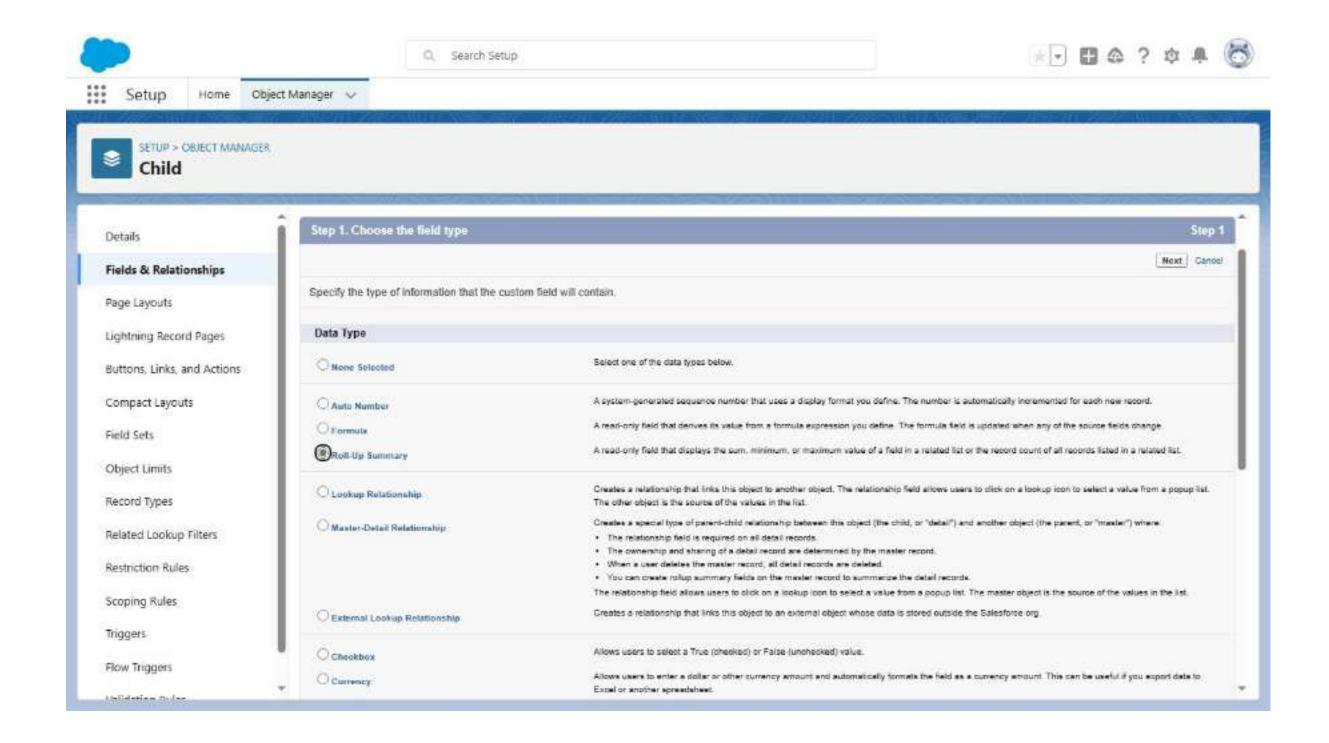
Step 2: Create a Master-Detail Relationship

- 1. Gete "Setup" in Salesferce.
- 2. In the Quick Find box, type "Spjects" and select "Spjects and Fields" > "Spjects".
- 3. Click on "Parent" to edit it.
- 4. In the "Custom Fields & Relationships" section, click "New" under "Related Too".
- 5. Charge "Master-Detail Relationship" as the data type.
- 6. In the "Related Too" field, select "Child".
- 7. Configure other options as needed (e.g., setting the relationship name and whether it's required).
- 8. Save the changes.



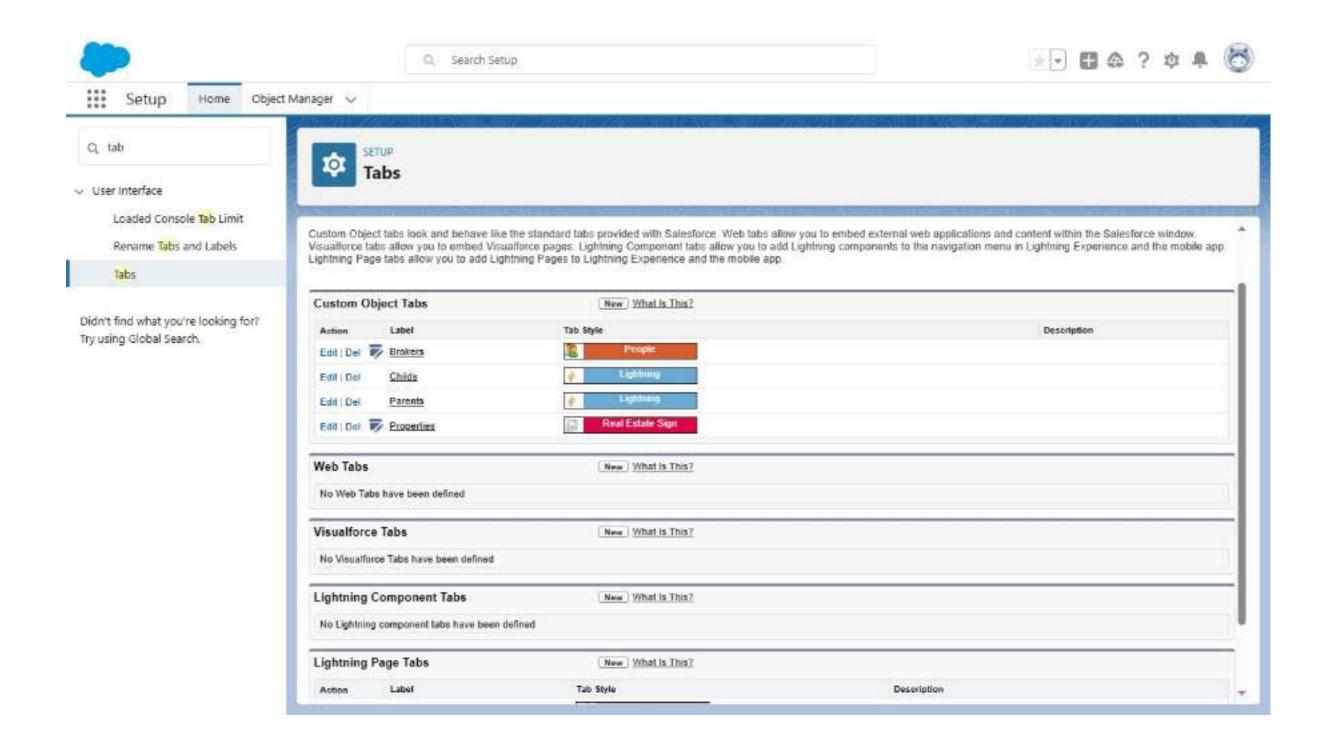






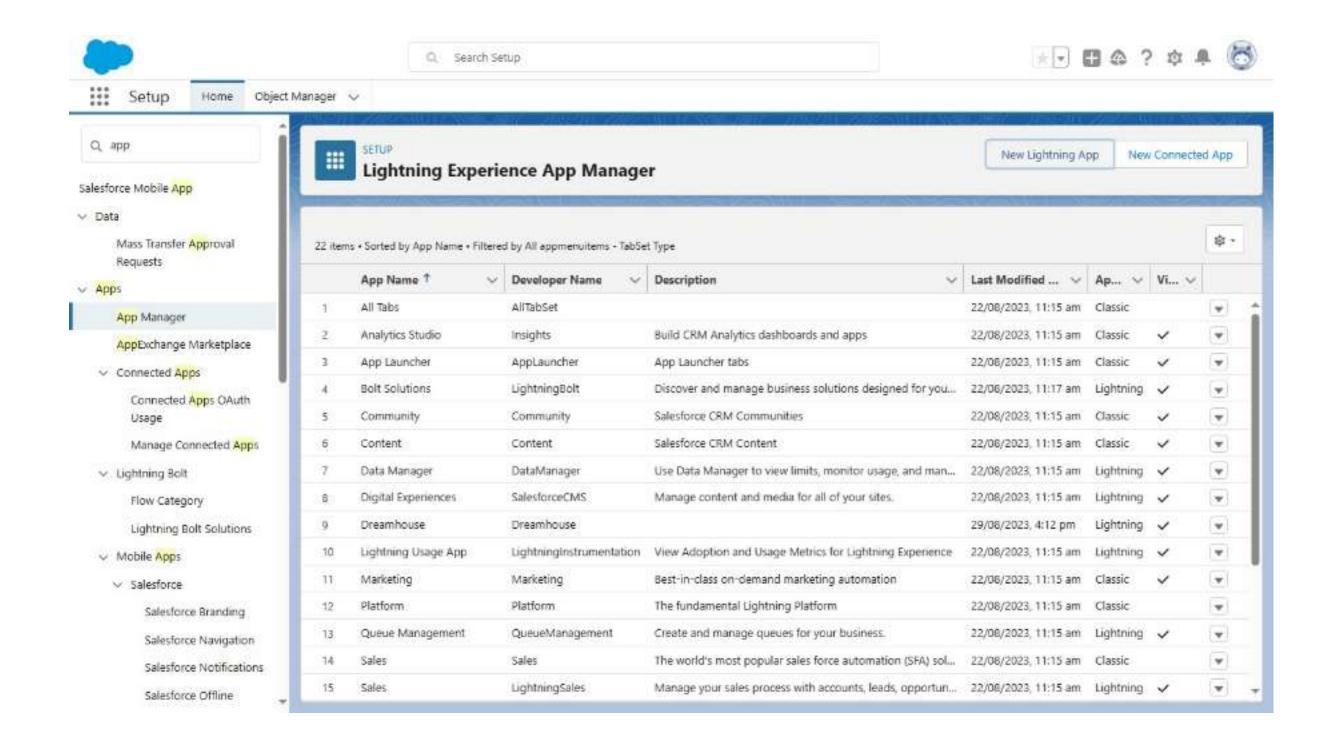
Step 3: Create a Roll-Up Summary Field

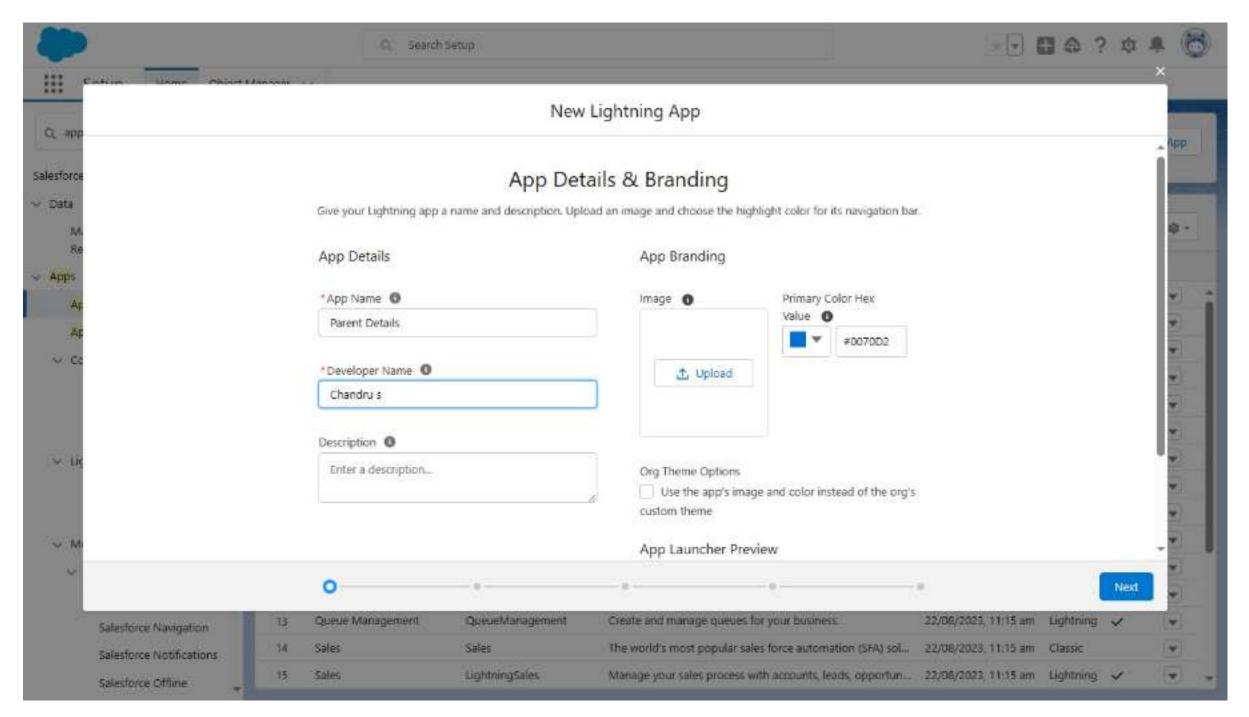
- 1. In the same "Parent" editing page, scrill downto the "Roll-Up Summary Fields" section.
- 2. Click "New Roll-Up Summary Field."
- 3. Charge the "Child" as the child object for which you want to calculate the total.
- 4. Give your Roll-Up Summary Field a name (e.g., "Total\_Child\_Records\_\_c").
- 5. Choose the type of calculation you want (e.g., "COUNT.").
- 6. Configure any additional filter criteria if needed.
- 7. Save the changes.



Step 4: Update Page Layouts and Record Types (if necessary)

Depending on your use case, you may want to update page layouts and record types to make sure the new relationship and fields are displayed correctly to your users.

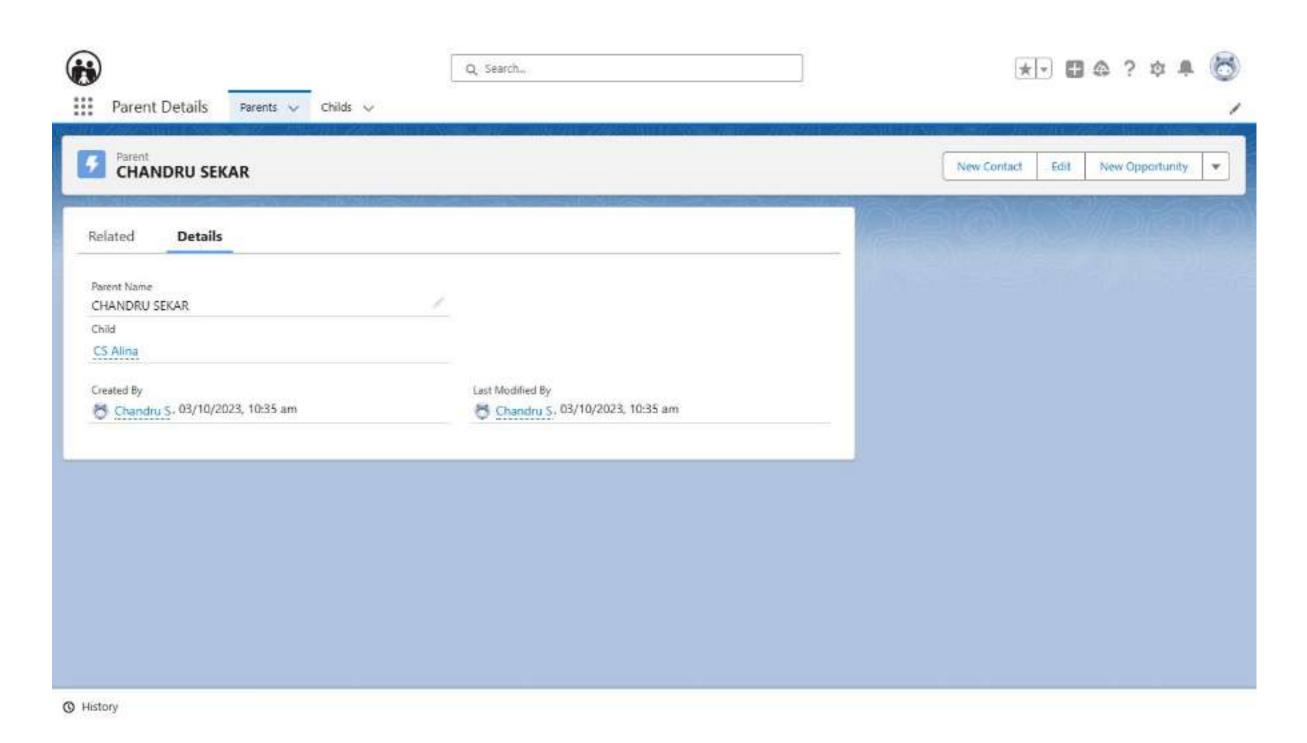




Step 5: Test the Relationship and Roll-Up Summary Field

Create some records in both the Parent and Child objects and verify that the Roll-Up Summary Field correctly calculates the total number of related Child records on the Parent record.

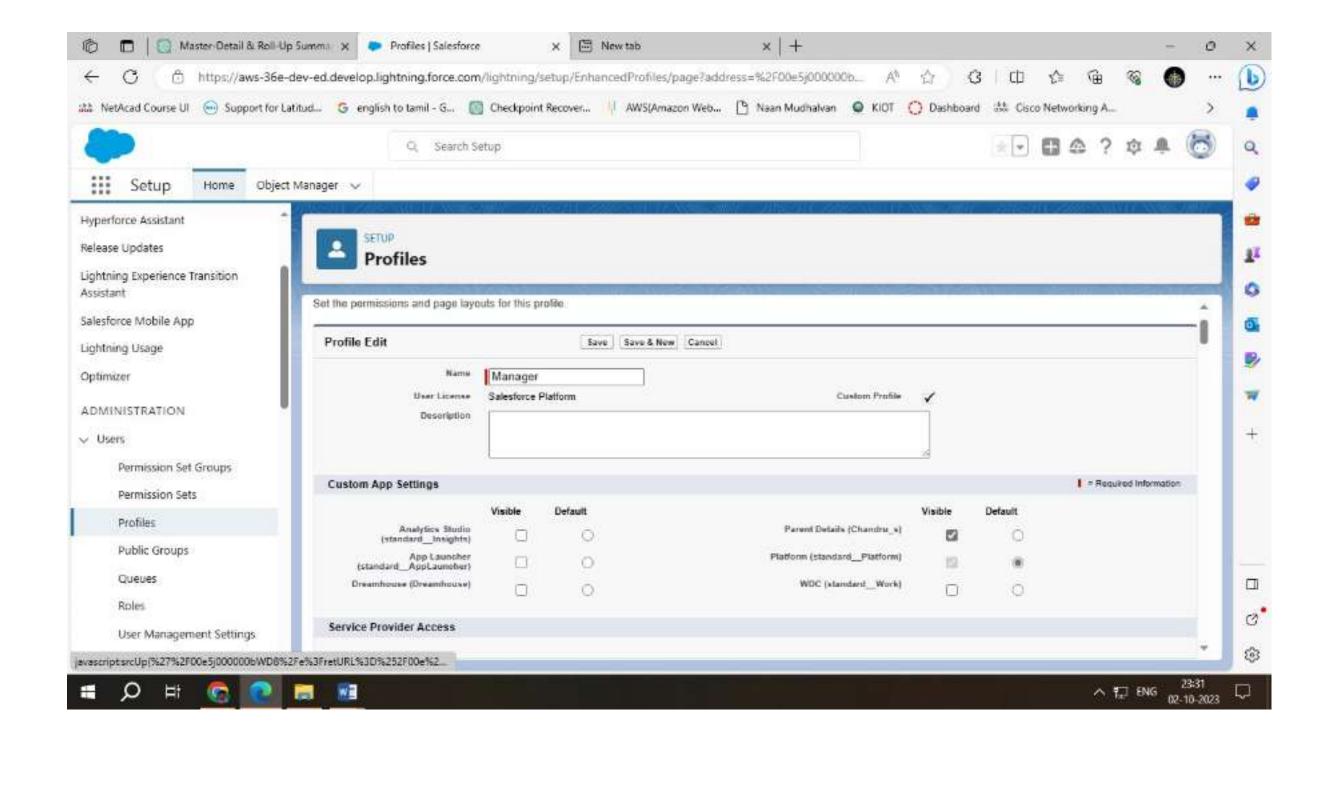
That's it! You've successfully created a Master-Detail relationship between two custom objects (Parent and Child) and set up a Roll-Up Summary Field to calculate the total number of records in the Childobject.

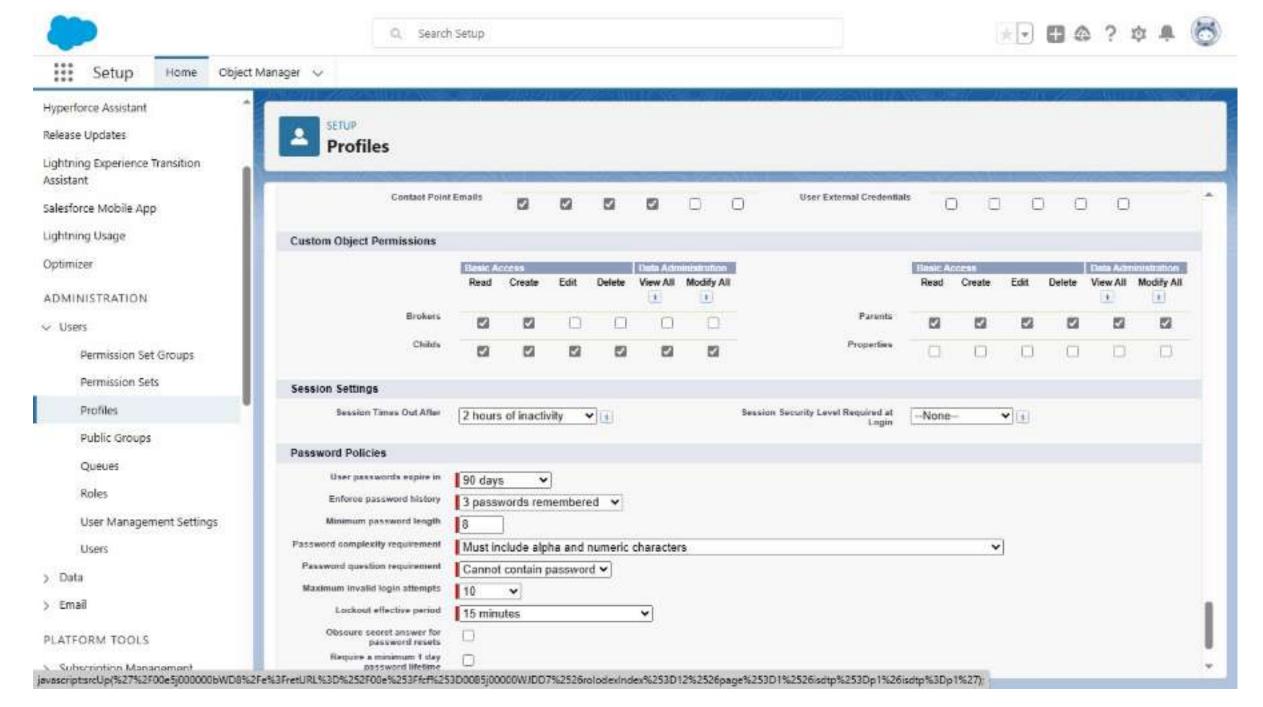


2. If there is 2 user, User A and User B in the organisation and we want in Account object that User A should not see the User B Record and user B should not see User A record then apply th Security for the users.

#### Step 1: Create a Public Group

- 1. Gete "Setup" in Salesferce.
- 2. In the Quick Find box, type "Public Groups" and select it.
- 3. Click on "New Public Group."
- 4. Create a group for User'A, let's call it "User'A\_Group," and add User'Atothis group.
- 5. Create another group for User B, let's call it "User B\_Group," and add User B to this group.





Step 2: Create Criteria-Based Sharing Rules

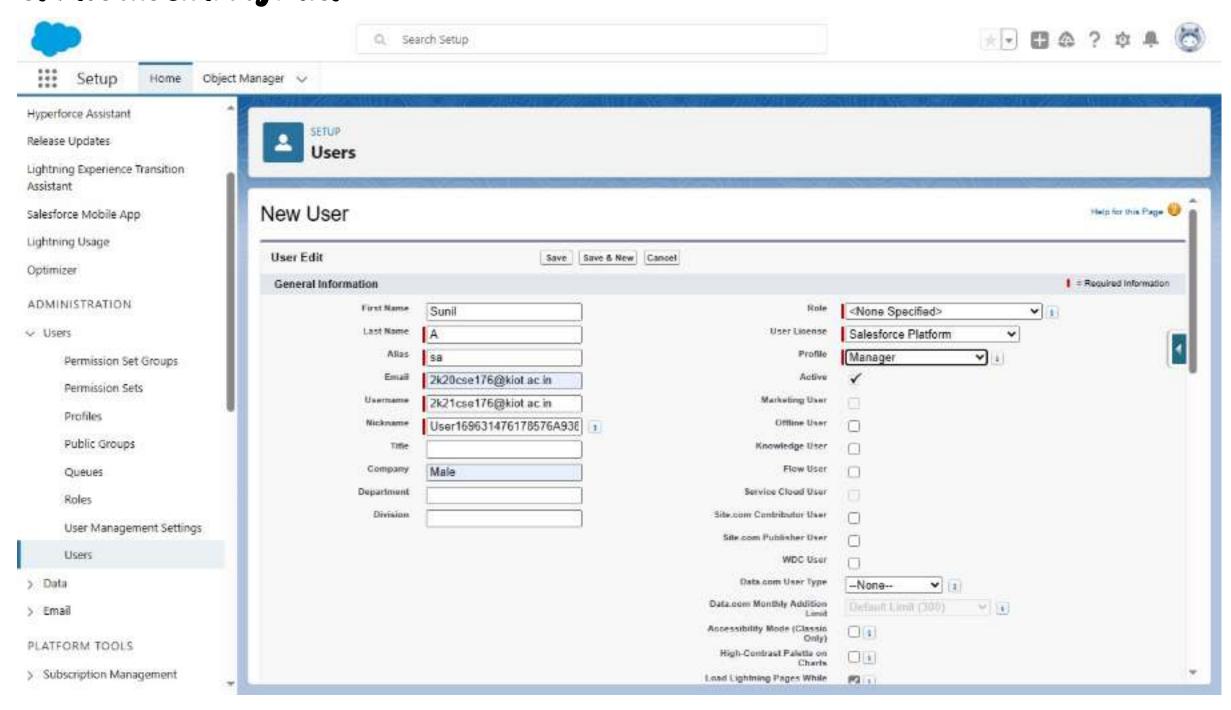
For User'A: 1. Goto "Setup" in Salesforce.

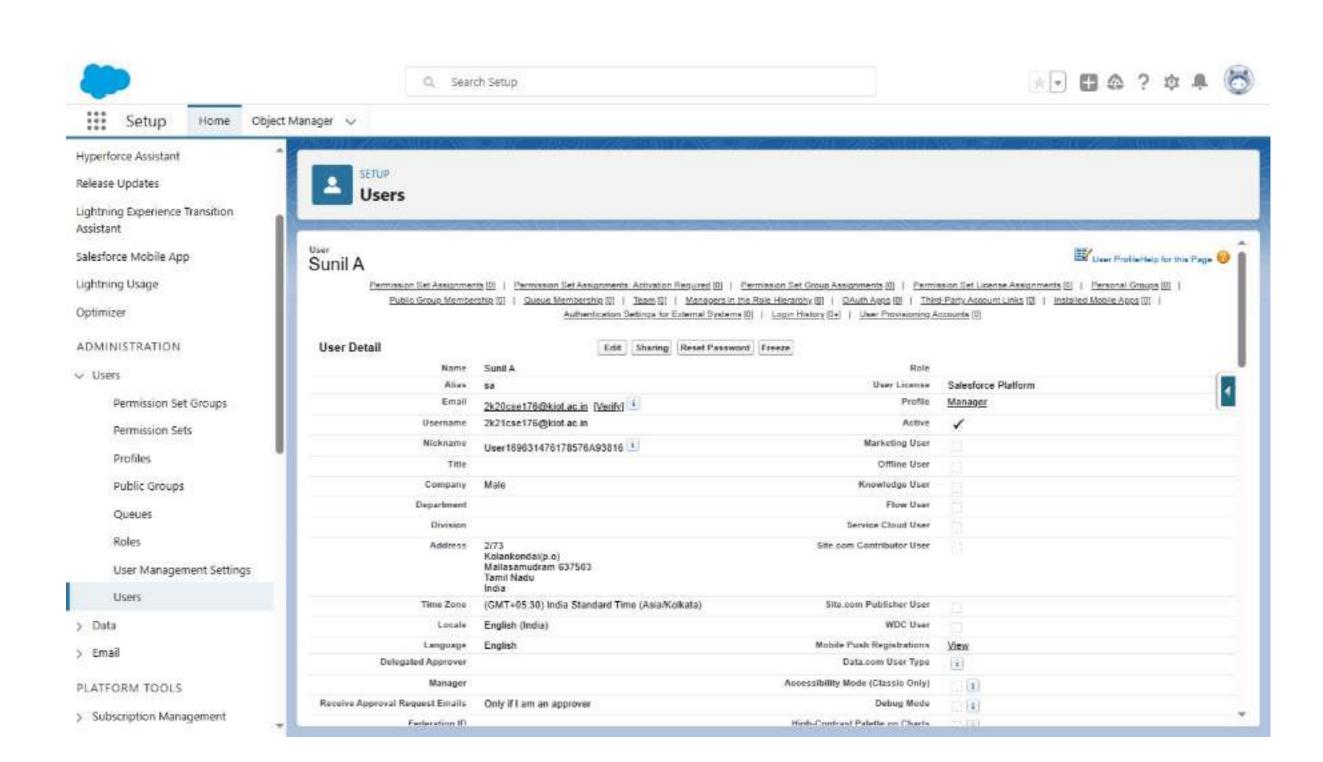
- 2. In the Quick Find box, type "Sharing Rules" and select "Sharing Settings."
- 3. Under "Account Sharing Rules," click on "New Sharing Rule."

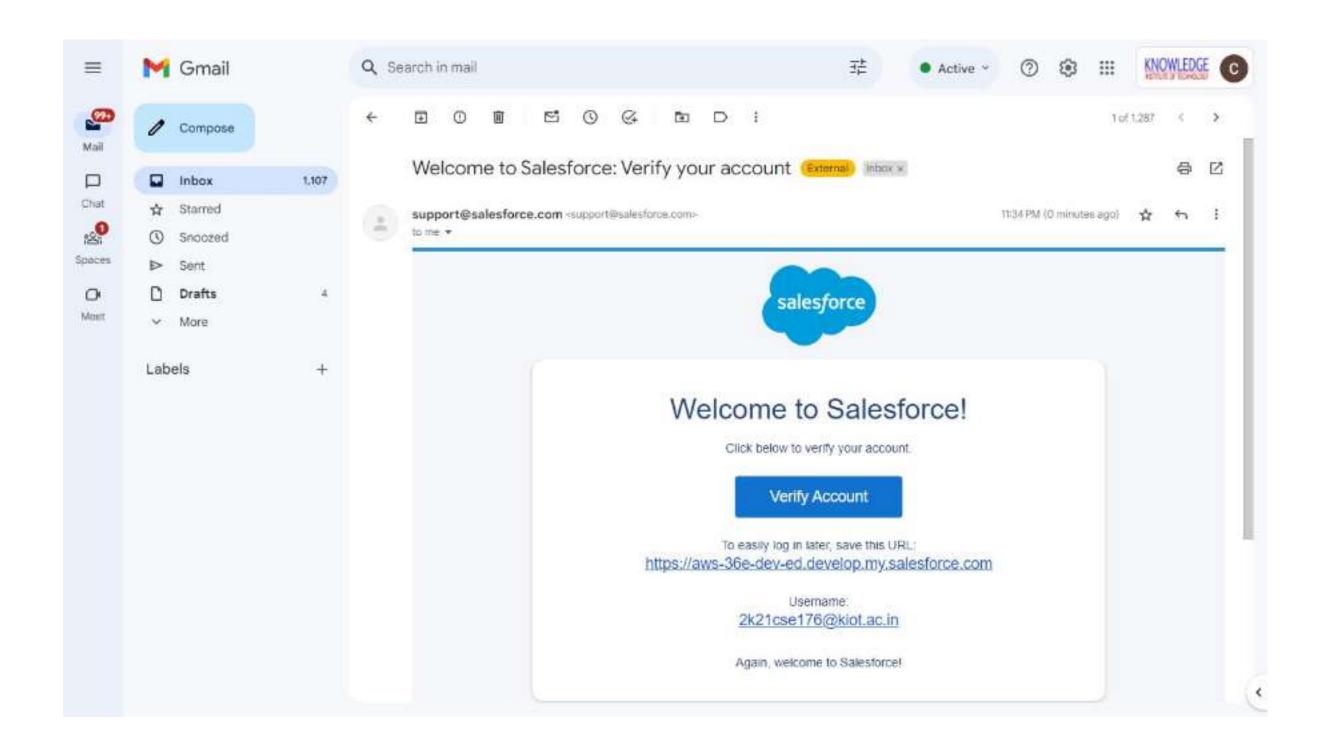
# 4. Create a rule that shares records owned by members of "UserB\_Group" with the "UserA\_Group."

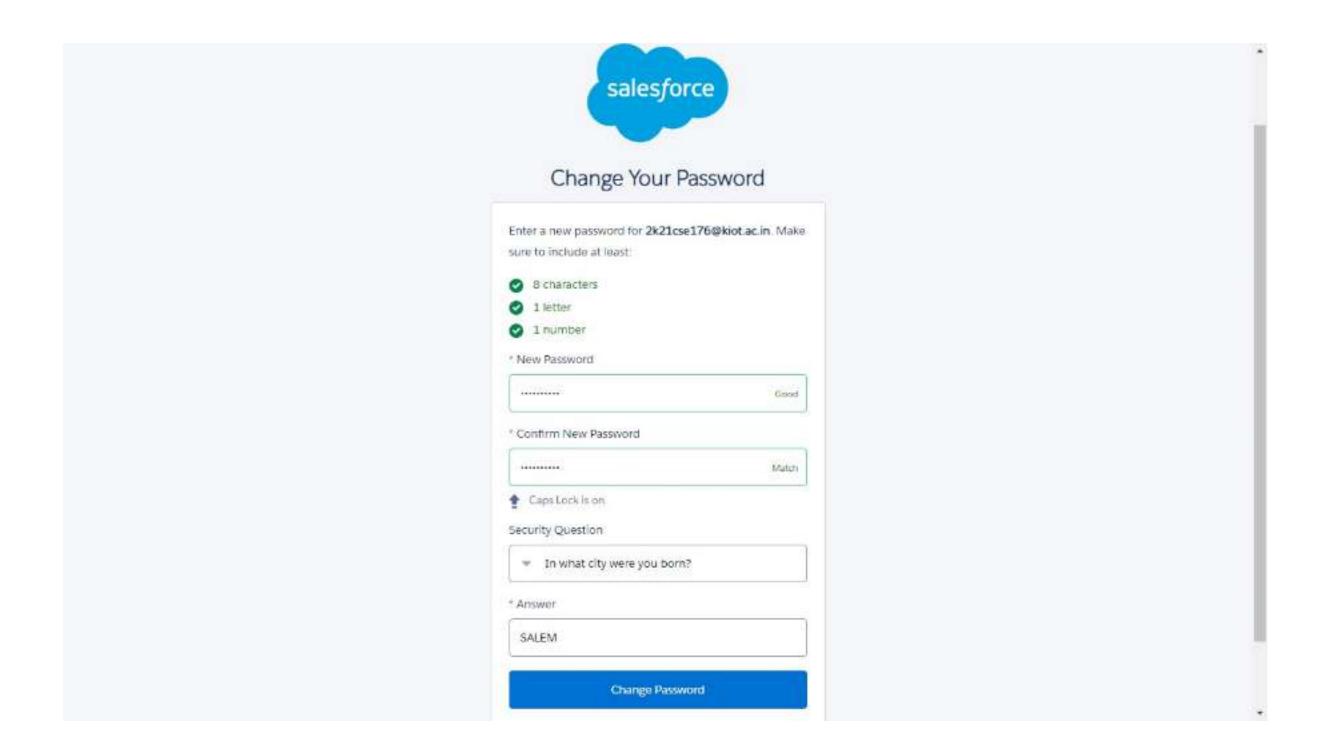
## 5. Define the criteria based on which records should be shared (e.g., ownership).

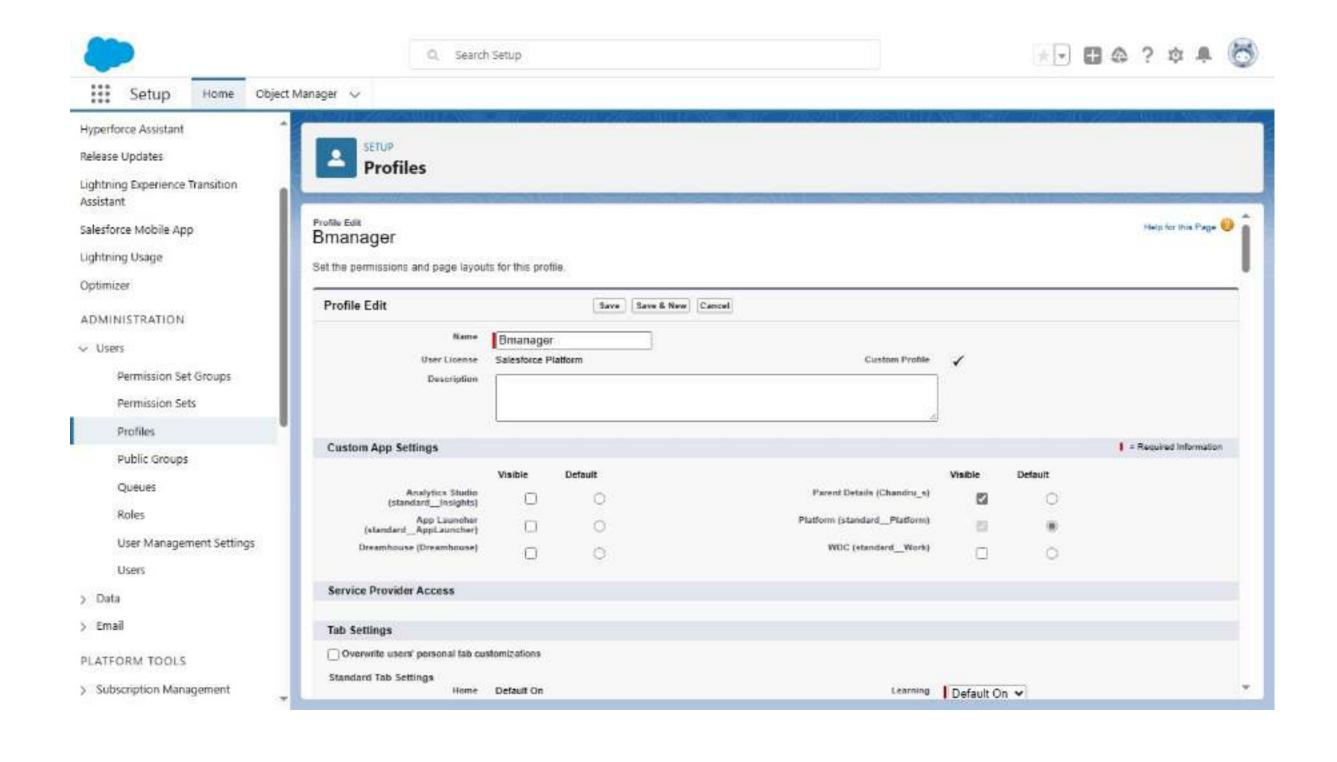
#### 6. Save the sharing rule.

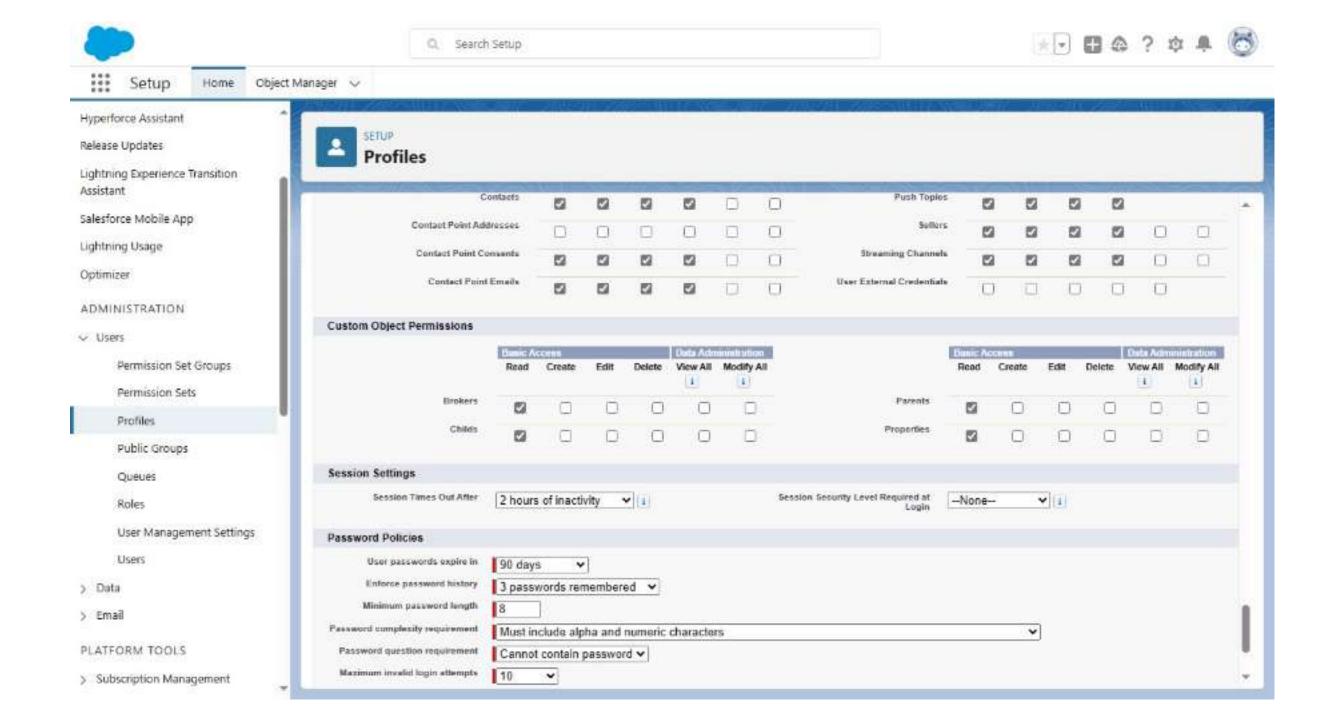










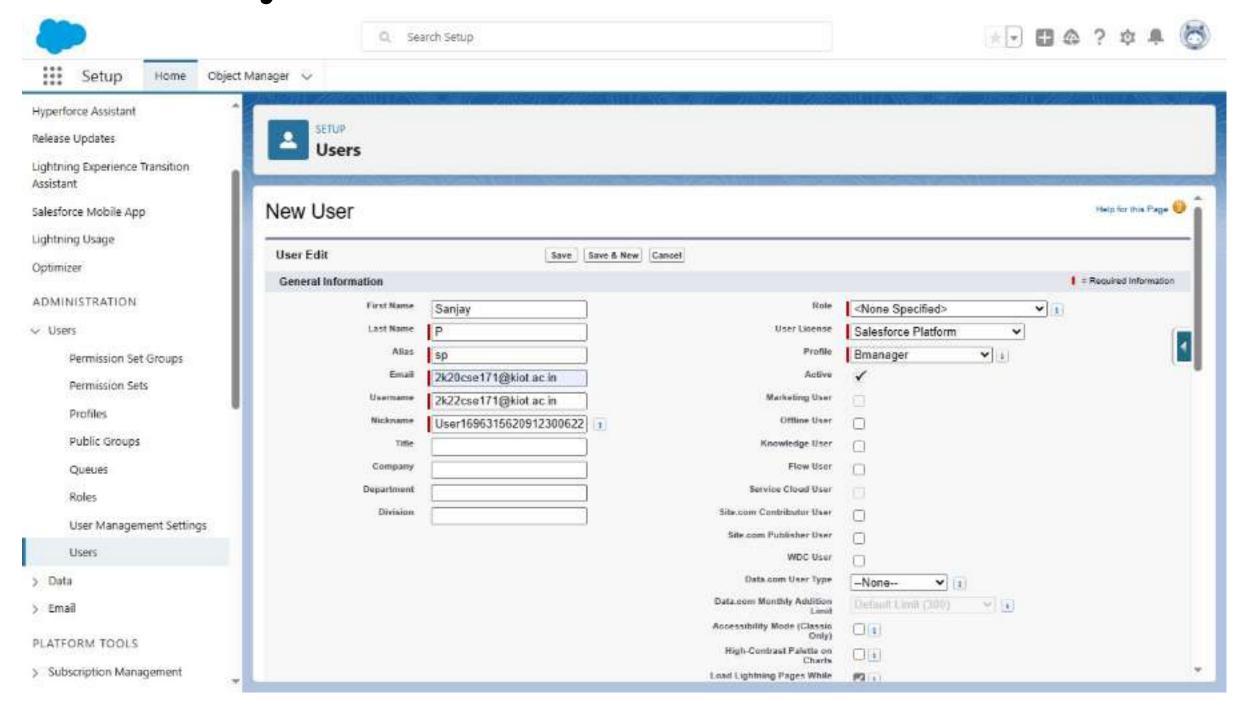


#### For User B:

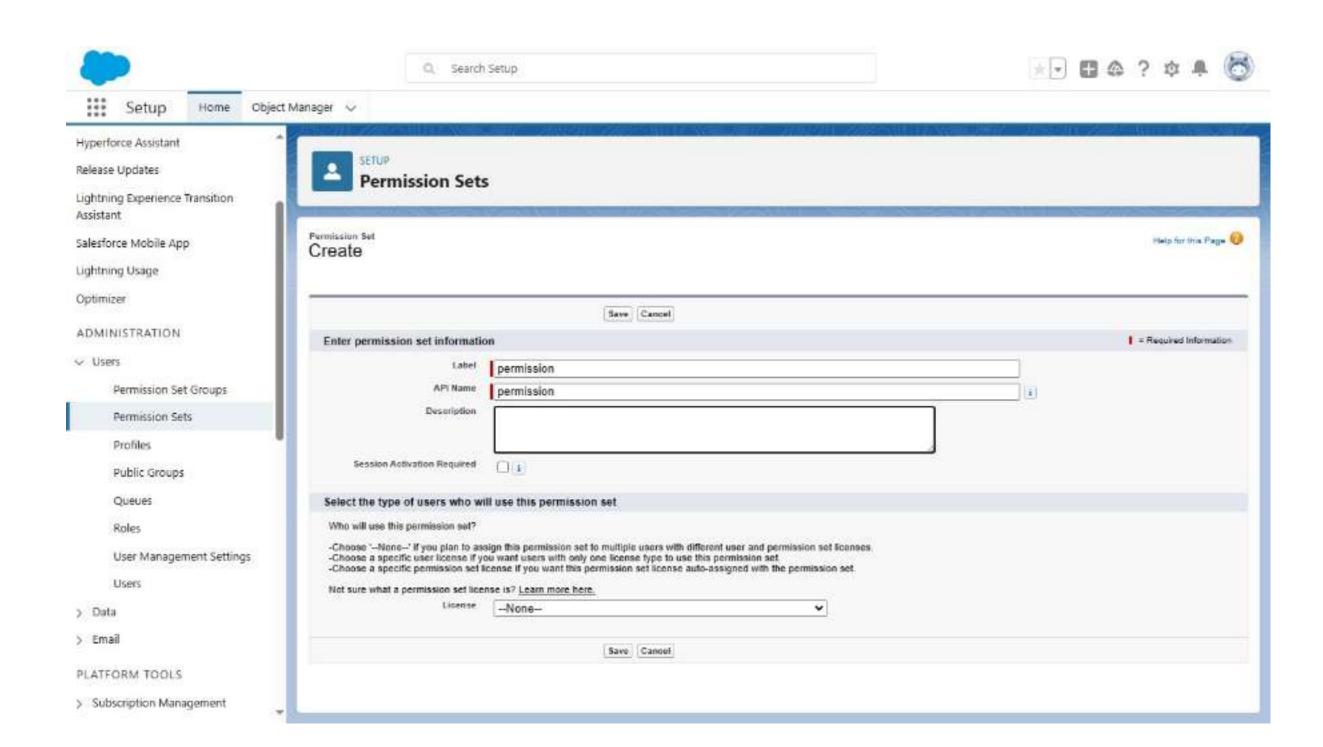
- 1. Follow the same steps as above but create a separate sharing rule for User B.
- 2. This rule should share records owned by members of "UserA\_Group" with the "UserB\_Group."

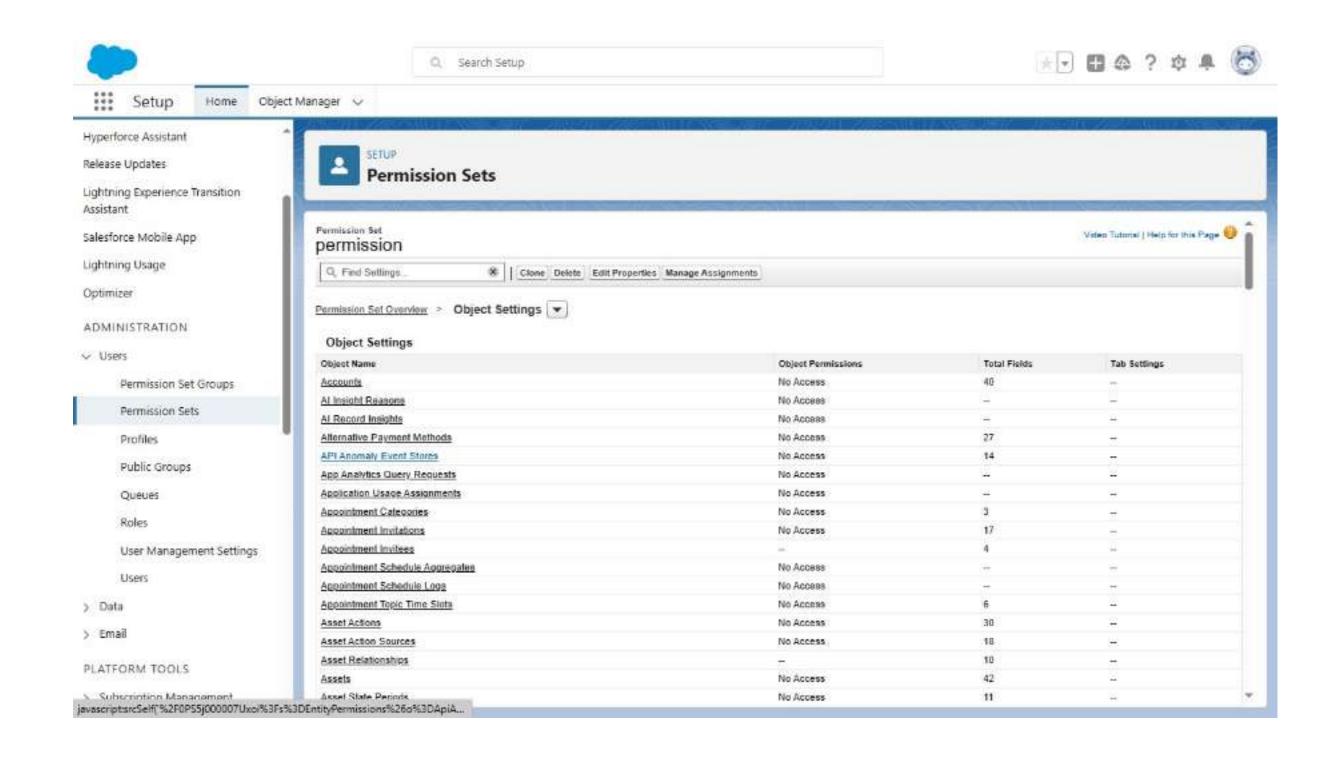
#### 3. Define the criteria based on which records should be shared.

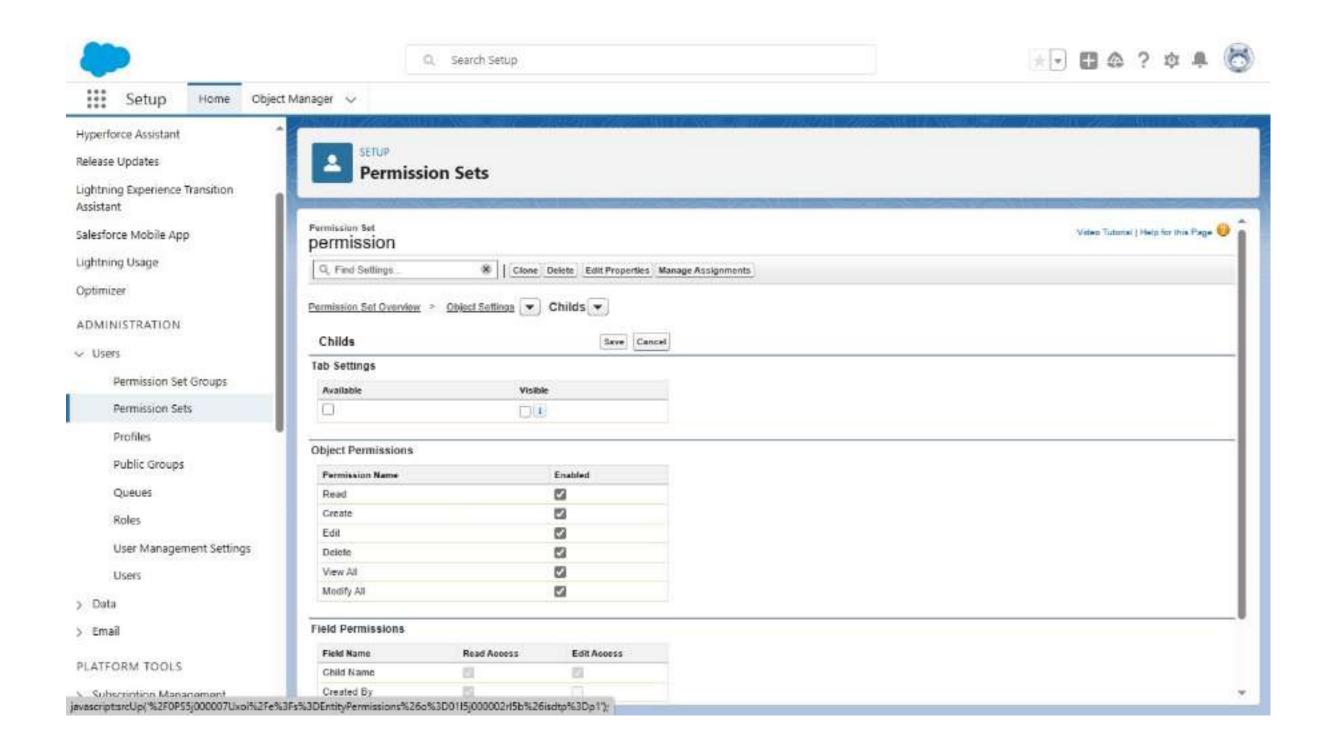
#### 4. Save the sharing rule.

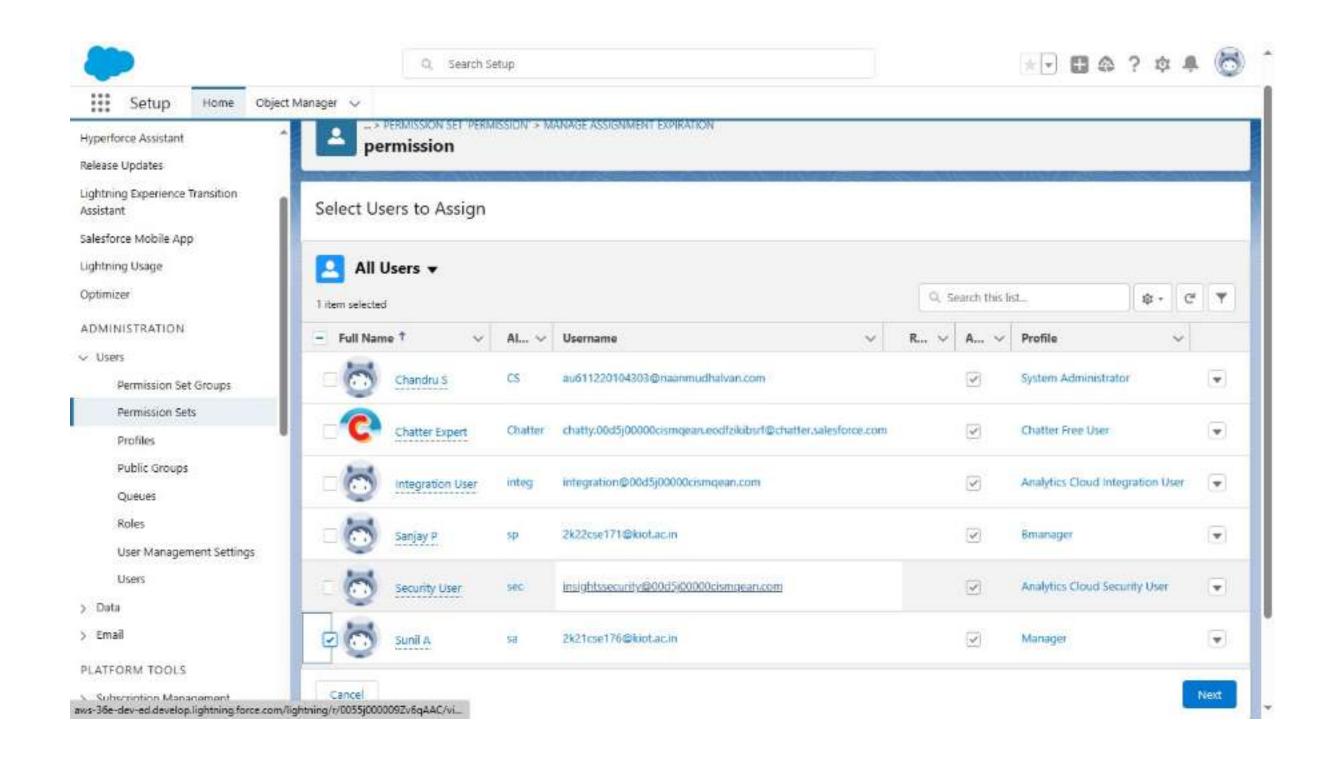


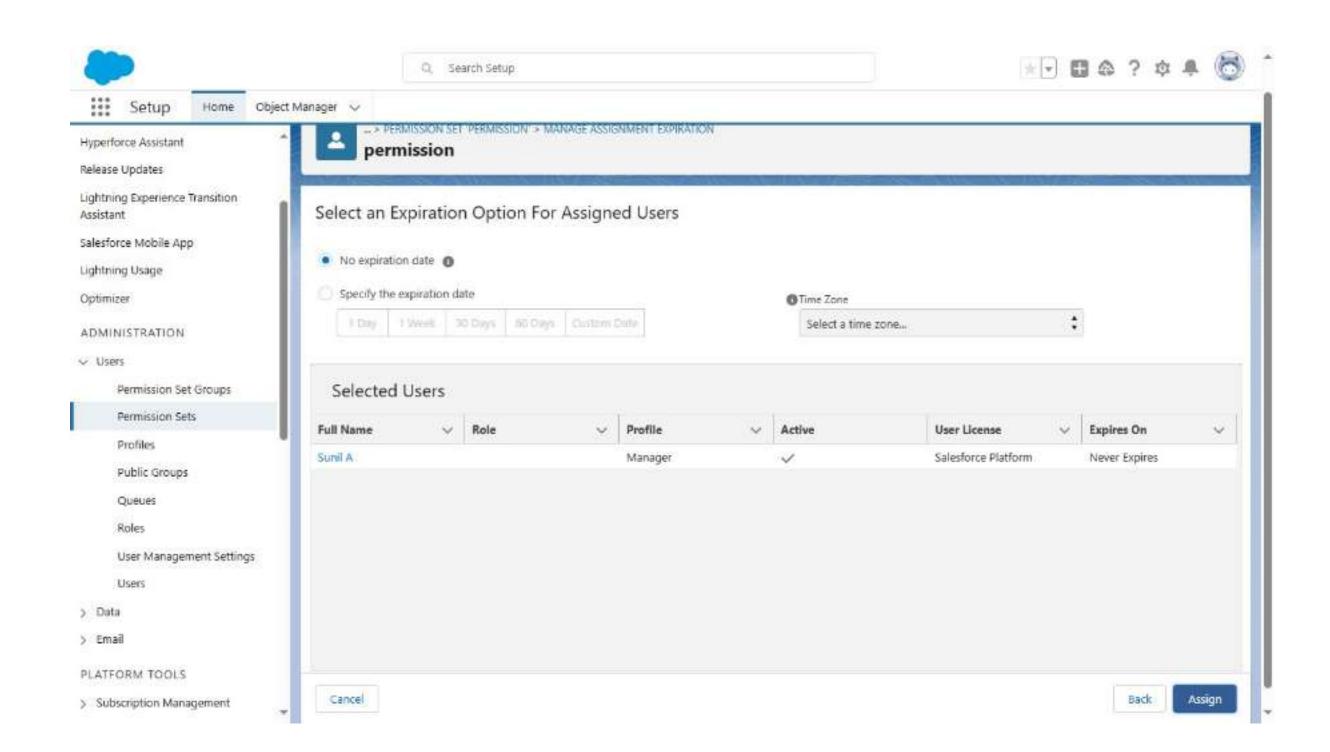
## Step 3: Assign Records Twnership

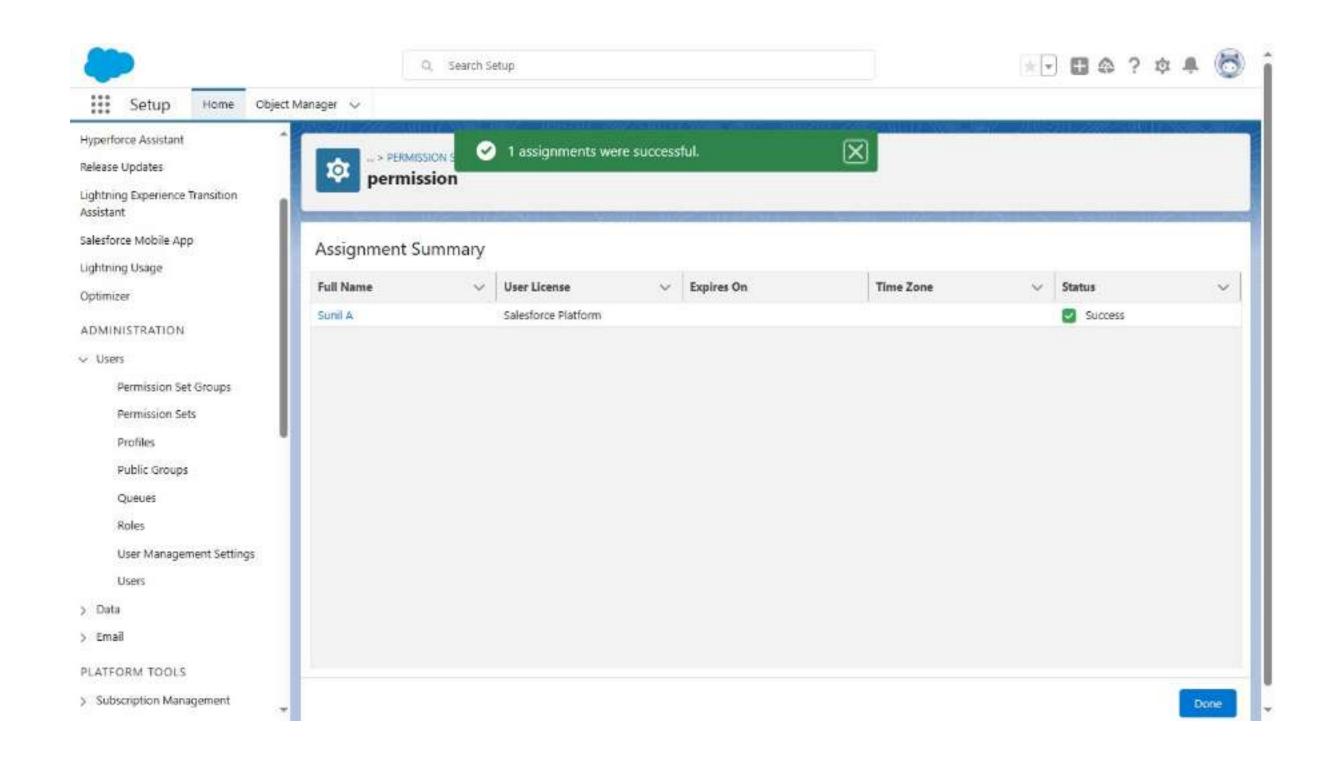


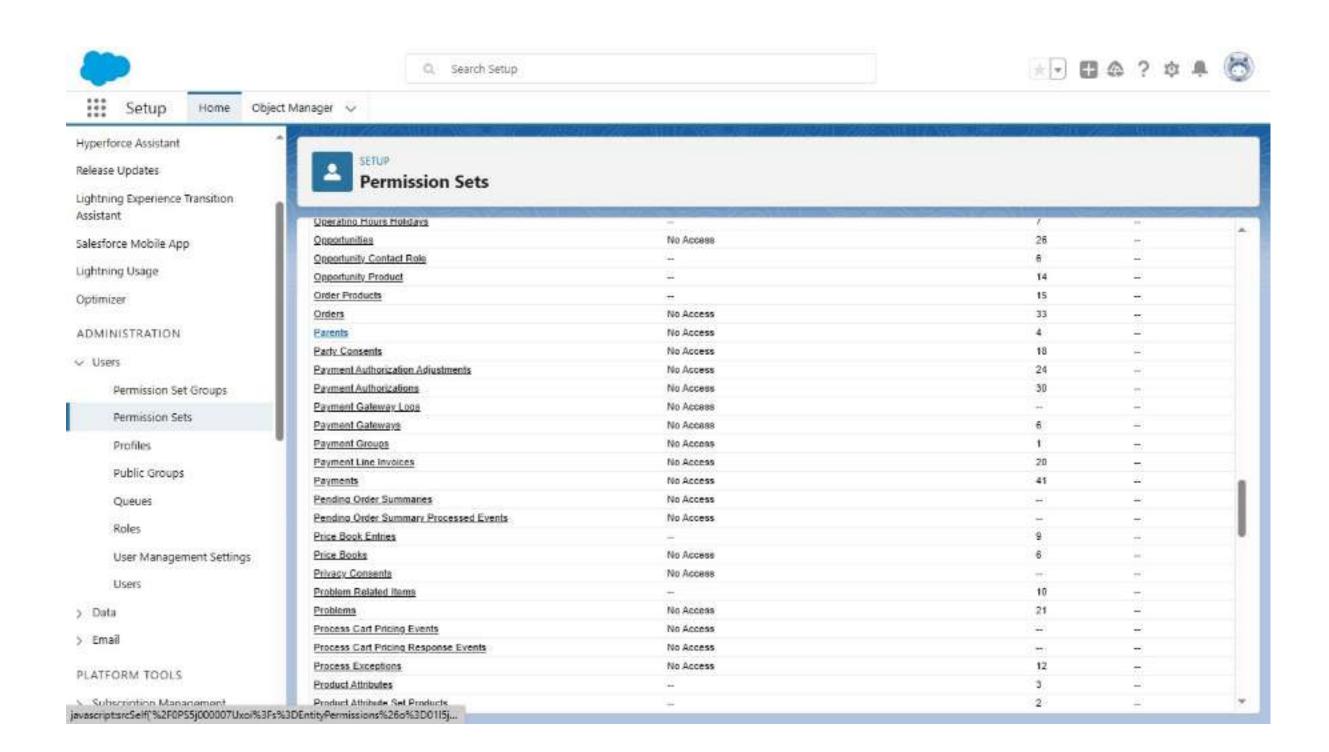


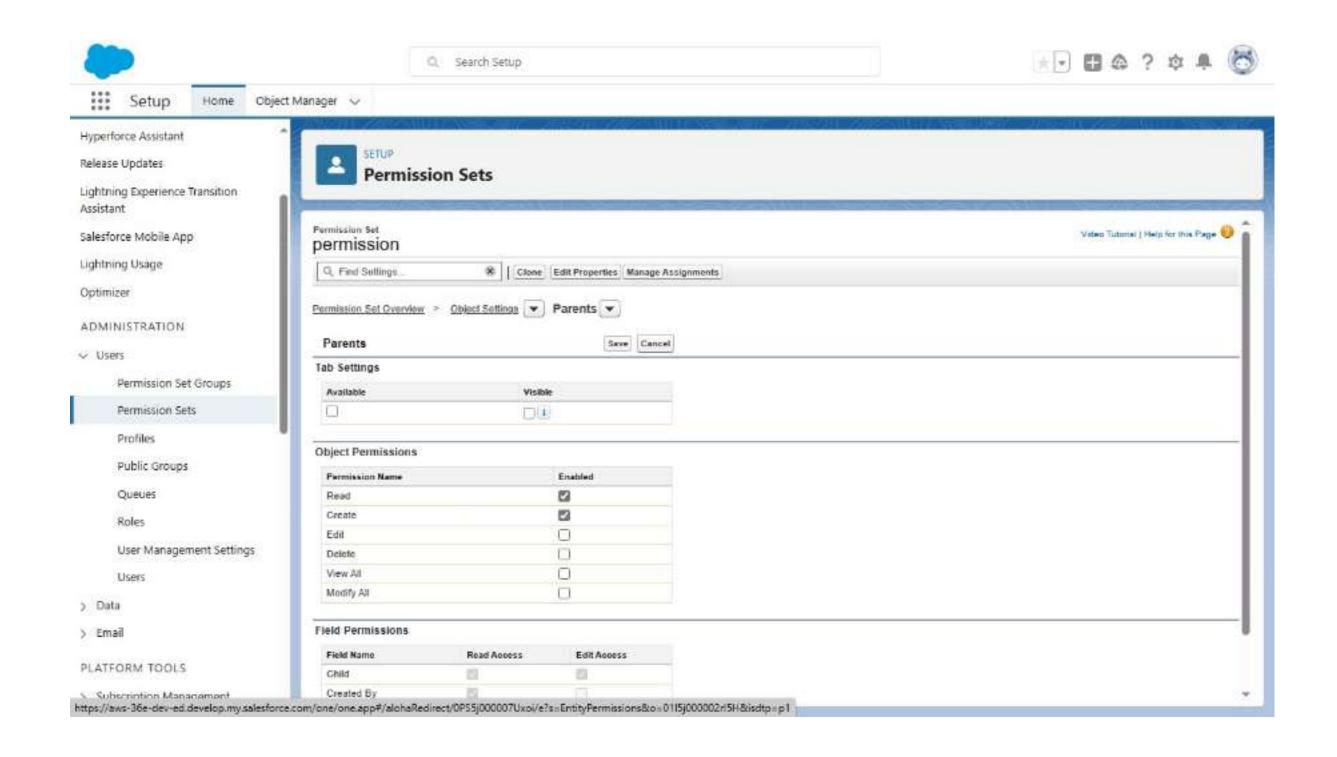


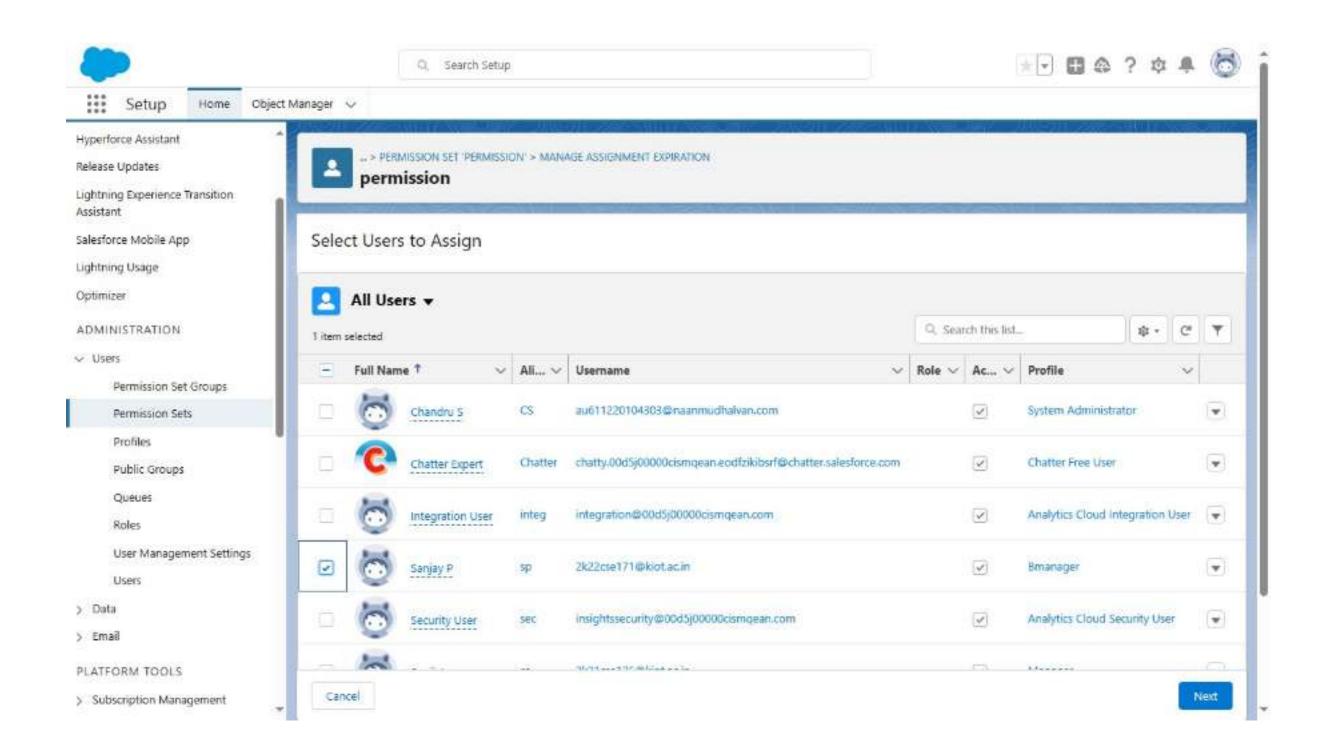


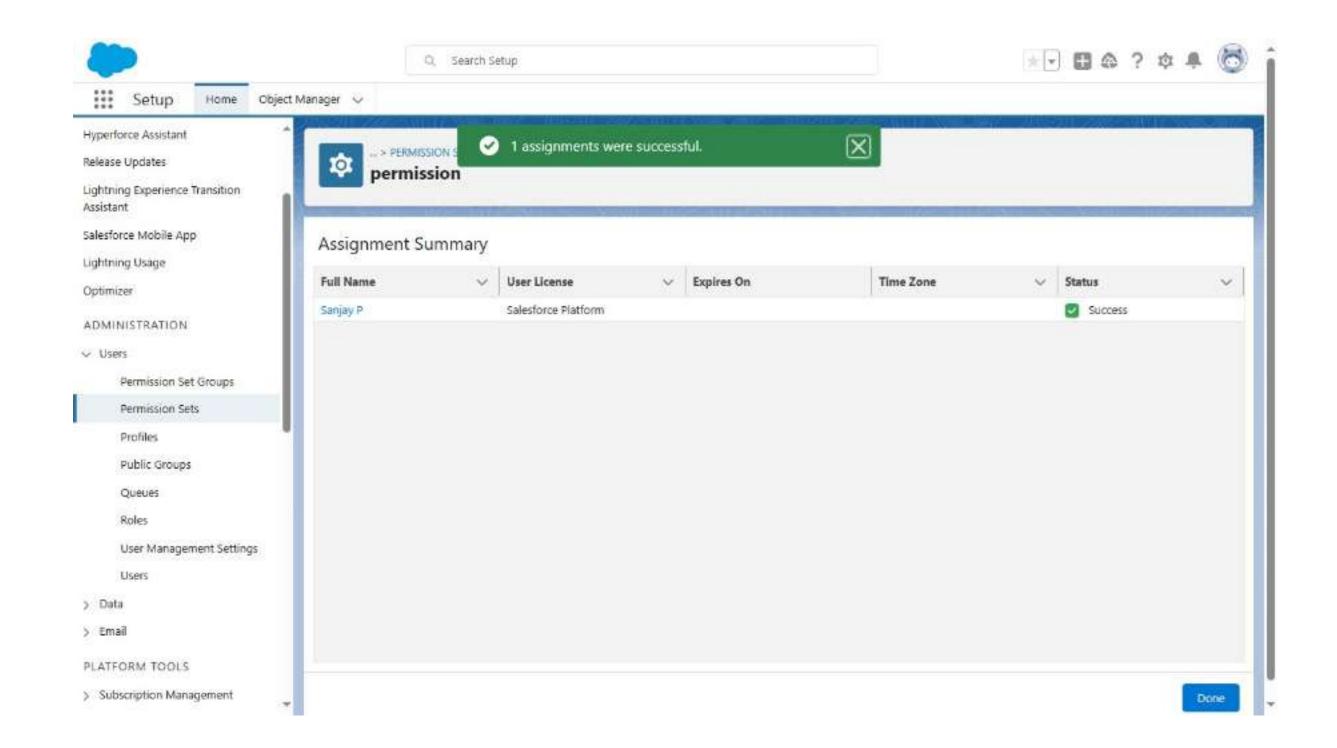










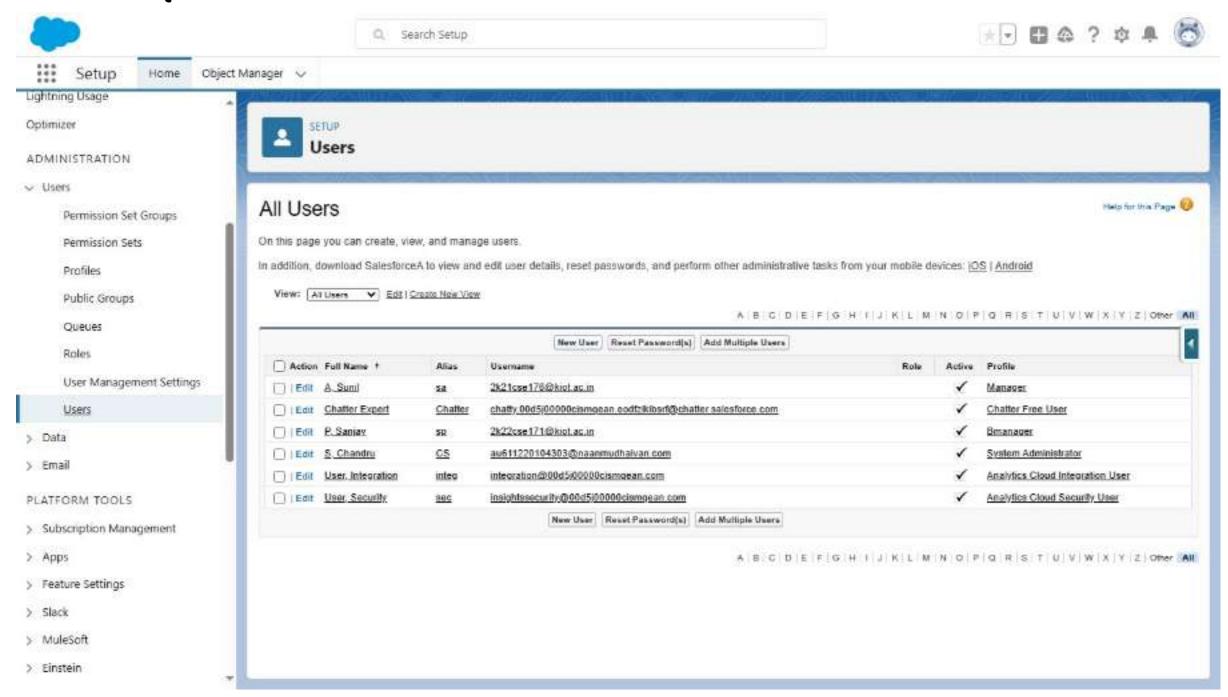


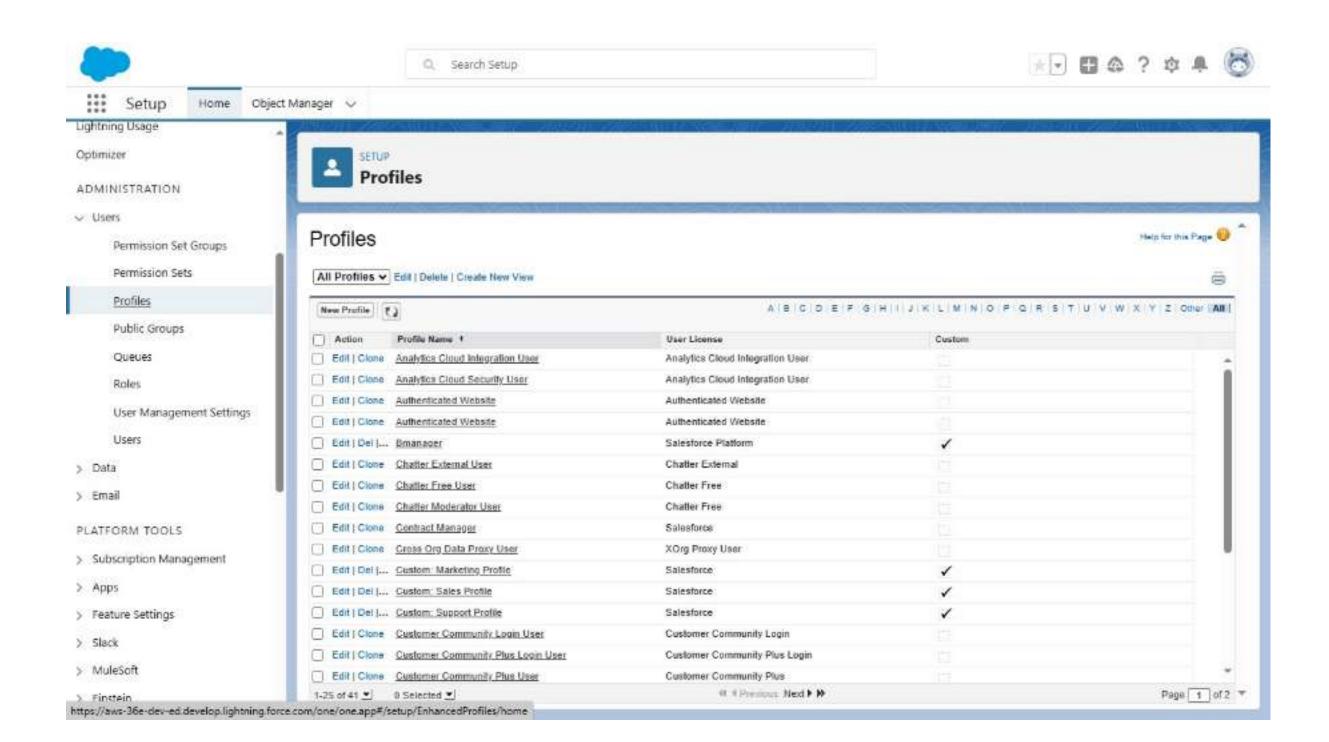
3. Suppose there are 2 Users and they are having Create, Read, Edit access on Account object with the same profile but we want to open up the access for one user to delete how will you implement the Security setting.

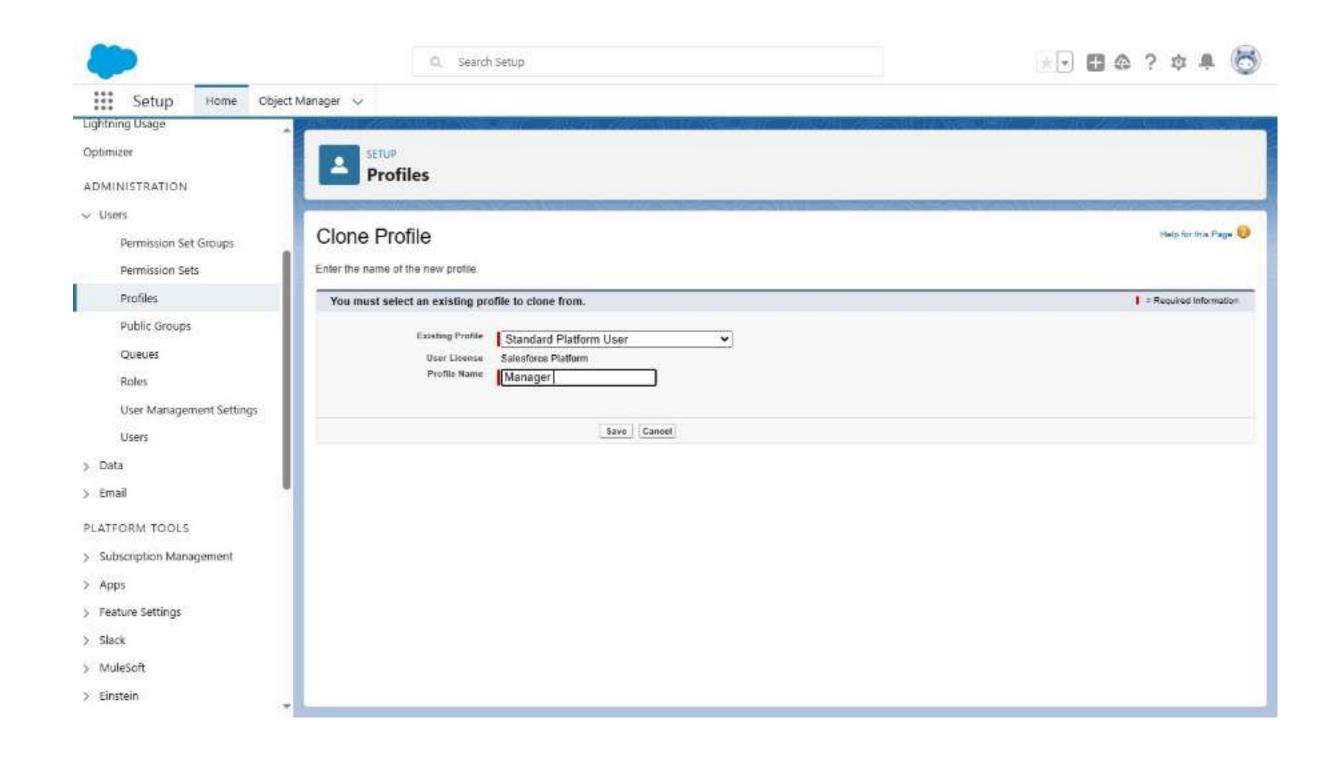
#### Step 1: Create a Permission Set for Delete Access

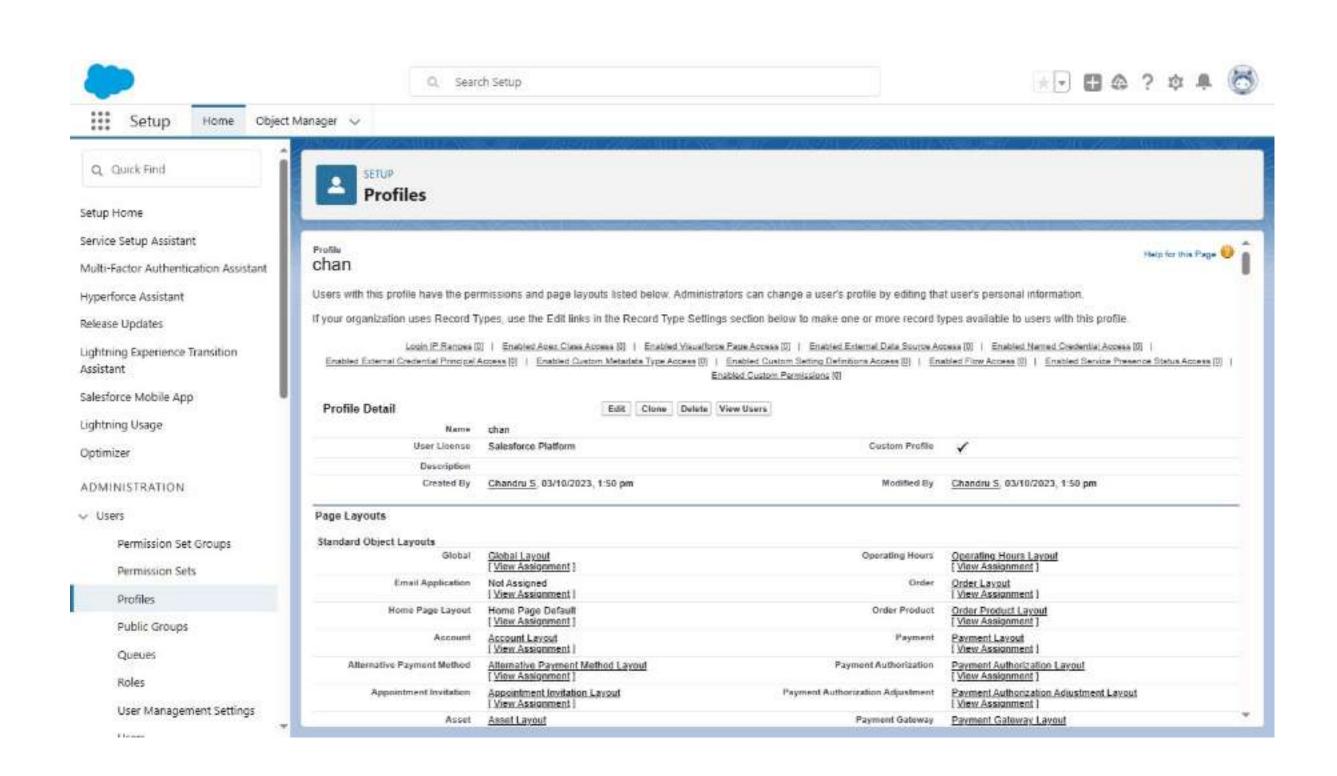
- 1. Goto "Setup" in Salesforce.
- 2. In the Quick Find box, type "Permission Sets" and select it.
- 3. Click "New Permission Set" to create a new one.
- 4. Give the permission set a name (e.g., "Delete Access Permission Set").
- 5. In the "System Permissions" section, find and enable the "Delete" permission for the "Account" object.

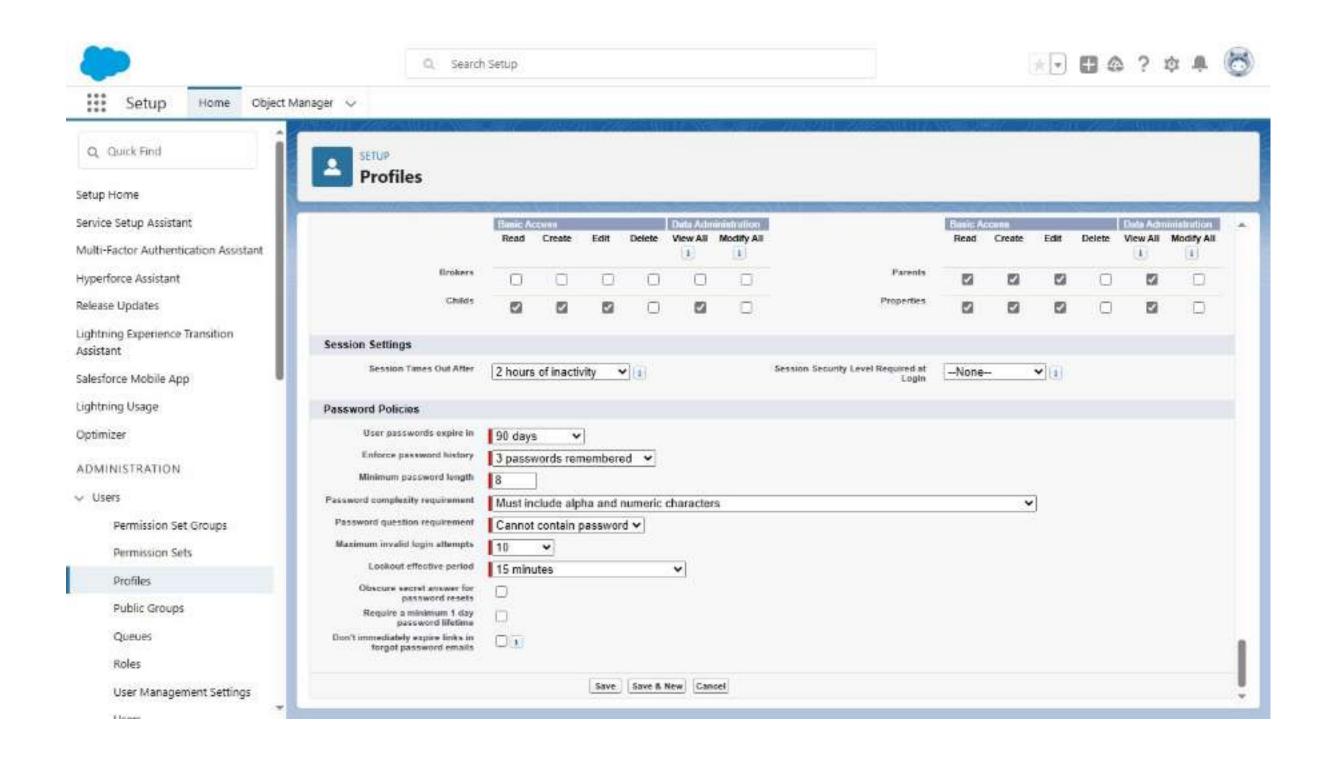
#### 6. Save the permission set.

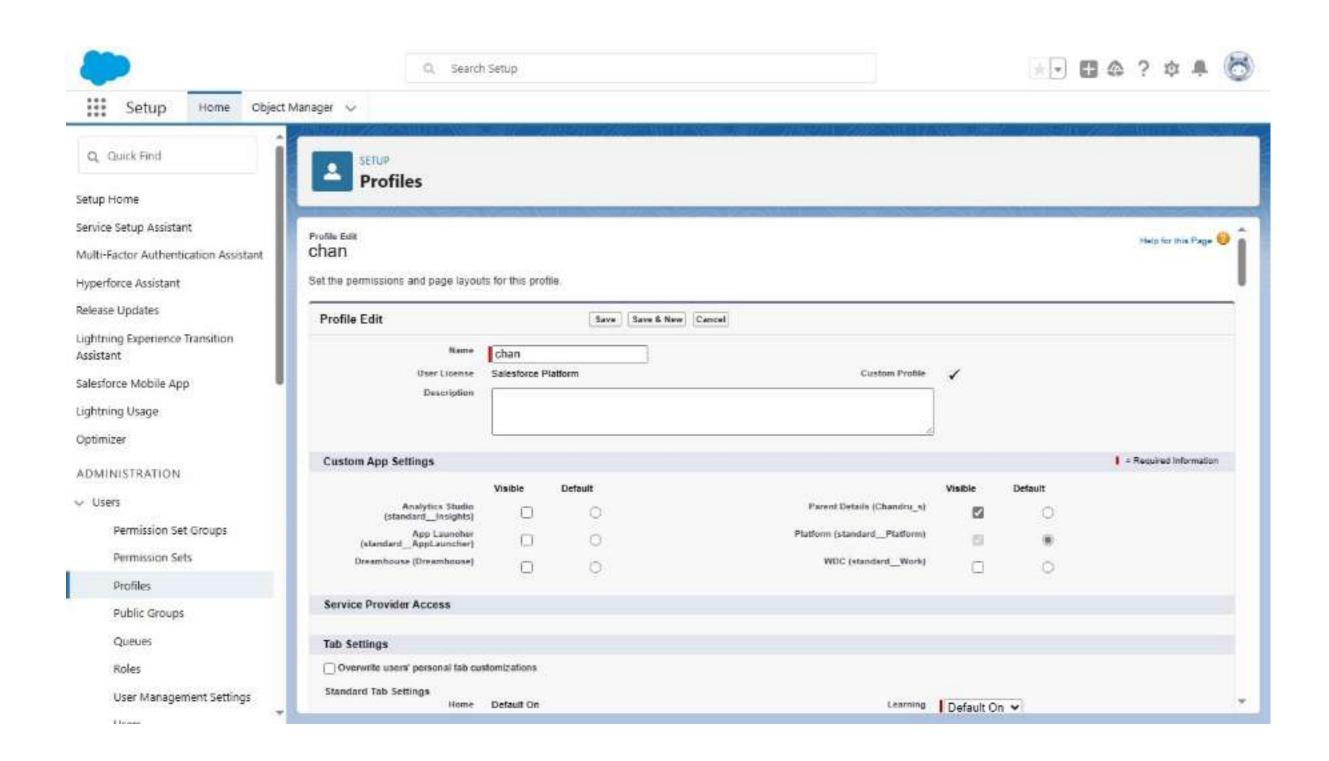


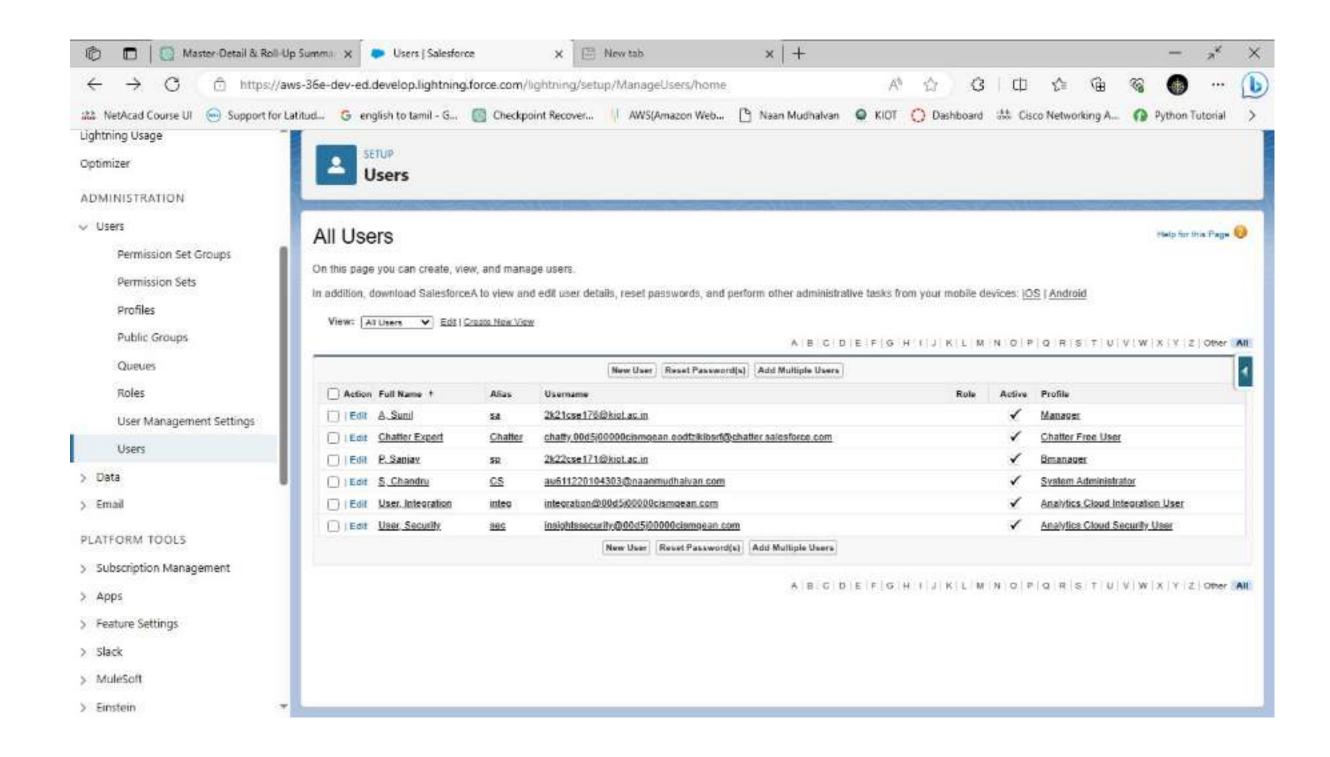


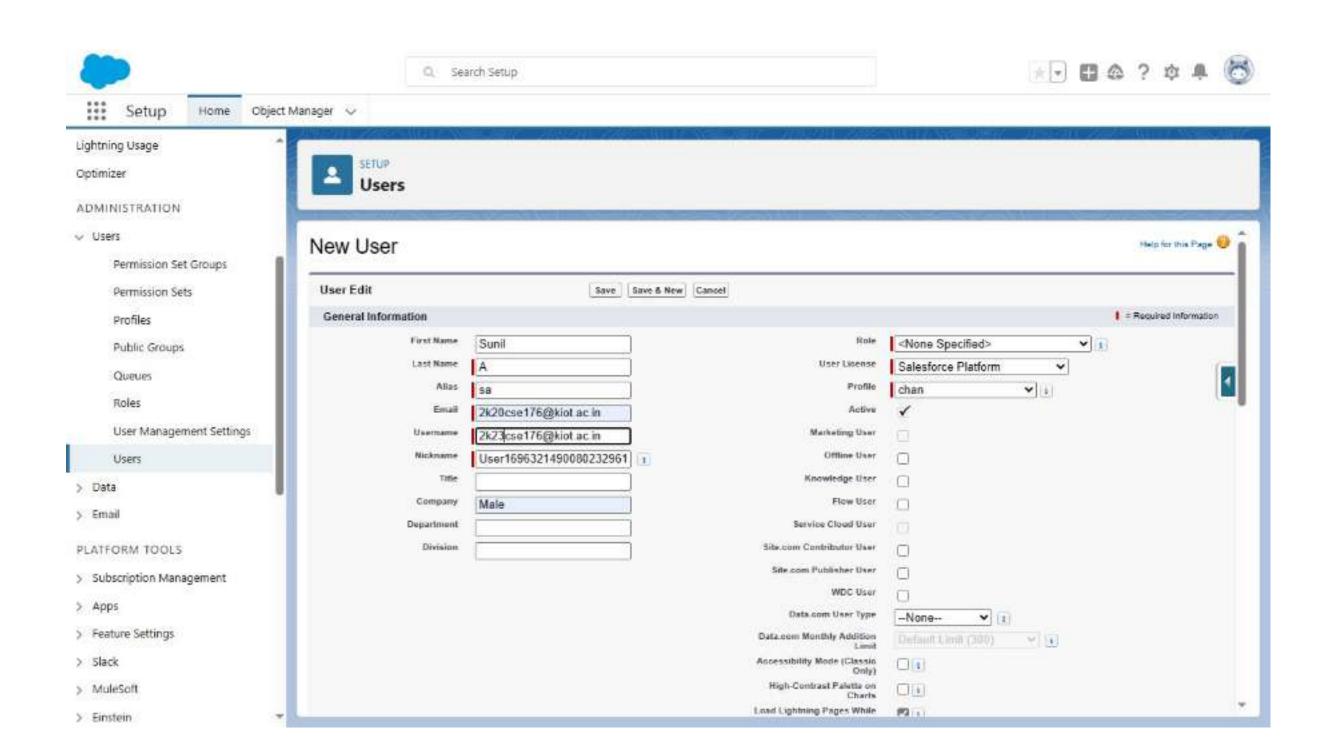


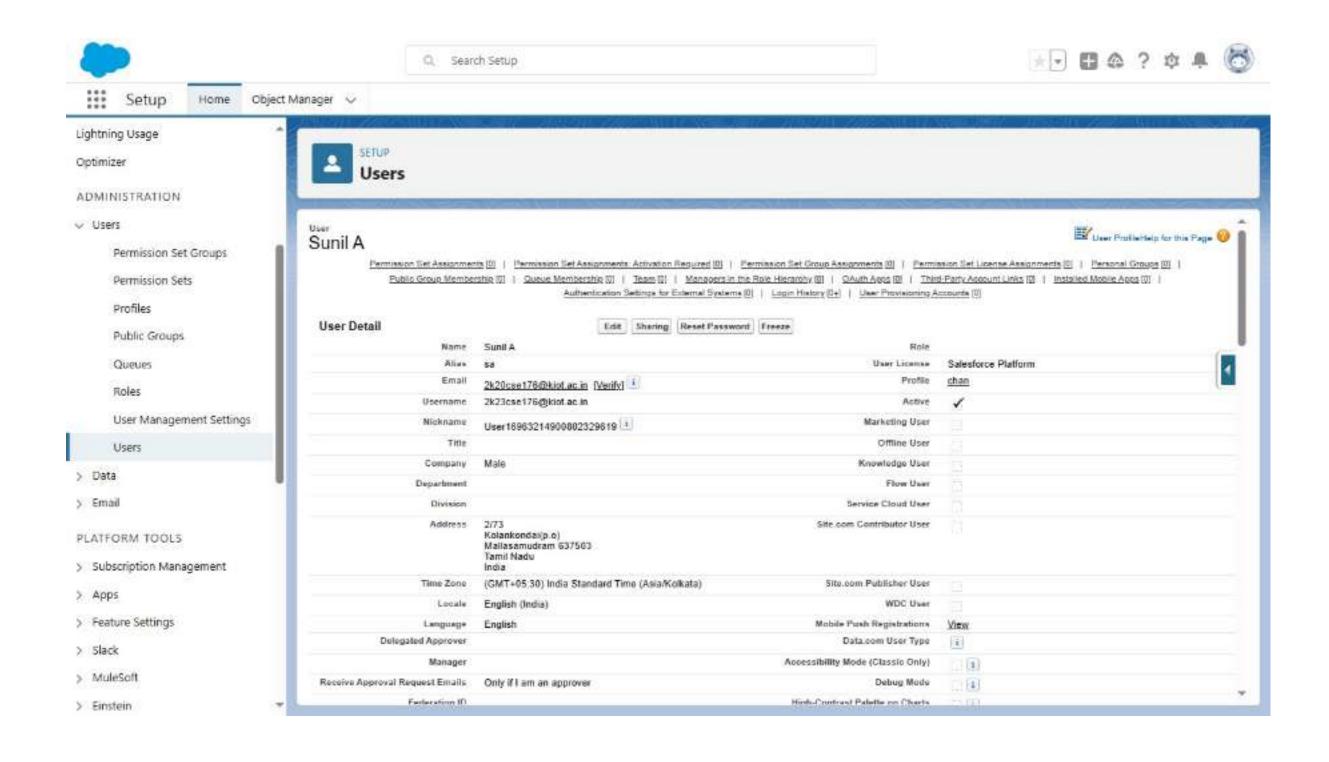


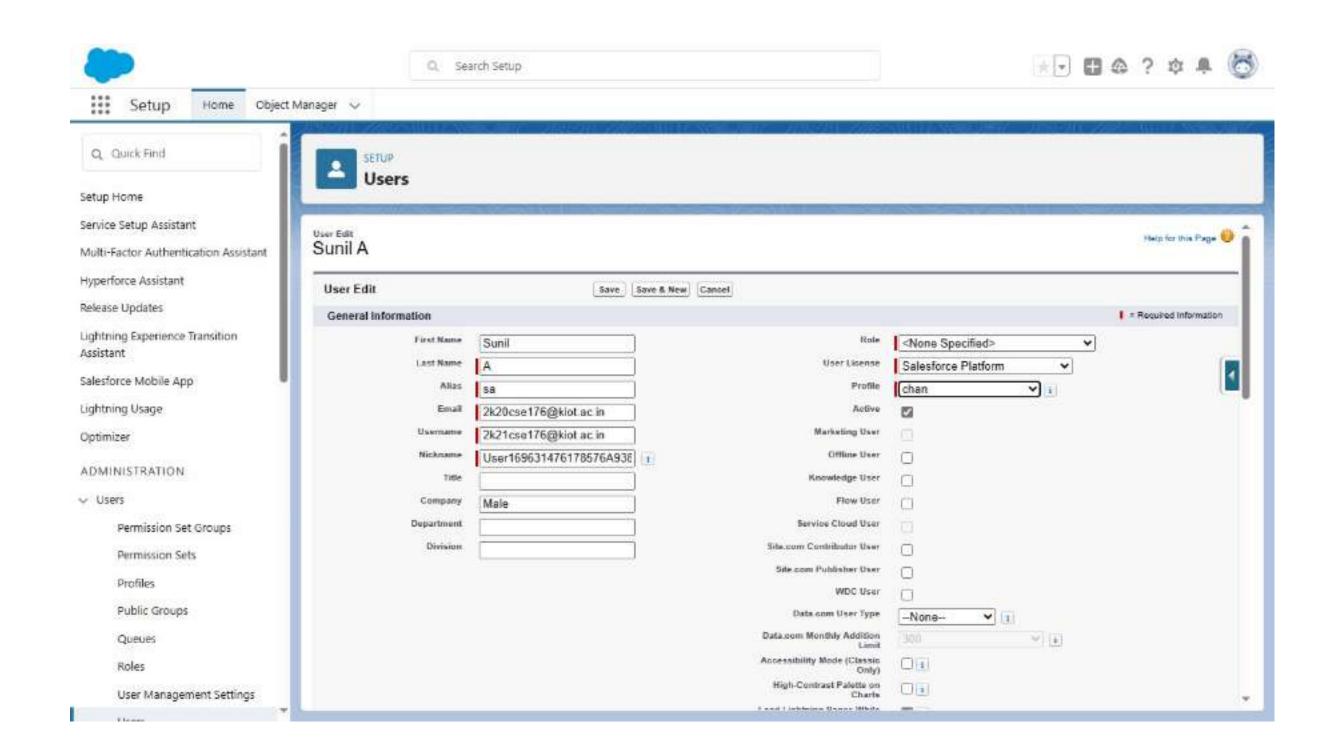


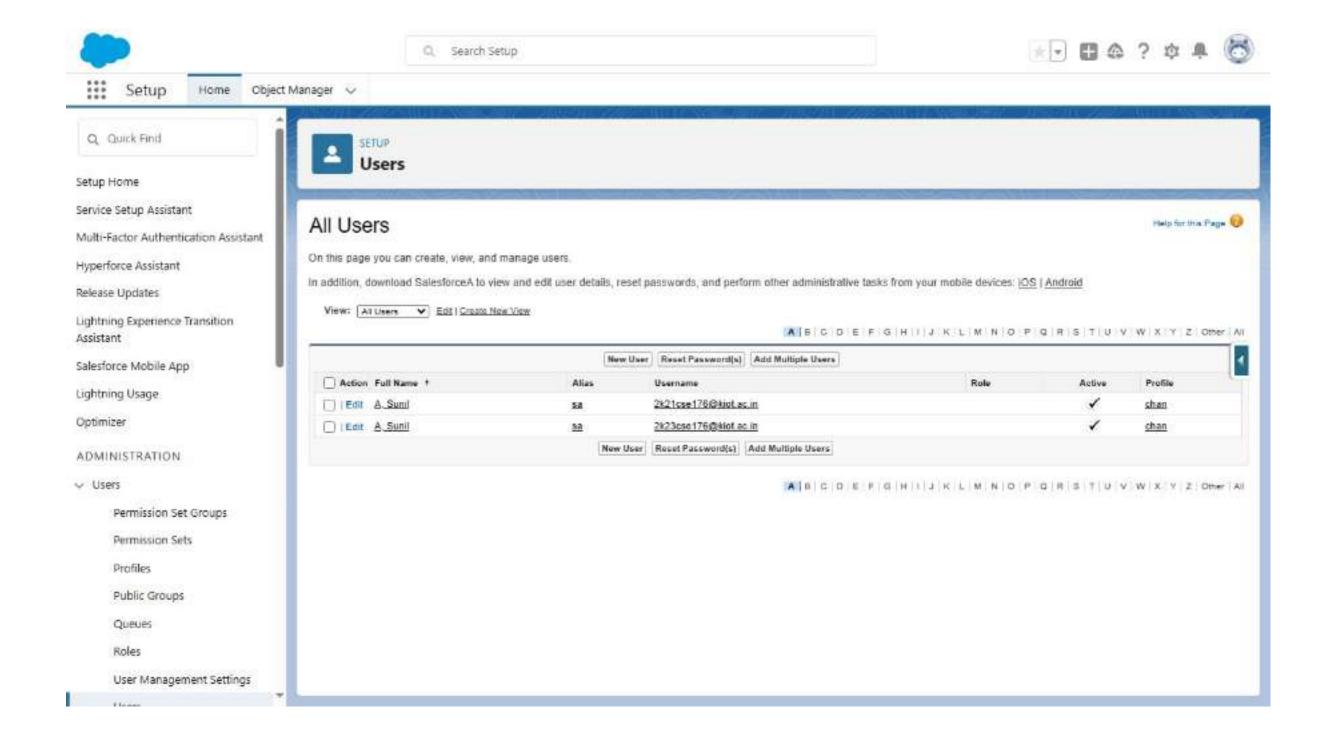






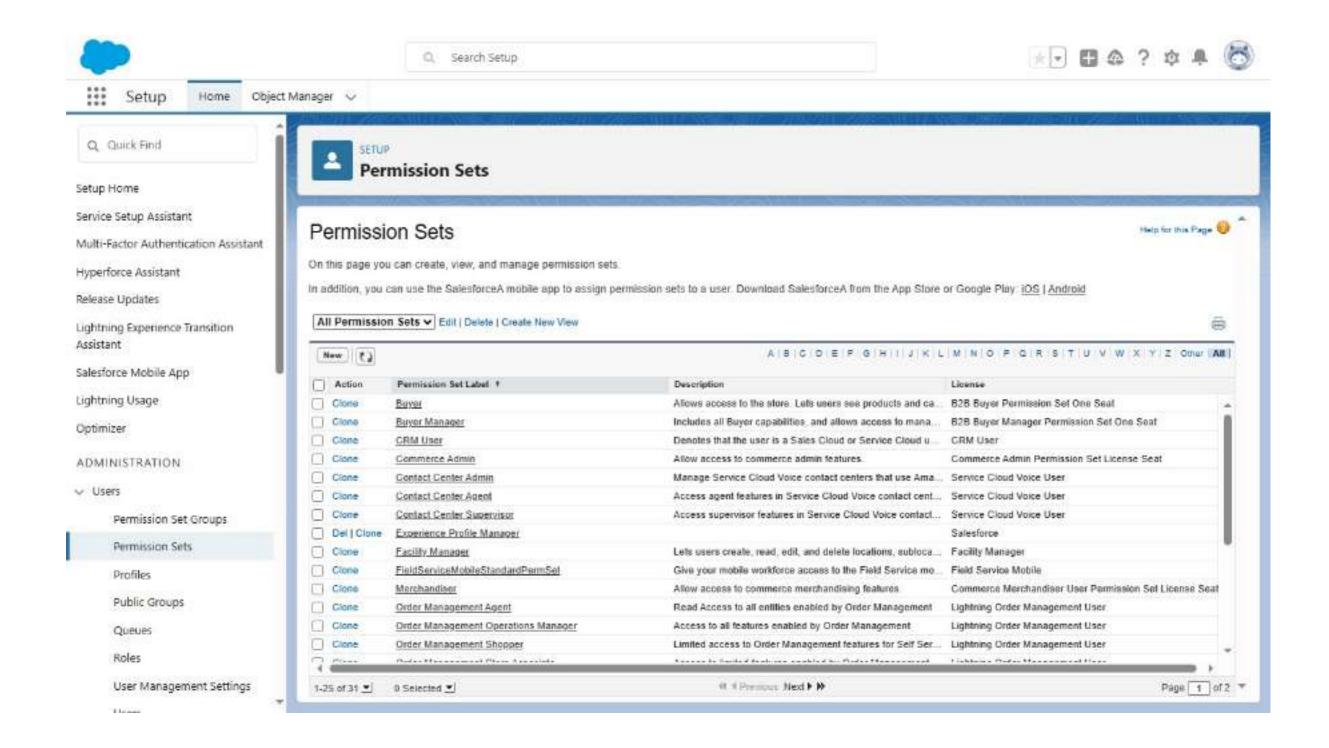


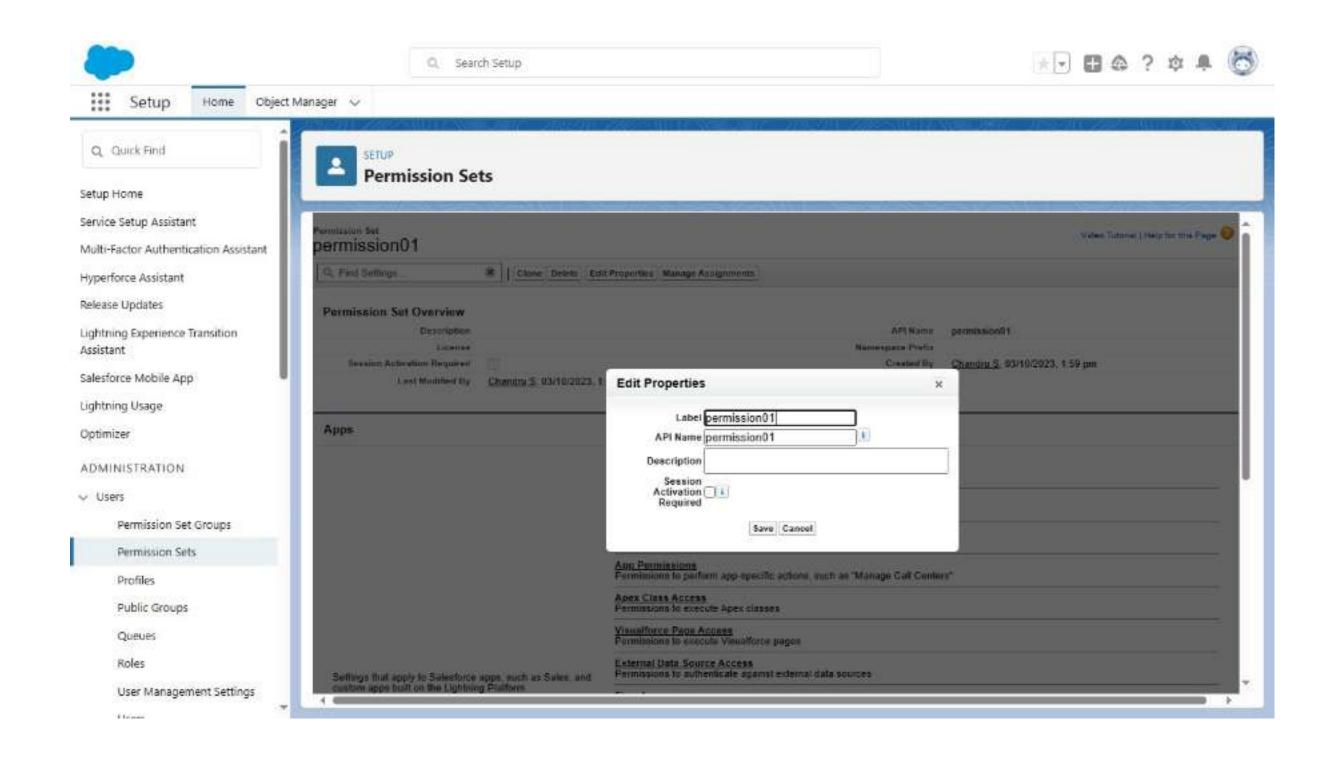


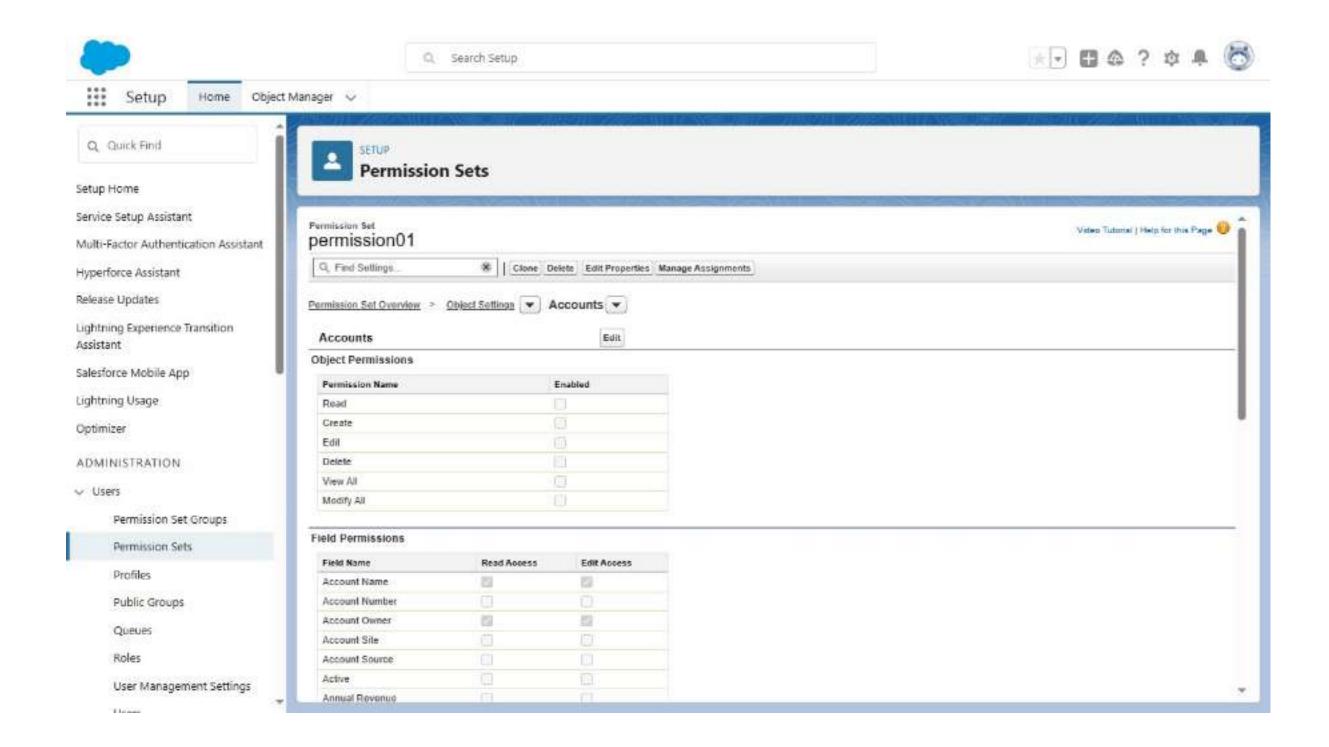


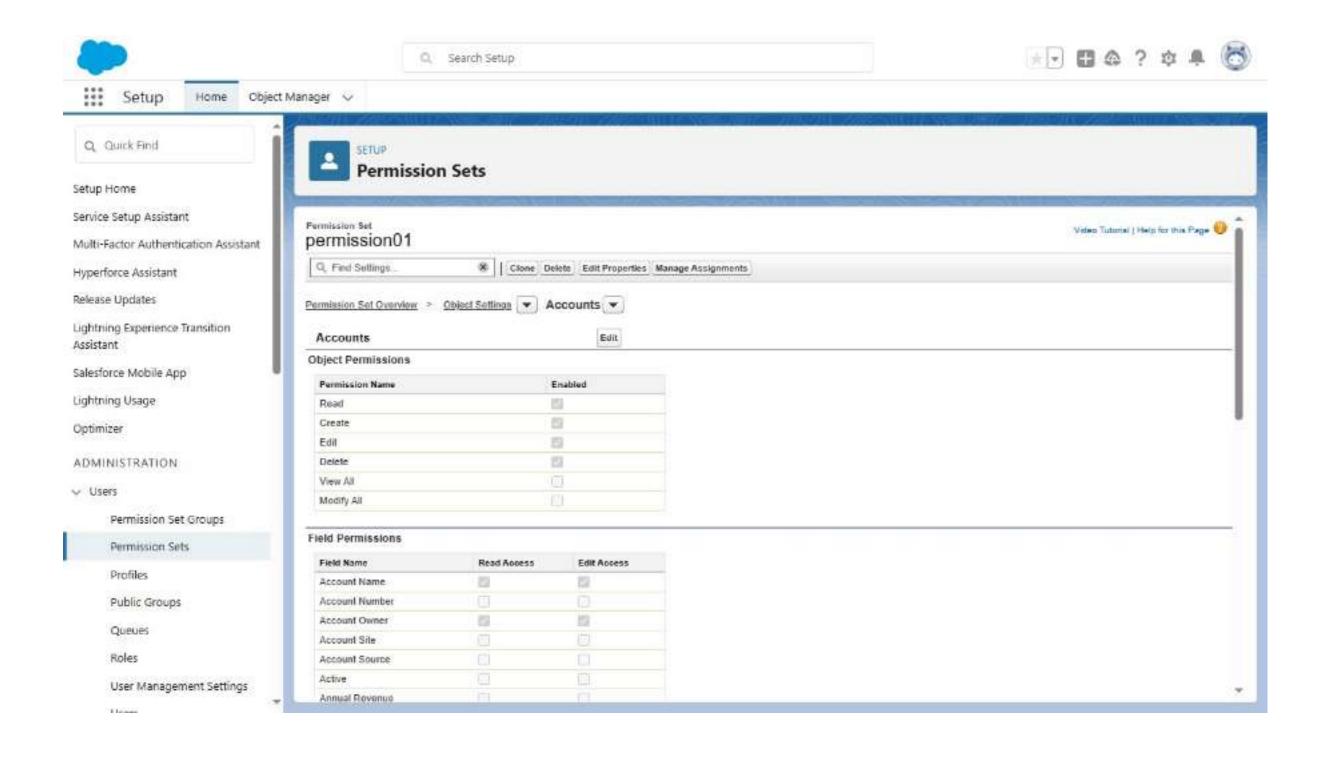
#### Step 2: Assign the Permission Set to the User Needing Delete Access

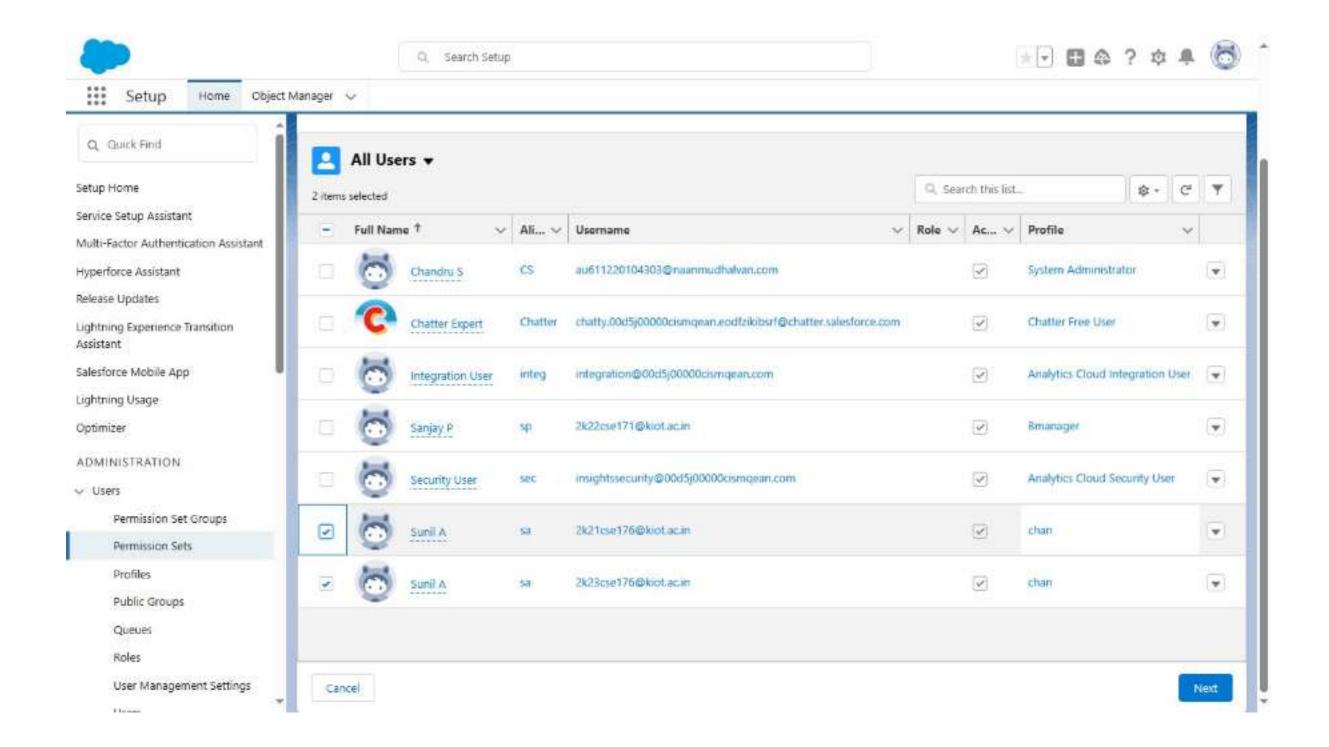
- 1. In the "Permission Set Detail" page, click on "Manage Assignments."
- 2. Click "Add Assignments" and select the user who needs delete access.
- 3. Save the assignment.

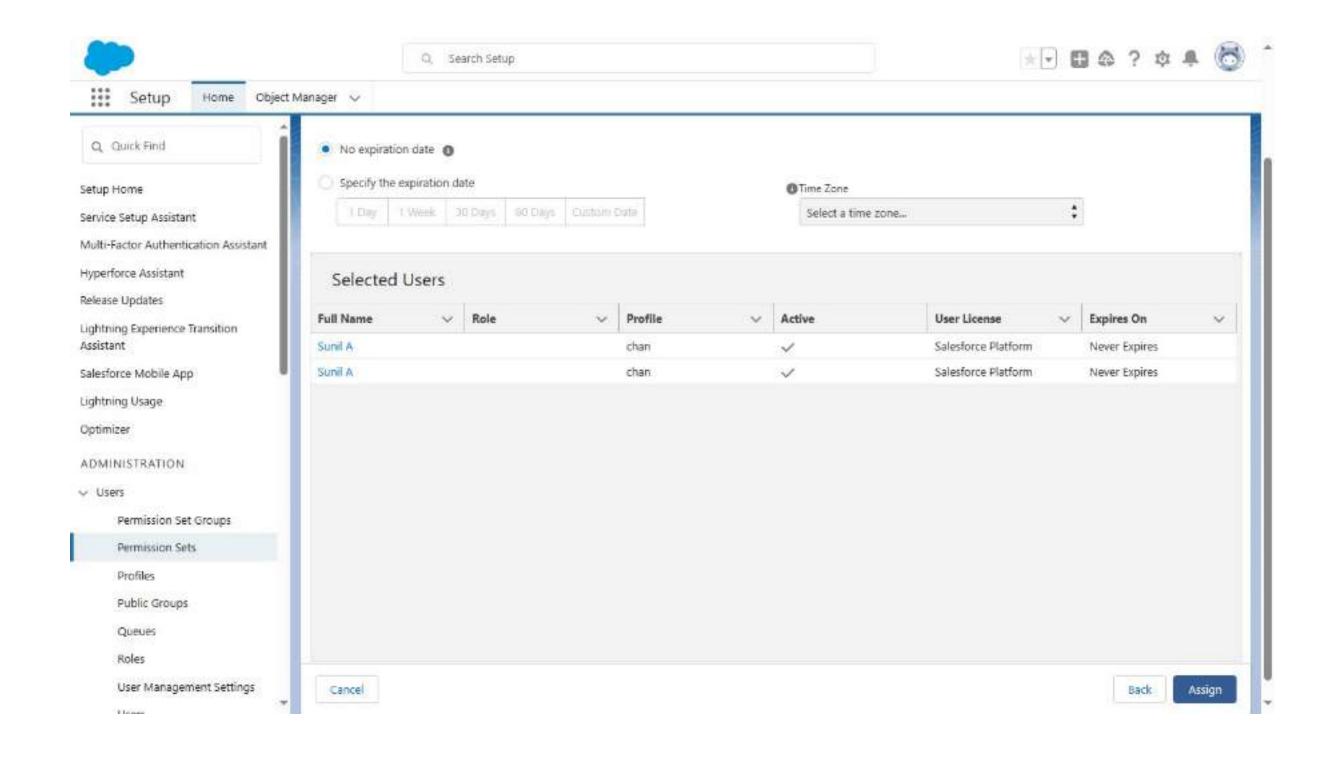


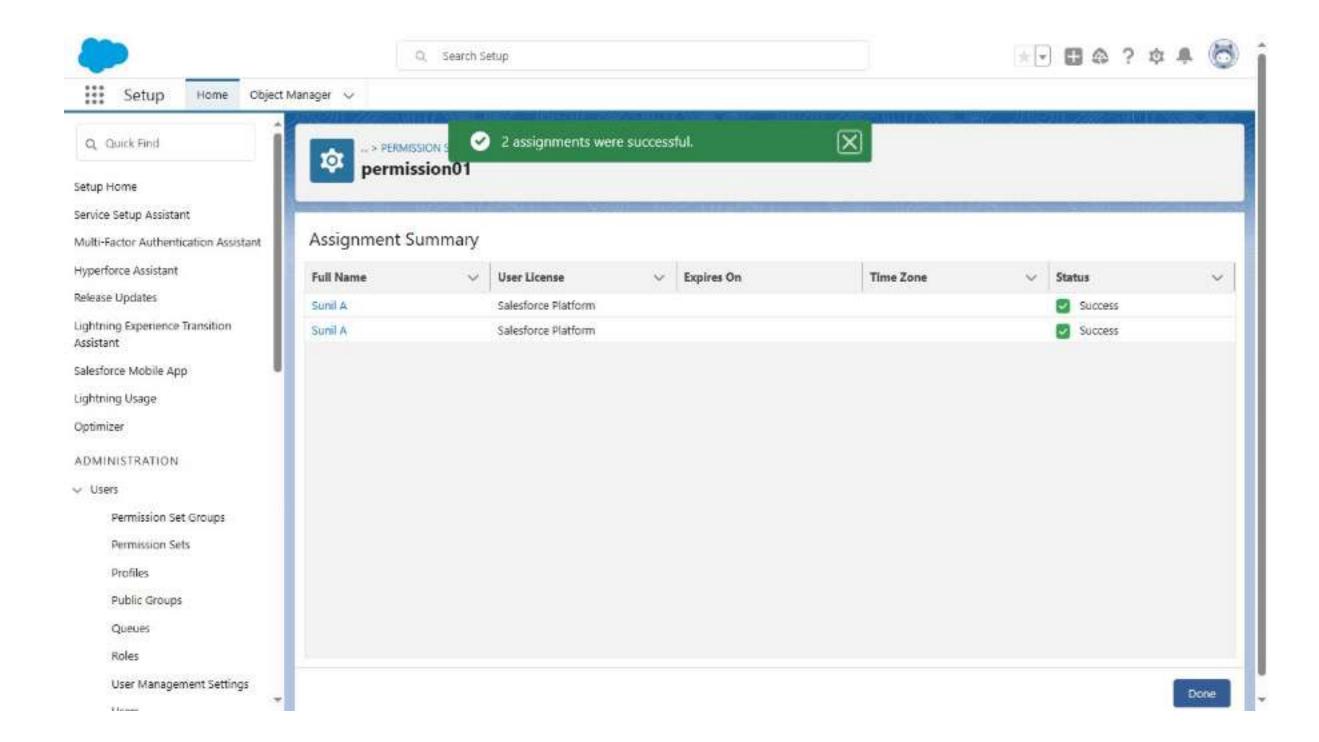








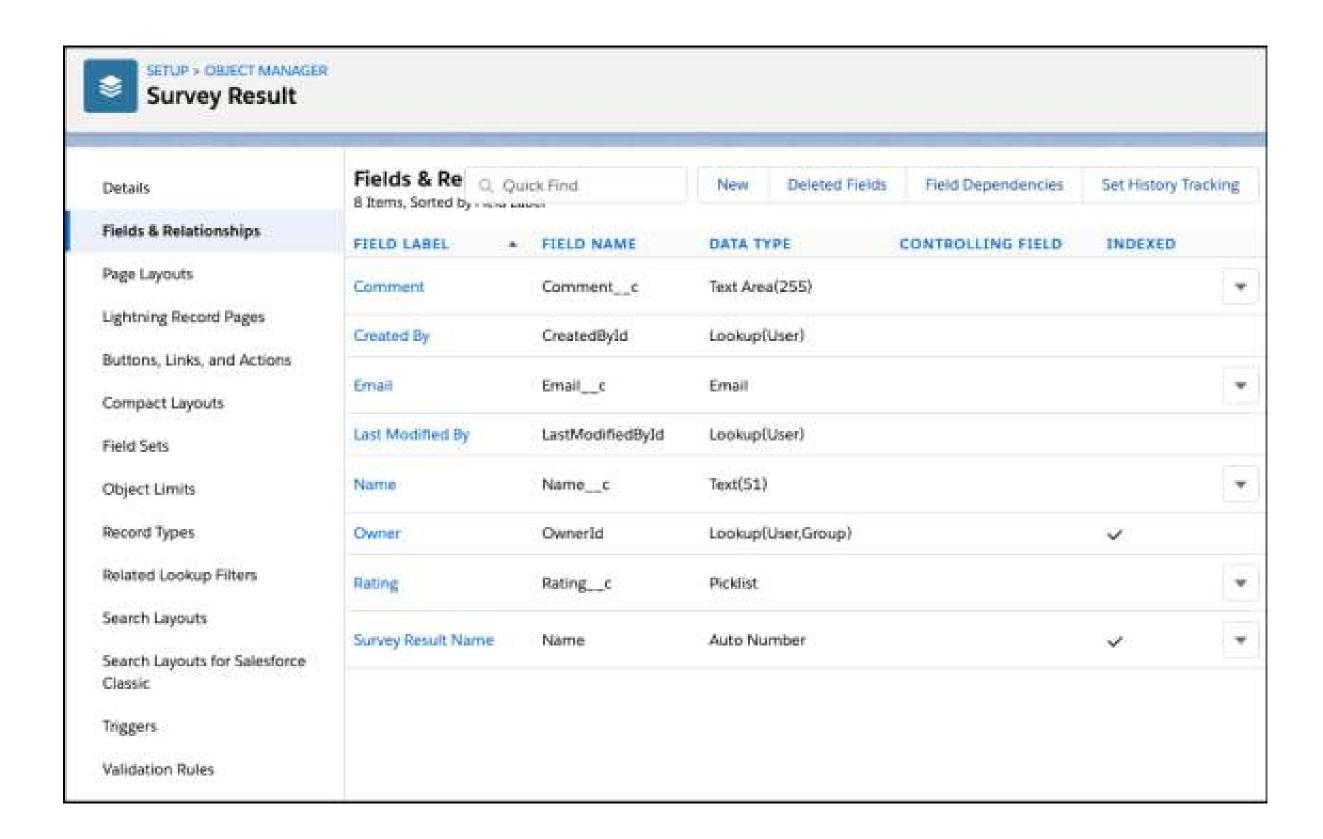




4. Create a screen flow for a basic survey to fill in the details for any form.

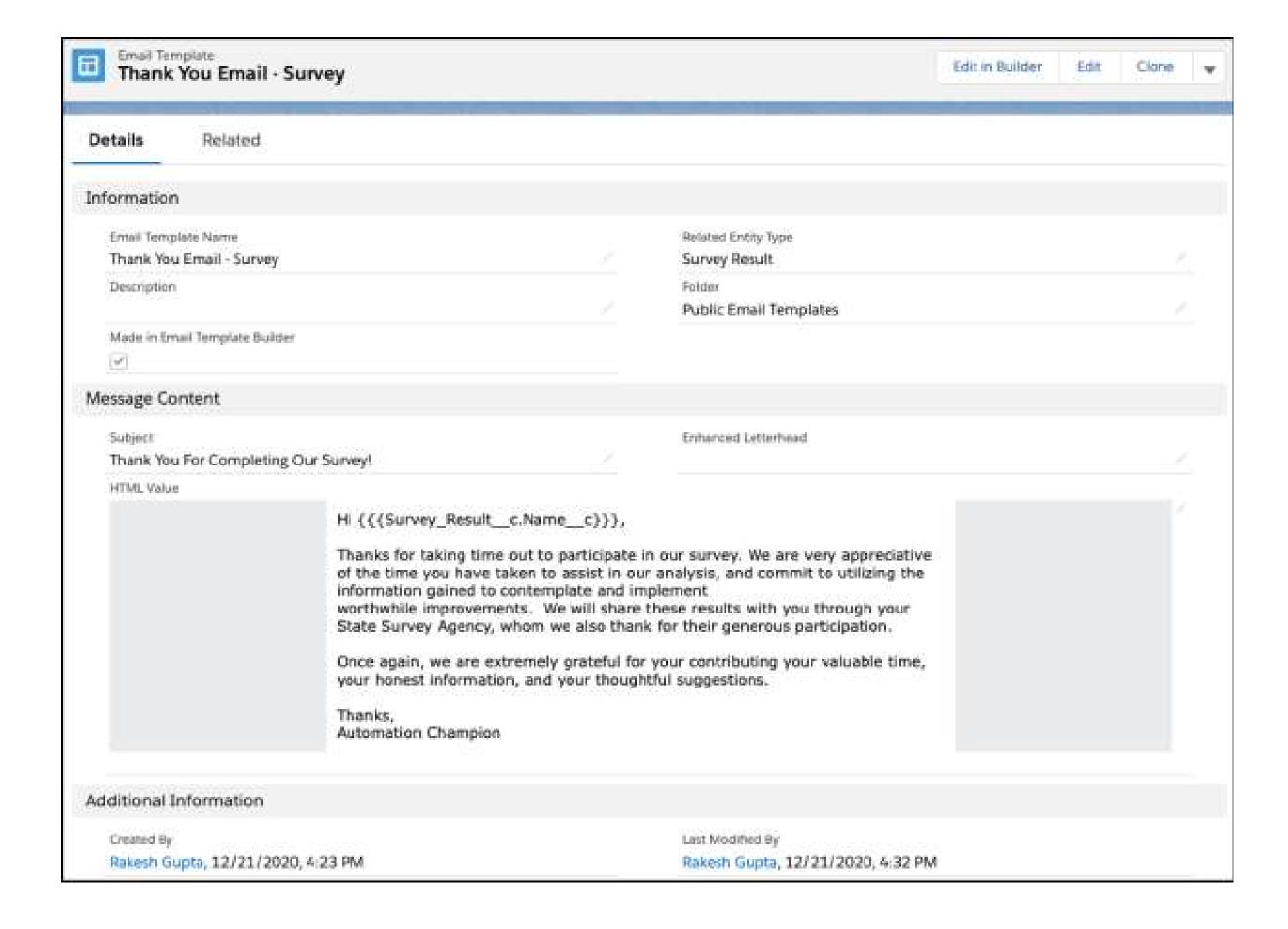
# Step 1: Create a custom object 1. Click Setup.

- 2. In the Spject Manager, click Create | Custom Spject.
- 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

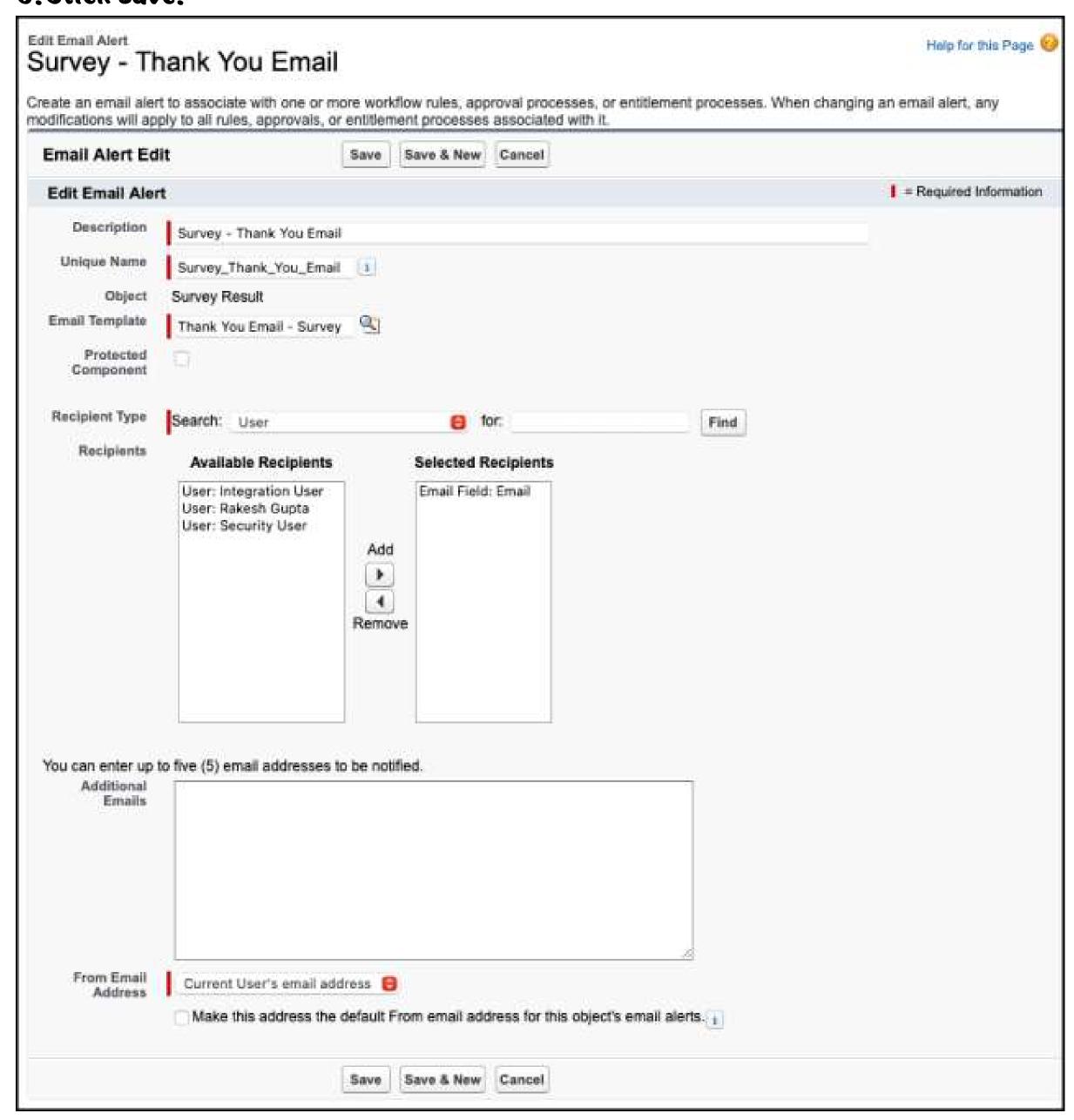
- 1. Click App Launcher.
- 2. In the Quick Find box, type Email Tempilates.
- 3. Clicks on the New Email template button.
- 4. Name the Lightning Email Template and make sure to store it in the Public Email Templates folder.
- 5. Create a tempilate like the full wing screenshut



## Step 3: Create an Email'Alert

- 1. Click Setup.
- 2. In the Quick Find bex, 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.



## Step 4.1: Salesforce Flow - Create a Screen that Allow Users to Fill Survey

- 1. Click Setup.
- 2. In the Quick Find box, type Flows.
- 3. Seilect Flows then click on the New Flow.
- 4. Select the Screen Flow option and click on Next and configure the flow as follows:
- 5. How do you want to start building: Freeform
- 6. We will use the Screen element to capture a Survey response form. Drag and drop a Screen element onto the canvas.

#### Step 4.2: Salesforce Flow - 'Add a Record Creates Element to Save Survey Response

- 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\_\_c bject from the dropdown list.
- 6. Set Field Values for the Survey Result

#### Row 1:

Field: Comment\_c
Value: {!Comment}
Click Add Row

#### R 2:

Field: Email\_\_c

Value: {!Email.value}

Click Add Row

#### Rew3:

Field: Name\_\_c

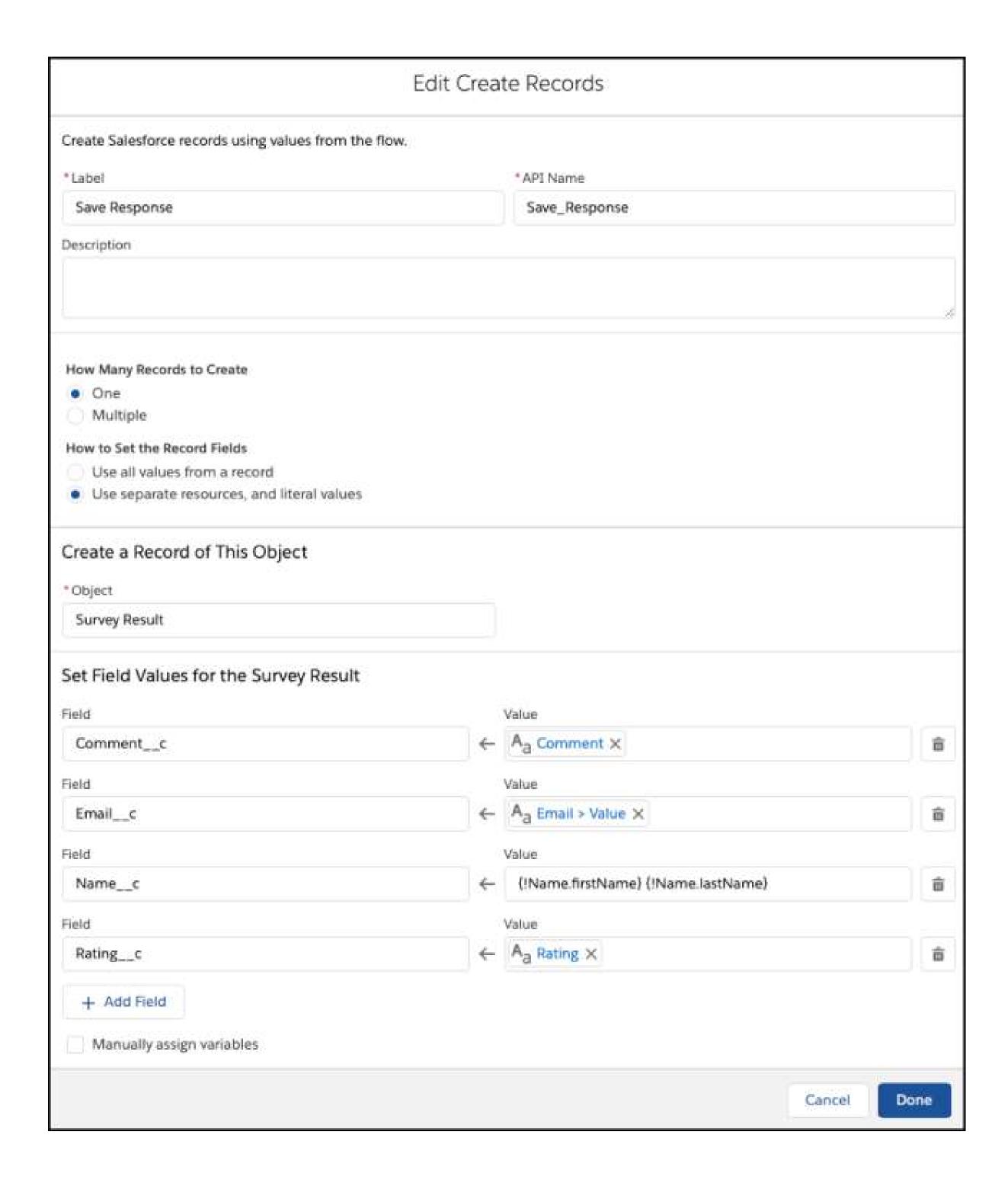
Value: {!Name.firstName} {!Name.lastName}

Click Add Row

#### Rew 3:

Field: Rating\_c Value: {!Rating}

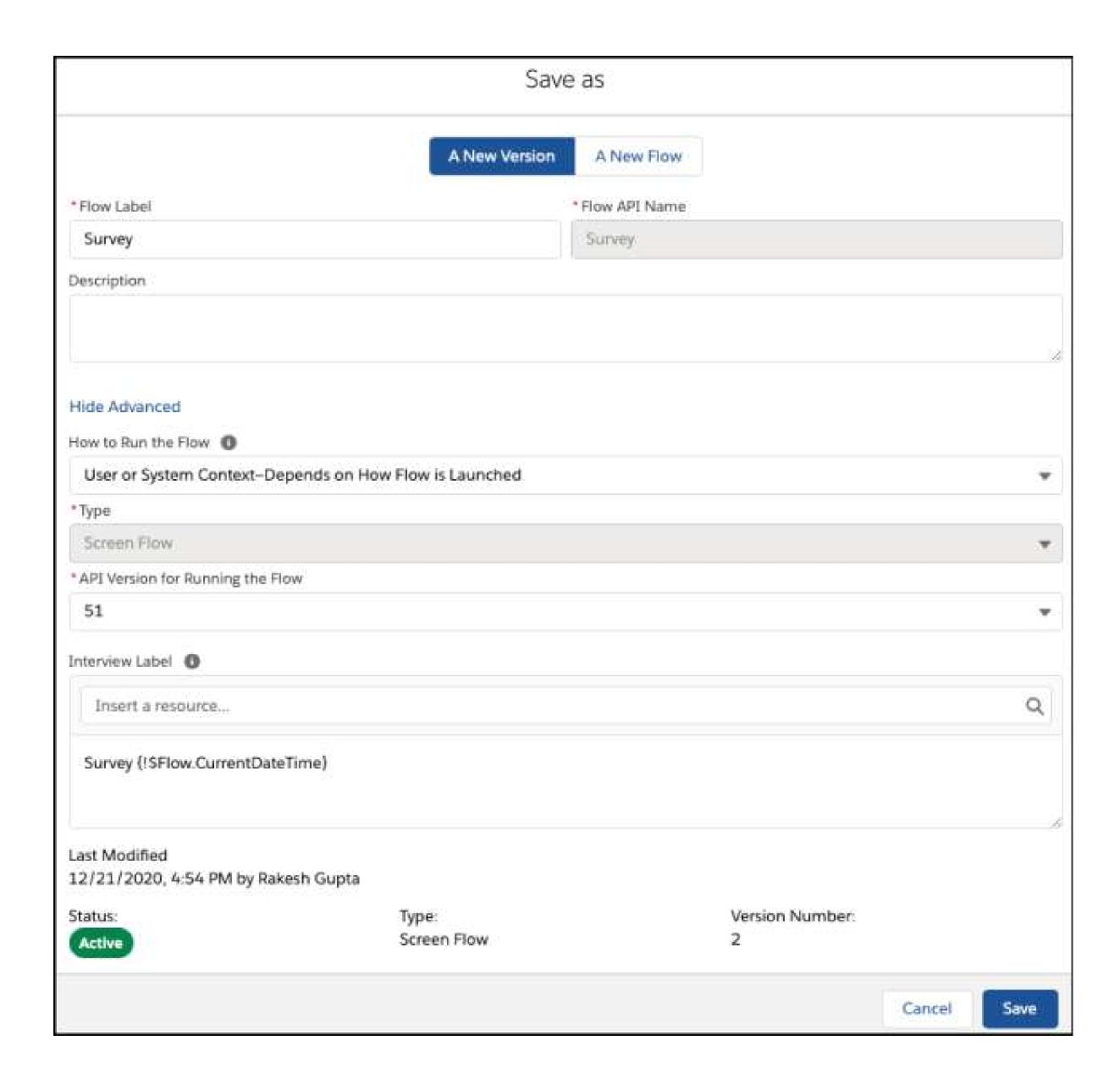
7. Click Done.



# Step 4.3: Salesforce Flow - Callani Actom - Emaili Alert to Send Out Thank You Email

- 1. Under Towilbox, select Element.
- 2. Drag-and-drap 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 Dene.

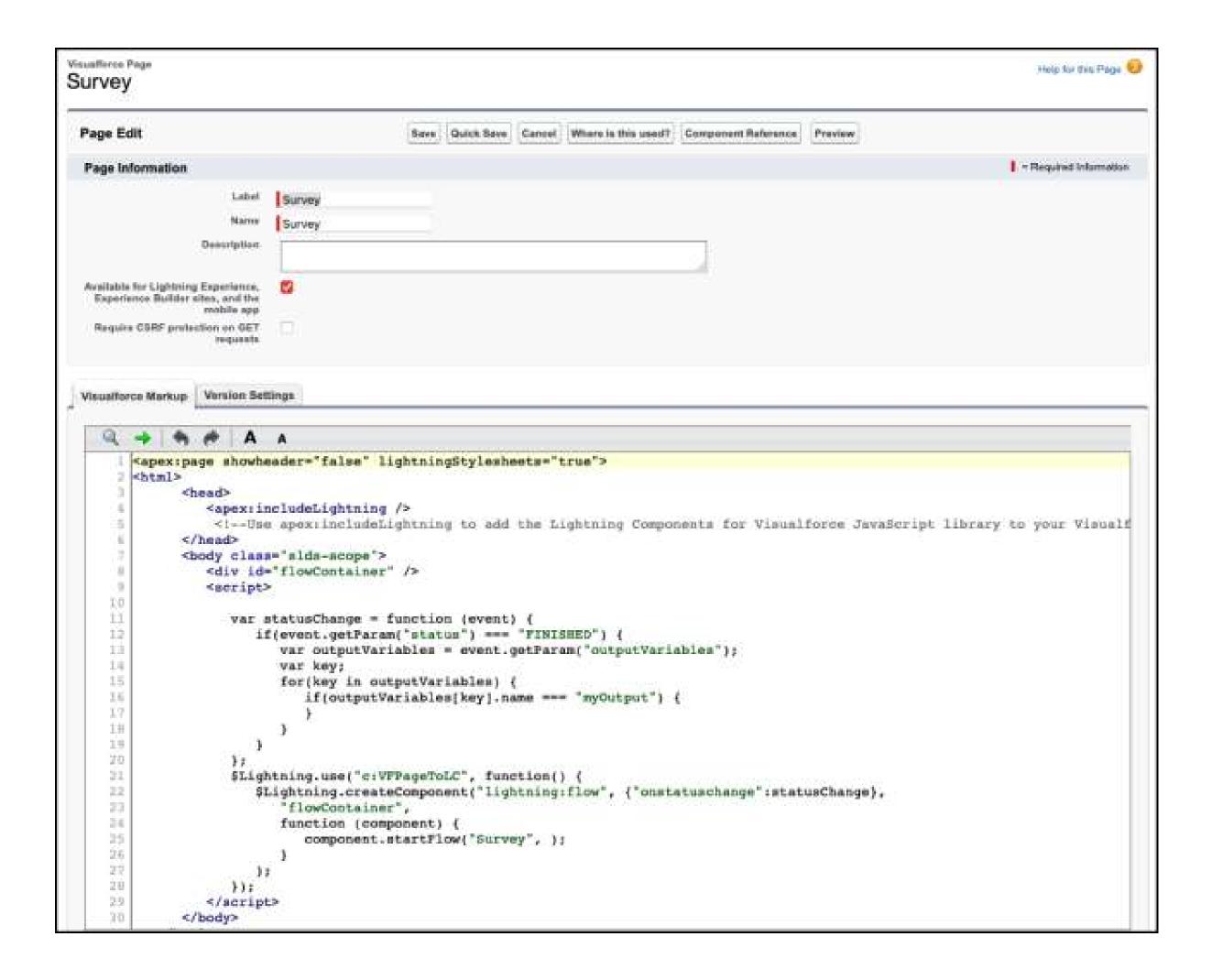
Edit "Survey - Thank You Email" email alert  Use values from earlier in the flow to set the inputs for the "Survey - Thank You Email" email alert. To use its outputs later in the flow, store them in variables.			
Send Thank You Email	Send_Thank_You_Email		
Description			
Set Input Values  Aa *Record ID  {!Save_Response}			
	Cancel Done		



# Step 5: Create a Lightning Application to Render Lightning Runtime for Flow in a Visual force Page

Nowwe 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 (VFPageTell) field, make sure to select the Lightning Out Dependency App checkbox.
- 4. Click Submit.
- 5. Copy code from GitHuband paste it into your Lightning Application. 6. Save your code.



#### Step 7: Create a Force.com Site to Open Your Flowfor 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		Save
Site Label	Survey	i
Site Name	Survey	i
Site Description		
Site Contact	Rakesh Gupta	
Default Record Owner	Rakesh Gupta	
Default Web Address	http://katihar-developer	-edition.gus.force.com/ survey
Active	<b>☑</b> i	
Active Site Home Page	Survey	[Preview]
Inactive Site Home Page	InMaintenance	Preview]
Site Template	SiteTemplate	
Site Robots.txt		
Site Favorite Icon		
Analytics Tracking Code		i
URL Rewriter Class		
Enable Feeds		
Clickjack Protection Level	Allow framing by the	e same origin only (Recommended)
Require Secure Connections	<b>☑</b> i	
(HTTPS)		
Lightning Features for Guest	<b>☑</b> [i]	
Users		
Upgrade all requests to HTTPS	<b>☑</b> i	
Enable Content Sniffing Protection	i	
Enable Browser Cross Site	<b>⊘</b> i	
Scripting Protection		
Referrer URL Protection	<b>☑</b> i	
Guest Access to the Payments		
API		

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 some one opens the site urland fills the form:



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

```
Row 1:
     Field: Comment_c
     Value: {!Comment}
     Click Add Row
R 2:
     Field: Email__c
     Value: {!Email.value}
     Click Add Row
R w 3:
     Field: Name__c
     Value: {!Name.firstName} {!Name.lastName}
     Click Add R w
Rew 3:
     Field: Rating_c
     Value: {!Rating}
     Click Done.
```