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Salesforce Developer(Course)
Assignment no 1

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Year & Dep : IV year & CSE

Batch : 2024

Zone no : Zone 8

1. Creating a Master-Detail Relationship between two custom objects 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. Below are the steps to achieve this:

Step 1: Create Custom Objects.

The screenshot shows the 'Custom Object Definition Edit' page for creating a new object named 'Parent'. The 'Label' field is set to 'Parent' and the 'Plural Label' is set to 'Parents'. The 'Object Name' field is also set to 'Parent'. The 'Record Name' field is set to 'Parent Name' and the 'Data Type' is 'Text'. The 'Description' and 'Context-Sensitive Help Setting' sections are also visible.

The screenshot shows the 'Custom Object Definition Edit' page for creating a new object named 'Child'. The 'Label' field is set to 'Child' and the 'Plural Label' is set to 'Childs'. The 'Object Name' field is set to 'Child'. The 'Record Name' field is set to 'Child Name' and the 'Data Type' is 'Text'. The 'Description' and 'Context-Sensitive Help Setting' sections are also visible.

Step 2: Create a Master-Detail Relationship

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

The screenshot shows the Salesforce Object Manager interface. The top navigation bar includes a cloud icon, 'Search Setup', and various global buttons. The main header displays 'SETUP > OBJECT MANAGER' and the object name 'Parent'. On the left, a sidebar lists various setup categories like Page Layouts, Lightning Record Pages, and Triggers. The central content area is titled 'Fields & Relationships' and shows a table of existing fields. The table has columns for 'FIELD LABEL', 'FIELD NAME', 'DATA TYPE', 'CONTROLLING FIELD', and 'INDEXED'. The visible rows are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Parent Name	Name	Text(80)		✓

The screenshot shows the Salesforce Object Manager interface for creating a new custom field. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. The left sidebar lists various setup categories under 'Fields & Relationships'. The main content area is titled 'Parent New Custom Field' and 'Step 1. Choose the field type'. It asks to specify the type of information the custom field will contain. The 'Data Type' section contains several options: 'None Selected' (selected), 'Auto Number', 'Formula', 'Roll-Up Summary' (with a note about it being read-only), 'Lookup Relationship', 'Master-Detail Relationship' (selected), and 'External Lookup Relationship'. Each option has a detailed description below it. Buttons for 'Next' and 'Cancel' are at the bottom right.

The screenshot shows the Salesforce Object Manager interface for creating a new relationship. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. The left sidebar lists various setup categories under 'Fields & Relationships'. The main content area is titled 'Parent New Relationship' and 'Step 2. Choose the related object'. It asks to select the other object to which this object is related. A dropdown menu labeled 'Related To' shows 'Child' selected. Buttons for 'Previous', 'Next', and 'Cancel' are at the bottom right.

Fields & Relationships
5 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Child Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
total child count	total_child_count_c	Roll-Up Summary (COUNT Parent)		✓

Step 1

Specify the type of information that the custom field will contain.

Data Type

- None Selected Select one of the data types below.
- Auto Number A system-generated sequence number that uses a display format you define. The number is automatically incremented for each new record.
- Formula A read-only field that derives its value from a formula expression you define. The formula field is updated when any of the source fields change.
- Roll-Up Summary A read-only field that displays the sum, minimum, or maximum value of a field in a related list or the record count of all records listed in a related list.
- Lookup Relationship Creates a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a popup list. The other object is the source of the values in the list.
- Master-Detail Relationship Creates a specific type of parent-child relationship between this object (the child, or "detail") and another object (the parent, or "master") where:
 - The relationship field is required on all detail records.
 - The ownership and sharing of a detail record are determined by the master record.
 - When a user deletes the master record, all detail records are deleted.
 - You can create rollup summary fields on the master record to summarize the detail records.
- External Lookup Relationship Creates a relationship that links this object to an external object whose data is stored outside the Salesforce org.
- Checkbox Allows users to select a True (checked) or False (unchecked) value.
- Currency Allows users to enter a dollar or other currency amount and automatically formats the field as a currency amount. This can be useful if you export data to Excel or another spreadsheet.

Step 3: Create a Roll-Up Summary Field

1. In the same "Parent" editing page, scroll down to the "Roll-Up Summary Fields" section.
2. Click "New Roll-Up Summary Field."

3. Choose 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.

The screenshot shows the Salesforce Setup interface with the 'Tabs' page selected. The left sidebar shows navigation options like 'Setup', 'Home', and 'Object Manager'. The main content area is titled 'Tabs' and contains sections for 'Custom Object Tabs', 'Web Tabs', 'Visualforce Tabs', 'Lightning Component Tabs', and 'Lightning Page Tabs'. Each section includes a 'New' button and a 'What Is This?' link. The 'Custom Object Tabs' section lists tabs for 'Brokers', 'Childs', 'Parents', and 'Properties' with their respective 'Label' and 'Tab Style' (e.g., People, Lightning).

Action	Label	Tab Style	Description
Edit Del	Brokers	People	
Edit Del	Childs	Lightning	
Edit Del	Parents	Lightning	
Edit Del	Properties	Real Estate Sign	

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.

Lightning Experience App Manager

App Name ↑	Developer Name	Description	Last Modified ...	Ap... ↓	Vi... ↓
1 All Tabs	AllTabSet	Build CRM Analytics dashboards and apps	22/08/2023, 11:15 am	Classic	✓
2 Analytics Studio	Insights	Build CRM Analytics dashboards and apps	22/08/2023, 11:15 am	Classic	✓
3 App Launcher	AppLauncher	App Launcher tabs	22/08/2023, 11:15 am	Classic	✓
4 Bolt Solutions	LightningBolt	Discover and manage business solutions designed for you...	22/08/2023, 11:17 am	Lightning	✓
5 Community	Community	Salesforce CRM Communities	22/08/2023, 11:15 am	Classic	✓
6 Content	Content	Salesforce CRM Content	22/08/2023, 11:15 am	Classic	✓
7 Data Manager	DataManager	Use Data Manager to view limits, monitor usage, and man...	22/08/2023, 11:15 am	Lightning	✓
8 Digital Experiences	SalesforceCMS	Manage content and media for all of your sites.	22/08/2023, 11:15 am	Lightning	✓
9 Dreamhouse	Dreamhouse		29/08/2023, 4:12 pm	Lightning	✓
10 Lightning Usage App	LightningInstrumentation	View Adoption and Usage Metrics for Lightning Experience	22/08/2023, 11:15 am	Lightning	✓
11 Marketing	Marketing	Best-in-class on-demand marketing automation	22/08/2023, 11:15 am	Classic	✓
12 Platform	Platform	The fundamental Lightning Platform	22/08/2023, 11:15 am	Classic	✓
13 Queue Management	QueueManagement	Create and manage queues for your business.	22/08/2023, 11:15 am	Lightning	✓
14 Sales	Sales	The world's most popular sales force automation (SFA) sol...	22/08/2023, 11:15 am	Classic	✓
15 Sales	LightningSales	Manage your sales process with accounts, leads, opportun...	22/08/2023, 11:15 am	Lightning	✓

New Lightning App

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	App Branding																		
* App Name <small>i</small> Parent Details	Image <small>i</small> <input type="button" value="Upload"/>																		
* Developer Name <small>i</small> Chandru s	Primary Color Hex Value <small>i</small> #0070D2																		
Description <small>i</small> Enter a description...	Org Theme Options <input type="checkbox"/> Use the app's image and color instead of the org's custom theme																		
App Launcher Preview																			
<table border="1"> <tr><td>13 Queue Management</td><td>QueueManagement</td><td>Create and manage queues for your business.</td><td>22/08/2023, 11:15 am</td><td>Lightning</td><td>✓</td></tr> <tr><td>14 Sales</td><td>Sales</td><td>The world's most popular sales force automation (SFA) sol...</td><td>22/08/2023, 11:15 am</td><td>Classic</td><td>✓</td></tr> <tr><td>15 Sales</td><td>LightningSales</td><td>Manage your sales process with accounts, leads, opportun...</td><td>22/08/2023, 11:15 am</td><td>Lightning</td><td>✓</td></tr> </table>		13 Queue Management	QueueManagement	Create and manage queues for your business.	22/08/2023, 11:15 am	Lightning	✓	14 Sales	Sales	The world's most popular sales force automation (SFA) sol...	22/08/2023, 11:15 am	Classic	✓	15 Sales	LightningSales	Manage your sales process with accounts, leads, opportun...	22/08/2023, 11:15 am	Lightning	✓
13 Queue Management	QueueManagement	Create and manage queues for your business.	22/08/2023, 11:15 am	Lightning	✓														
14 Sales	Sales	The world's most popular sales force automation (SFA) sol...	22/08/2023, 11:15 am	Classic	✓														
15 Sales	LightningSales	Manage your sales process with accounts, leads, opportun...	22/08/2023, 11:15 am	Lightning	✓														

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.

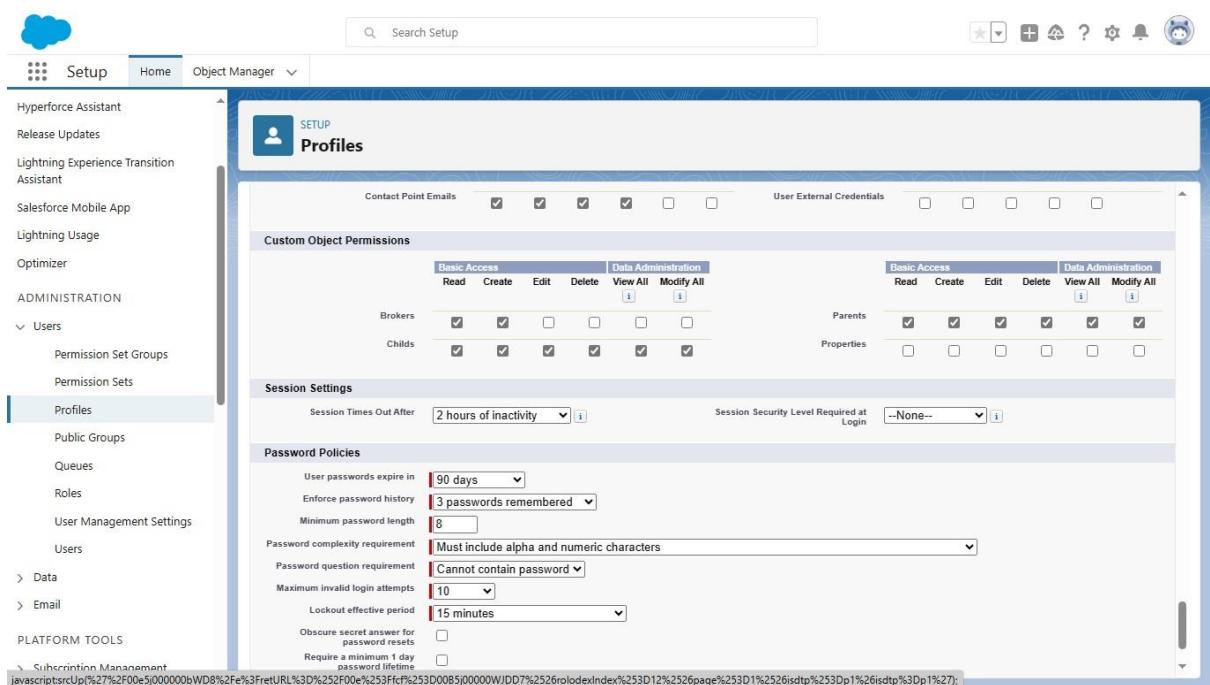
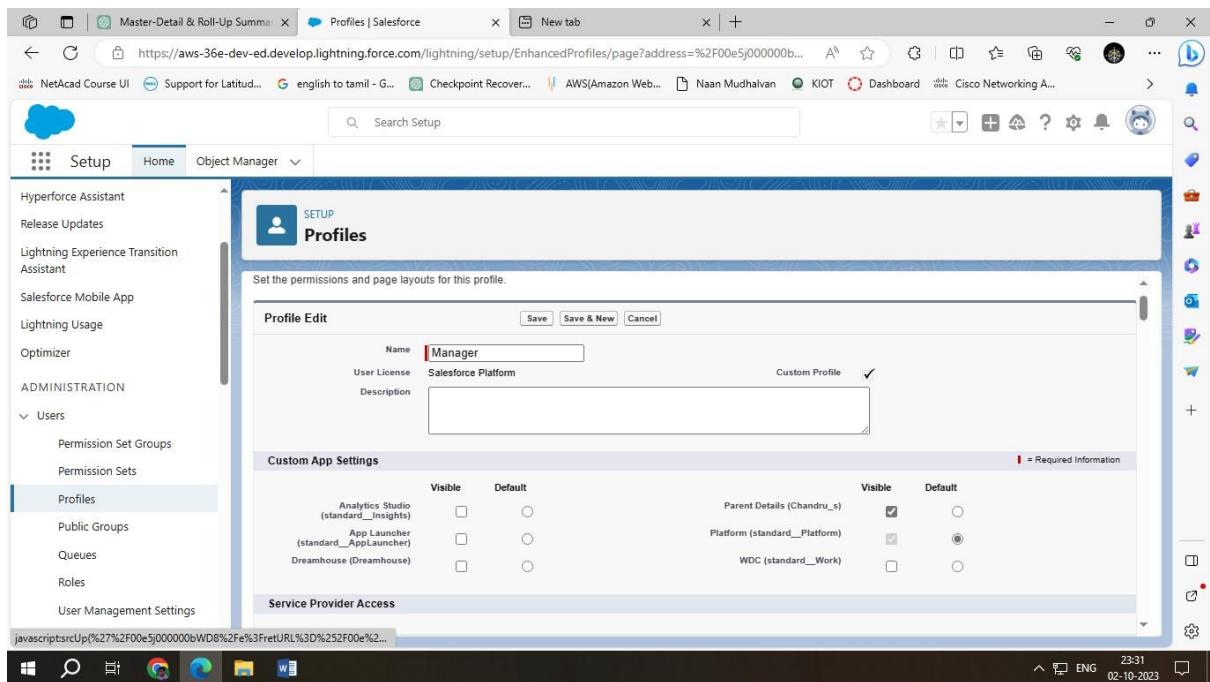
That's it! You've successfully created a Master-Detail relationship between two custom objects (Parent and Child) and set up a Roll-Up Summary Field to calculate the total number of records in the Child object.

The screenshot shows the Salesforce interface for a Parent object named 'CHANDRU SEKAR'. The page title is 'Parent CHANDRU SEKAR'. At the top, there are tabs for 'Parent Details', 'Parents', and 'Childs'. A search bar is at the top right, along with various navigation icons. The main content area has two tabs: 'Related' and 'Details', with 'Details' selected. Under 'Details', there are sections for 'Parent Name' (CHANDRU SEKAR), 'Child' (CS Alina), 'Created By' (Chandru S., 03/10/2023, 10:35 am), and 'Last Modified By' (Chandru S., 03/10/2023, 10:35 am). A large blue background area is visible below the details section. At the bottom left, there is a link to 'History'.

2. If there are 2 users, User A and User B in the organization 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 the Security for the users.

Step 1: Create a Public Group

1. Go to "Setup" in Salesforce.
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 "UserA_Group," and add User A to this group.
5. Create another group for User B, let's call it "UserB_Group," and add User B to this group.



Step 2: Create Criteria-Based Sharing Rules

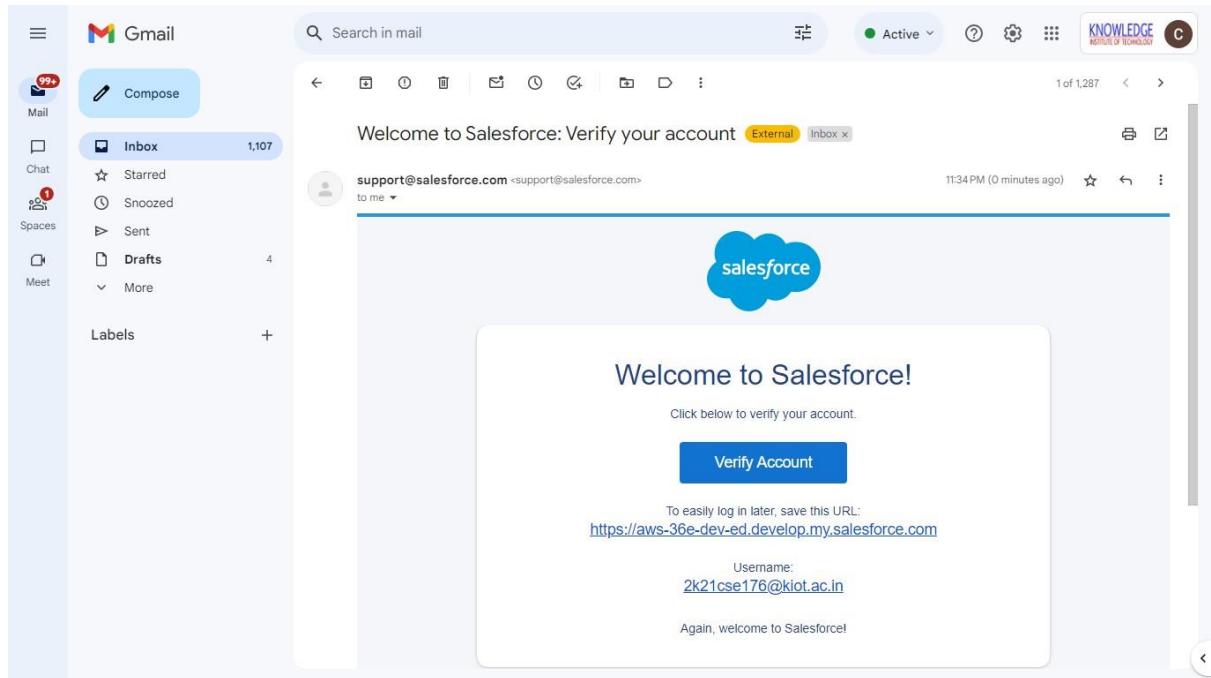
For User A:1. Go to "Setup" in Salesforce.

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.



A screenshot of a 'Change Your Password' form. At the top is the Salesforce logo. The form asks for a new password, specifying it must be at least 8 characters long, contain one letter, and one number. It includes fields for 'New Password' (containing '.....' and 'Good'), 'Confirm New Password' (containing '.....' and 'Match'), and a note about Caps Lock being on. It also includes a 'Security Question' field ('In what city were you born?') and an 'Answer' field ('SALEM'). A large blue 'Change Password' button is at the bottom.

Change Your Password

Enter a new password for **2k21cse176@kiot.ac.in**. Make sure to include at least:

- 8 characters
- 1 letter
- 1 number

* New Password

..... Good

* Confirm New Password

..... Match

⚠ Caps Lock is on.

Security Question

In what city were you born?

* Answer

SALEM

Change Password

Profile Edit

Bmanager

Set the permissions and page layouts for this profile.

Profile Edit

Name: Bmanager
User License: Salesforce Platform
Description:

Custom App Settings

	Visible	Default		Visible	Default
Analytics Studio (standard_Insights)	<input type="checkbox"/>	<input checked="" type="radio"/>	Parent Details (Chandru_s)	<input checked="" type="checkbox"/>	<input type="radio"/>
App Launcher (standard_AppLauncher)	<input type="checkbox"/>	<input checked="" type="radio"/>	Platform (standard_Platform)	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
Dreamhouse (Dreamhouse)	<input type="checkbox"/>	<input checked="" type="radio"/>	WDC (standard_Work)	<input type="checkbox"/>	<input type="radio"/>

Service Provider Access

Tab Settings

Overwrite users' personal tab customizations

Standard Tab Settings: Home | Default On | Learning | Default On

Profiles

Custom Object Permissions

Contacts	Push Topics
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Contact Point Addresses	Sellers
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Contact Point Consents	Streaming Channels
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Contact Point Emails	User External Credentials
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Session Settings

Session Times Out After: 2 hours of inactivity | Session Security Level Required at Login: None

Password Policies

- User passwords expire in: 90 days
- Enforce password history: 3 passwords remembered
- Minimum password length: 8
- Password complexity requirement: Must include alpha and numeric characters
- Password question requirement: Cannot contain password
- Maximum invalid login attempts: 10

For User B:

- 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.

The screenshot shows the Salesforce Setup interface with the 'Users' tab selected. A new user record is being created with the following details:

- User Edit**: The 'Save' button is highlighted.
- General Information**:
 - First Name: Sanjay
 - Last Name: P
 - Alias: sp
 - Email: 2k20cse171@kiot.ac.in
 - Username: 2k20cse171@kiot.ac.in
 - Nickname: User1696315620912300622
 - Title: (empty)
 - Company: (empty)
 - Department: (empty)
 - Division: (empty)
- Role**: <None Specified>
- User License**: Salesforce Platform
- Profile**: Bmanager
- Active**: checked
- Marketing User**: unchecked
- Offline User**: unchecked
- Knowledge User**: unchecked
- Flow User**: unchecked
- Service Cloud User**: unchecked
- Site.com Contributor User**: unchecked
- Site.com Publisher User**: unchecked
- WDC User**: unchecked
- Data.com User Type**: -None-
- Data.com Monthly Addition Limit**: Default Limit (300)
- Accessibility Mode (Classic Only)**: unchecked
- High-Contrast Palette on Charts**: unchecked
- Load Lightning Pages While**: (checkbox)

Step 3: Assign Records Ownership

The screenshot shows the Salesforce Setup interface with the 'Permission Sets' tab selected. A new permission set is being created with the following details:

- Permission Set**: Create
- Enter permission set information**:
 - Label**: permission
 - API Name**: permission
 - Description**: (empty)
 - Session Activation Required**: unchecked
- Select the type of users who will use this permission set**:
 - Who will use this permission set?
 - Choose '-None-' if you plan to assign this permission set to multiple users with different user and permission set licenses.
 - Choose a specific user license if you want users with only one license type to use this permission set.
 - Choose a specific permission set license if you want this permission set license auto-assigned with the permission set.
 - Not sure what a permission set license is? [Learn more here.](#)
 - License**: -None-

Permission Set
permission

Object Name Object Permissions Total Fields Tab Settings

Accounts	No Access	40	--
AI Insight Reasons	No Access	--	--
AI Record Insights	No Access	--	--
Alternative Payment Methods	No Access	27	--
API Anomaly Event Stores	No Access	14	--
App Analytics Query Requests	No Access	--	--
Application Usage Assignments	No Access	--	--
Appointment Categories	No Access	3	--
Appointment Invitations	No Access	17	--
Appointment Invitees	--	4	--
Appointment Schedule Aggregates	No Access	--	--
Appointment Schedule Logs	No Access	--	--
Appointment Topic Time Slots	No Access	6	--
Asset Actions	No Access	30	--
Asset Action Sources	No Access	18	--
Asset Relationships	--	10	--
Assets	No Access	42	--
	No Access	11	--

Permission Set
permission

Childs Save Cancel

Tab Settings

Available	Visible
<input type="checkbox"/>	<input type="checkbox"/> <input type="radio"/>

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 checked="" type="checkbox"/>
Modify All	<input checked="" type="checkbox"/>

Field Permissions

Field Name	Read Access	Edit Access
Child Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Created By	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Setup Home Object Manager

... > PERMISSION SET PERMISSION > MANAGE ASSIGNMENT EXPIRATION

permission

Select Users to Assign

All Users

1 item selected

Full Name	Role	Username	Profile
Chandru S	CS	au611220104303@naanmudhalvan.com	System Administrator
Chatter Expert	Chatter	chatty.00d5j00000cismqean.eodfzikbsrf@chatter.salesforce.com	Chatter Free User
Integration User	integ	integration@00d5j00000cismqean.com	Analytics Cloud Integration User
Sanjay P	sp	2k22cse171@kiot.ac.in	Bmanager
Security User	sec	insightsecurity@00d5j00000cismqean.com	Analytics Cloud Security User
Sunil A	sa	2k21cse176@kiot.ac.in	Manager

C Cancel Next

Subscription Management aws-36e-dev-ed.lightning.force.com/lightning/r/0055j000009Zv6qAAC/vi...

Setup Home Object Manager

... > PERMISSION SET PERMISSION > MANAGE ASSIGNMENT EXPIRATION

permission

Select an Expiration Option For Assigned Users

No expiration date

Specify the expiration date

1 Day 1 Week 30 Days 60 Days Custom Date

Time Zone Select a time zone...

Selected Users

Full Name	Role	Profile	Active	User License	Expires On
Sunil A	Manager		✓	Salesforce Platform	Never Expires

Cancel Back Assign

Subscription Management

The screenshot shows the Salesforce Setup interface. The left sidebar includes links for Hyperforce Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, Administration (with sub-links for Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, and Users), Data, Email, and Platform Tools (Subscription Management). The main content area displays a success message: "... > PERMISSIONS > Assignments > permission" with "1 assignments were successful." A table titled "Assignment Summary" lists one assignment: Sunil A (User License: Salesforce Platform, Expires On: --, Time Zone: --, Status: Success). A "Done" button is at the bottom right.

The screenshot shows the Salesforce Setup interface. The left sidebar includes links for Hyperforce Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, Administration (with sub-links for Users, Permission Set Groups, and Permission Sets), Data, Email, and Platform Tools (Subscription Management). The main content area displays the "Permission Sets" page, which lists various objects and their access levels. The table includes columns for Object Name, Access Level, and Counts (e.g., 26, 6, 14, 15, 33, 4, 18, 24, 30, 6, 1, 20, 41, etc.). A "Done" button is at the bottom right.

The screenshot shows the Salesforce Setup interface with the following details:

- Header:** Search Setup, Home, Object Manager.
- Left Sidebar:** Hyperforce Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, ADMINISTRATION (Users, Permission Set Groups, Permission Sets), Data, Email, PLATFORM TOOLS, Subscription Management.
- Current Page:** SETUP - Permission Sets
- Content Area:**
 - Permission Set Overview:** permission
 - Parents:** Tab Settings (Available, Visible) - Available is checked.
 - Object Permissions:**

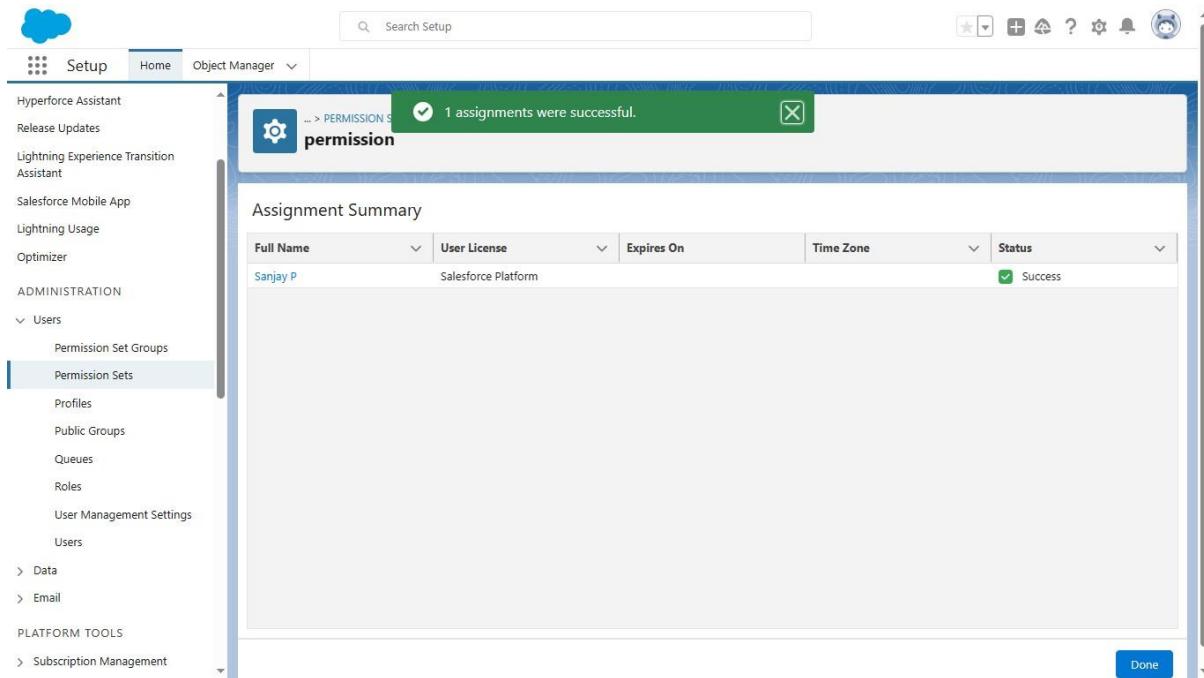
Permission Name	Enabled
Read	<input checked="" type="checkbox"/>
Create	<input checked="" type="checkbox"/>
Edit	<input type="checkbox"/>
Delete	<input type="checkbox"/>
View All	<input type="checkbox"/>
Modify All	<input type="checkbox"/>
 - Field Permissions:**

Field Name	Read Access	Edit Access
Child	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Created By	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The screenshot shows the Salesforce Setup interface with the following details:

- Header:** Search Setup, Home, Object Manager.
- Left Sidebar:** Hyperforce Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, ADMINISTRATION (Users, Permission Set Groups, Permission Sets), Data, Email, PLATFORM TOOLS, Subscription Management.
- Current Page:** ... > PERMISSION SET 'PERMISSION' > MANAGE ASSIGNMENT EXPIRATION
- Content Area:**
 - Select Users to Assign:** All Users
 - Table:** Shows users assigned to the permission set:

Full Name	Ali...	Username	Role	Ac...	Profile
Chandru S	CS	au611220104303@naanmudhalvan.com	<input checked="" type="checkbox"/>		System Administrator
Chatter Expert	Chatter	chatty.00d5j00000cismqean.eodfzikibsr@chatter.salesforce.com	<input checked="" type="checkbox"/>		Chatter Free User
Integration User	integ	integration@00d5j00000cismqean.com	<input checked="" type="checkbox"/>		Analytics Cloud Integration User
Sanjay P	sp	2k22cse171@kiot.ac.in	<input checked="" type="checkbox"/>		Bmanager
Security User	sec	insightssecurity@00d5j00000cismqean.com	<input checked="" type="checkbox"/>		Analytics Cloud Security User
 - Buttons:** Cancel, Next



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. Go to "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.

The screenshot shows the Salesforce Setup interface. The left sidebar includes sections for Lightning Usage, Optimizer, Administration (with sub-options like Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, and the currently selected **Users**), Data, Email, Platform Tools, Subscription Management, Apps, Feature Settings, Slack, MuleSoft, and Einstein. The main content area is titled "SETUP" and "Users". It displays a list of users with columns for Action, Full Name, Alias, Username, Role, Active status, and Profile. The user list includes:

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	A_Sunil	sa	2k21cse178@kiot.ac.in		<input checked="" type="checkbox"/>	Manager
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatty.00d500000cismorean.eodfzklbsrf@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
<input type="checkbox"/> Edit	P_Sanjay	sq	2k22cse171@kiot.ac.in		<input checked="" type="checkbox"/>	Manager
<input type="checkbox"/> Edit	S_Ghadru	GS	au611220104303@aaannmuthalvan.com		<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/> Edit	User_Integration	inted	integration@00d500000cismorean.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User_Security	sec	insightssecurity@00d500000cismorean.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User

At the bottom, there are links for New User, Reset Password(s), Add Multiple Users, and navigation links A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | All.

The screenshot shows the Salesforce Setup interface. The left sidebar includes sections for Lightning Usage, Optimizer, Administration, and various tools like Data, Email, and Platform Tools. The main content area is titled "Profiles" under the "SETUP" tab. It displays a list of profiles with columns for Action, Profile Name, User License, and Custom status. A navigation bar at the bottom shows page numbers 1-25 and 1 Selected.

Action	Profile Name	User License	Custom
<input type="checkbox"/>	Analytics Cloud Integration User	Analytics Cloud Integration User	<input type="checkbox"/>
<input type="checkbox"/>	Analytics Cloud Security User	Analytics Cloud Integration User	<input type="checkbox"/>
<input type="checkbox"/>	Authenticated Website	Authenticated Website	<input type="checkbox"/>
<input type="checkbox"/>	Authenticated Website	Authenticated Website	<input type="checkbox"/>
<input type="checkbox"/>	Bmanager	Salesforce Platform	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Chatter External User	Chatter External	<input type="checkbox"/>
<input type="checkbox"/>	Chatter Free User	Chatter Free	<input type="checkbox"/>
<input type="checkbox"/>	Chatter Moderator User	Chatter Free	<input type="checkbox"/>
<input type="checkbox"/>	Contract Manager	Salesforce	<input type="checkbox"/>
<input type="checkbox"/>	Cross Org Data Proxy User	XOrg Proxy User	<input type="checkbox"/>
<input type="checkbox"/>	Custom: Marketing Profile	Salesforce	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Custom: Sales Profile	Salesforce	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Custom: Support Profile	Salesforce	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Customer Community Login User	Customer Community Login	<input type="checkbox"/>
<input type="checkbox"/>	Customer Community Plus Login User	Customer Community Plus Login	<input type="checkbox"/>
<input type="checkbox"/>	Customer Community Plus User	Customer Community Plus	<input type="checkbox"/>

1-25 of 1 ▾ 0 Selected ▾

Page 1 of 2

The screenshot shows the Salesforce Setup interface with the 'Profiles' section selected. A modal window titled 'Clone Profile' is open, prompting the user to enter a new profile name ('Manager') based on an existing profile ('Standard Platform User'). The 'User License' is set to 'Salesforce Platform'. The 'Save' button is visible at the bottom of the modal.

The screenshot shows the Salesforce Setup interface with the 'Profiles' section selected. A modal window titled 'Profile Detail' displays the details for the 'chan' profile. The profile has a name of 'chan', a user license of 'Salesforce Platform', and was created by 'Chandru S' on 03/10/2023, 1:50 pm. The 'Edit', 'Clone', 'Delete', and 'View Users' buttons are visible. The 'Page Layouts' section lists various standard object layouts assigned to the profile, such as 'Global Layout' for 'Email Application' and 'Home Page Default' for 'Home Page Layout'.

The screenshot shows the Salesforce Setup interface with the 'Profiles' page selected. The left sidebar includes links for Setup Home, Service Setup Assistant, Multi-Factor Authentication Assistant, Hyperforce Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, and various Administration sections like Users, Permission Set Groups, and Profiles. The main content area displays the 'Profiles' configuration screen with tabs for Basic Access, Data Administration, and Session Settings. It includes sections for Brokers, Parents, and Properties, along with detailed password policies and session timeout configurations.

The screenshot shows the Salesforce Setup interface with the 'Profile Edit' page for a profile named 'chan'. The left sidebar is identical to the previous screenshot. The main content area shows the 'Profile Edit' form for 'chan', which includes fields for Name (chan), User License (Salesforce Platform), and Description. It also features sections for Custom App Settings, Service Provider Access, and Tab Settings, allowing users to manage various application and tab configurations for the profile.

Screenshot of the Salesforce Lightning Experience showing the 'All Users' page under the 'Users' section of the Setup menu.

The page displays a list of users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The users listed are:

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	A_Sunil	sa	2k2cse176@kiot.ac.in	Manager	<input checked="" type="checkbox"/>	
Edit	Chatter Expert	Chatter	chatty.00d500000cismgean.eodfzikibsr@chatter.salesforce.com	Chatter Free User	<input checked="" type="checkbox"/>	
Edit	P_Sanjay	sp	2k2cse171@kiot.ac.in	Bmanager	<input checked="" type="checkbox"/>	
Edit	S_Chandru	CS	su611220104303@naanmudhalvan.com	System Administrator	<input checked="" type="checkbox"/>	
Edit	User_Integration	integ	integration@00d500000cismgean.com	Analytics Cloud Integration User	<input checked="" type="checkbox"/>	
Edit	User_Security	sec	insightssecurity@00d500000cismgean.com	Analytics Cloud Security User	<input checked="" type="checkbox"/>	

Navigation links at the bottom include: New User, Reset Password(s), Add Multiple Users, and links to other setup categories: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, Other.

Screenshot of the Salesforce Setup interface showing the 'New User' creation page under the 'Users' section of the Setup menu.

The 'User Edit' form is displayed with the following fields filled:

- General Information:
 - First Name: Sunil
 - Last Name: A
 - Alias: sa
 - Email: 2k2cse176@kiot.ac.in
 - Username: 2k2cse176@kiot.ac.in
 - Nickname: User1696321490080232961
 - Title:
 - Company: Male
 - Department:
 - Division:
- Role: <None Specified> (dropdown)
- User License: Salesforce Platform (dropdown)
- Profile: chan (dropdown)
- Active:
- Marketing User:
- Offline User:
- Knowledge User:
- Flow User:
- Service Cloud User:
- Site.com Contributor User:
- Site.com Publisher User:
- WDC User:
- Data.com User Type: <None> (dropdown)
- Data.com Monthly Addition Limit: Default Limit (300) (dropdown)
- Accessibility Mode (Classic Only):
- High-Contrast Palette on Charts:
- Load Lightning Pages While:

Required information indicator: ! = Required Information

Cloud icon

Setup Home

Search Setup

Home Object Manager

Lightning Usage

Optimizer

ADMINISTRATION

Users

- Permission Set Groups
- Permission Sets
- Profiles
- Public Groups
- Queues
- Roles
- User Management Settings
- Users**

Data Email

PLATFORM TOOLS

Subscription Management Apps Feature Settings Slack MuleSoft Einstein

SETUP

Users

User Sunil A

User Profile Help for this Page

User Detail

Name	Sunil A	Role	Salesforce Platform
Alias	sa	User License	chan
Email	2k20cse176@kiot.ac.in [Verify]	Profile	
Username	2k23cse176@kiot.ac.in	Active	<input checked="" type="checkbox"/>
Nickname	User16963214900802329619	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company	Male	Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address	2/73 Kankandaipalayam Malasamudram 637503 Tamil Nadu India	Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (India)	WDC User	<input type="checkbox"/>
Language	English	Mobile Push Registrations	View
Delegated Approver		Data.com User Type	i
Manager		Accessibility Mode (Classic Only)	<input type="checkbox"/> i
Receive Approval Request Emails	Only if I am an approver	Debug Mode	<input type="checkbox"/> i
Experience ID		High-Contrast Palette on Charts	<input type="checkbox"/> i

Edit Sharing Reset Password Freeze

Site.com Contributor User Site.com Publisher User WDC User Mobile Push Registrations Data.com User Type Accessibility Mode (Classic Only) Debug Mode High-Contrast Palette on Charts

Contract Palette on Charts

Cloud icon

Setup Home

Search Setup

Home Object Manager

Quick Find

Service Setup Assistant Multi-Factor Authentication Assistant Hyperforce Assistant Release Updates Lightning Experience Transition Assistant Salesforce Mobile App Lightning Usage Optimizer

ADMINISTRATION

Users

- Permission Set Groups
- Permission Sets
- Profiles
- Public Groups
- Queues
- Roles
- User Management Settings

SETUP

Users

User Edit Sunil A

Help for this Page

User Edit

Save Save & New Cancel

General Information

First Name Sunil Role <None Specified>

Last Name A User License Salesforce Platform

Alias sa Profile chan

Email 2k20cse176@kiot.ac.in Active

Username 2k21cse176@kiot.ac.in Marketing User

Nickname User169631476178576A938 Offline User

Title Knowledge User

Company Male Flow User

Department Service Cloud User

Division Site.com Contributor User

Site.com Publisher User

WDC User

Data.com User Type -None- [i](#)

Data.com Monthly Addition Limit 300 [i](#)

Accessibility Mode (Classic Only) [i](#)

High-Contrast Palette on Charts [i](#)

Contract Palette on Charts

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.

The screenshot shows the Salesforce Setup interface. On the left, the navigation sidebar includes links like Setup Home, Service Setup Assistant, Multi-Factor Authentication Assistant, Hyperforce Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, and Administration (with sub-links for Users, Permission Set Groups, and Permission Sets). The 'Permission Sets' link is currently selected. The main content area displays the 'Permission Sets' page for a permission set named 'Permission01'. A modal window titled 'Edit Properties' is open, showing fields for Label ('permission01'), API Name ('permission01'), and Description. Below the modal, the 'App Permissions' section is visible, listing 'App Permissions', 'Apex Class Access', 'Visualforce Page Access', and 'External Data Source Access'. The top right of the main content area shows the API Name ('permission01'), Namespace Prefix (''), Created By ('Chandru S.'), and Created Date ('03/10/2023, 1:59 pm').

This screenshot shows the same Salesforce Setup interface as the first one, but with a different tab selected in the main content area: 'Object Settings'. The 'Accounts' tab is active under the 'Object Settings' dropdown. The 'Object Permissions' section shows a table with columns 'Permission Name' and 'Enabled'. The rows include Read, Create, Edit, Delete, View All, and Modify All, all of which have the 'Enabled' checkbox checked. The 'Field Permissions' section below shows a table with columns 'Field Name', 'Read Access', and 'Edit Access'. For the 'Account' object, the fields listed are Account Name, Account Number, Account Owner, Account Site, Account Source, Active, and Annual Revenue. Most of these fields have both 'Read Access' and 'Edit Access' checkboxes checked, except for 'Account Number' which only has 'Read Access' checked.

The screenshot shows the Salesforce Setup interface with the 'Permission Sets' tab selected. On the left, a sidebar lists various setup categories like Service Setup Assistant, Multi-Factor Authentication Assistant, and Administration. The main content area displays a permission set named 'permission01'. It includes sections for 'Object Permissions' (listing permissions for Accounts) and 'Field Permissions' (listing permissions for Account Name, Account Number, Account Owner, etc.).

The screenshot shows the Salesforce Setup interface with the 'All Users' tab selected. The sidebar is identical to the previous screenshot. The main content area shows a list of users with columns for Full Name, Username, Role, and Profile. Two users, 'Sunil A' and 'Sunil A', have checkboxes checked in the 'Selected' column. A 'Next' button is visible at the bottom right.

The screenshot shows the Salesforce Setup interface. On the left, the navigation bar includes 'Setup', 'Home', and 'Object Manager'. The main content area is titled 'Selected Users' and displays a table of users assigned to a permission set. The table columns are: Full Name, Role, Profile, Active, User License, and Expires On. Two users, 'Sunil A' and 'Sunil A', are listed, both assigned to the 'chan' profile and having 'Salesforce Platform' user licenses with 'Never Expires' expiration dates. Above the table, there are options for specifying an expiration date (radio buttons for 'No expiration date' and 'Specify the expiration date', with sub-options for 1 Day, 1 Week, 30 Days, 60 Days, and Custom Date) and a 'Time Zone' dropdown. At the bottom right are 'Back' and 'Assign' buttons.

The screenshot shows the Salesforce Setup interface after a permission set has been assigned. A green success message at the top states '... > PERMISSION SETS 2 assignments were successful.' Below it, the title 'permission01' is displayed. The main content area is titled 'Assignment Summary' and shows a table of assigned users. The table columns are: Full Name, User License, Expires On, Time Zone, and Status. Two users, 'Sunil A' and 'Sunil A', are listed, both assigned to the 'Salesforce Platform' user license with 'Success' status. At the bottom right is a 'Done' button.

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

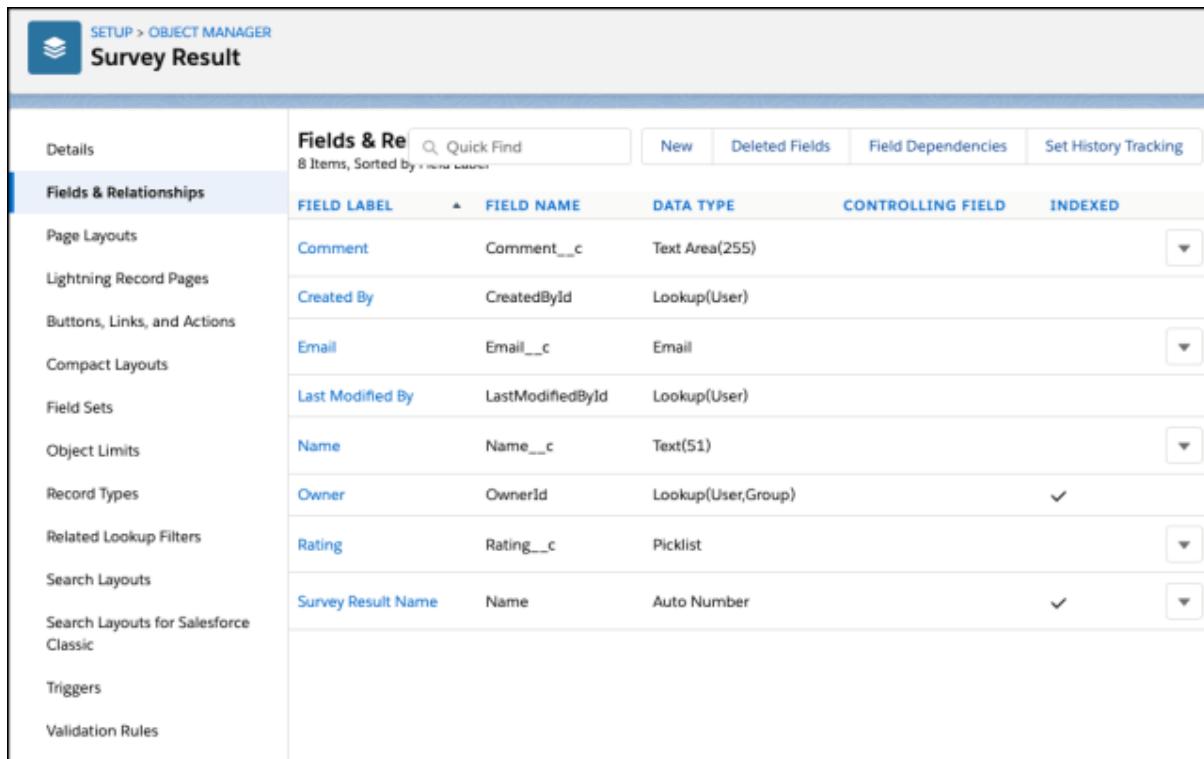
Step 1: Create a custom object

1.Click Setup.

2.In the 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.



The screenshot shows the Salesforce Object Manager interface for the 'Survey Result' object. The top navigation bar includes 'SETUP > OBJECT MANAGER' and the object name 'Survey Result'. Below the header, there's a 'Fields & Relationships' section with a table. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The data in the table is as follows:

Details	Fields & Relationships				
	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Comment	Comment__c	Text Area(255)		
Lightning Record Pages	Created By	CreatedById	Lookup(User)		
Buttons, Links, and Actions	Email	Email__c	Email		
Compact Layouts	Last Modified By	LastModifiedById	Lookup(User)		
Field Sets	Name	Name__c	Text(51)		
Object Limits	Owner	OwnerId	Lookup(User,Group)	✓	
Record Types	Rating	Rating__c	Picklist		
Related Lookup Filters	Survey Result Name	Name	Auto Number	✓	
Search Layouts					
Search Layouts for Salesforce Classic					
Triggers					
Validation Rules					

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

Email Template
Thank You Email - Survey

Details Related

Information

Email Template Name Thank You Email - Survey	Related Entity Type Survey Result
Description	Folder Public Email Templates
Made in Email Template Builder <input checked="" type="checkbox"/>	

Message Content

Subject Thank You For Completing Our Survey!	Enhanced Letterhead
HTML Value	<p>Hi {{Survey_Result__c.Name__c}},</p> <p>Thanks for taking time out to participate in our survey. We are very appreciative of the time you have taken to assist in our analysis, and commit to utilizing the information gained to contemplate and implement worthwhile improvements. We will share these results with you through your State Survey Agency, whom we also thank for their generous participation.</p> <p>Once again, we are extremely grateful for your contributing your valuable time, your honest information, and your thoughtful suggestions.</p> <p>Thanks, Automation Champion</p>

Additional Information

Created By Rakesh Gupta, 12/21/2020, 4:23 PM	Last Modified By Rakesh Gupta, 12/21/2020, 4:32 PM
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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.

The screenshot shows the 'Edit Email Alert' interface for a 'Survey - Thank You Email'. The 'Description' field contains 'Survey - Thank You Email'. The 'Unique Name' field is 'Survey_Thank_You_Email'. The 'Object' is 'Survey Result'. The 'Email Template' is 'Thank You Email - Survey'. The 'Protected Component' checkbox is unchecked. In the 'Recipients' section, there are two panels: 'Available Recipients' (listing 'User: Integration User', 'User: Rakesh Gupta', and 'User: Security User') and 'Selected Recipients' (listing 'Email Field: Email'). A note below says 'You can enter up to five (5) email addresses to be notified.' At the bottom, the 'From Email Address' is set to 'Current User's email address' with an unchecked checkbox for 'Make this address the default From email address for this object's email alerts.'

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.Select 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 object from the dropdown list.
- 6.Set Field Values for the Survey Result

Row 1:

Field: Comment__c

Value: {!Comment}

Click Add Row

Row 2:

Field: Email__c

Value: {!Email.value}

Click Add Row

Row3:

Field: Name__c

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

Click Add Row

Row 3:

Field: Rating__c

Value: {!Rating}

7.Click Done.

Edit Create Records

Create Salesforce records using values from the flow.

*Label <input type="text" value="Save Response"/>	*API Name <input type="text" value="Save_Response"/>
Description <div style="border: 1px solid #ccc; height: 60px; width: 100%;"></div>	

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**

Set Field Values for the Survey Result

Field <input type="text" value="Comment__c"/>	Value <input type="text" value="A_a Comment X"/>	← A_a Comment X X
Field <input type="text" value="Email__c"/>	Value <input type="text" value="A_a Email > Value X"/>	← A_a Email > Value X X
Field <input type="text" value="Name__c"/>	Value <input type="text" value="(!Name.firstName) (!Name.lastName)"/>	← (!Name.firstName) (!Name.lastName) X
Field <input type="text" value="Rating__c"/>	Value <input type="text" value="A_a Rating X"/>	← A_a Rating X X
+ Add Field <input type="checkbox" value="Manually assign variables"/> Manually assign variables		

Cancel
Done

Step 4.3: Salesforce Flow – Call an Acton – Email Alert to Send Out Thank You Email

- 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.

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.

*Label	*API Name
Send Thank You Email	Send_Thank_You_Email
Description	
<input type="text"/>	
Set Input Values	
A_a	*Record ID
{!Save_Response}	
<input type="button" value="Cancel"/> <input type="button" value="Done"/>	

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

The screenshot shows the 'Save as' dialog for a new flow. The 'A New Version' button is selected. The 'Flow Label' is 'Survey' and the 'Flow API Name' is also 'Survey'. There is a large 'Description' text area which is currently empty. Below that is a 'Hide Advanced' link. Under 'How to Run the Flow', it says 'User or System Context—Depends on How Flow is Launched'. The 'Type' is set to 'Screen Flow'. The 'API Version for Running the Flow' is '51'. In the 'Interview Label' section, there is a text input field with 'Survey {!\$Flow.CurrentDateTime}' entered. Below this, the 'Last Modified' information shows '12/21/2020, 4:54 PM by Rakesh Gupta'. At the bottom, the status is 'Active', the type is 'Screen Flow', and the version number is '2'. Finally, there are 'Cancel' and 'Save' buttons at the bottom right.

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.

File ▾ Edit ▾ Debug ▾ Test ▾ Workspace ▾ Help ▾ < >

VFPageToLC.app *

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

Logs, Tests, and Problems

```

1 <apex:page showheader="false" lightningStylesheets="true">
2 <html>
3   <head>
4     <apex:includeLightning />
5     <!--Use apex:includeLightning to add the Lightning Components for Visualforce JavaScript library to your Visualf
6   </head>
7   <body class="slds-scope">
8     <div id="flowContainer" />
9     <script>
10
11       var statusChange = function (event) {
12         if(event.getParam("status") === "FINISHED") {
13           var outputVariables = event.getParam("outputVariables");
14           var key;
15           for(key in outputVariables) {
16             if(outputVariables[key].name === "myOutput") {
17               ...
18             }
19           }
20         }
21       };
22       $Lightning.use("c:VFPPageToLC", function() {
23         $Lightning.createComponent("lightning:flow", {"onstatuschange":statusChange},
24           "flowContainer",
25           function (component) {
26             component.startFlow("Survey", );
27           }
28         );
29       });
30     </script>
</body>

```

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

Save **Cancel**

Site Label	<input type="text" value="Survey"/>
Site Name	<input type="text" value="Survey"/>
Site Description	<input type="text" value=""/>
Site Contact	<input type="text" value="Rakesh Gupta"/>
Default Record Owner	<input type="text" value="Rakesh Gupta"/>
Default Web Address	<input type="text" value="http://katihar-developer-edition.gus.force.com/survey"/>
Active	<input checked="" type="checkbox"/>
Active Site Home Page	<input type="text" value="Survey"/> [Preview]
Inactive Site Home Page	<input type="text" value="InMaintenance"/> [Preview]
Site Template	<input type="text" value="SiteTemplate"/>
Site Robots.txt	<input type="text"/>
Site Favorite Icon	<input type="text"/>
Analytics Tracking Code	<input type="text"/>
URL Rewriter Class	<input type="text"/>
Enable Feeds	<input type="checkbox"/>
Clickjack Protection Level	<input type="text" value="Allow framing by the same origin only (Recommended)"/>
Require Secure Connections (HTTPS)	<input checked="" type="checkbox"/>
Lightning Features for Guest Users	<input checked="" type="checkbox"/>
Upgrade all requests to HTTPS	<input checked="" type="checkbox"/>
Enable Content Sniffing Protection	<input checked="" type="checkbox"/>
Enable Browser Cross Site Scripting Protection	<input checked="" type="checkbox"/>
Referrer URL Protection	<input checked="" type="checkbox"/>
Guest Access to the Payments API	<input type="checkbox"/>

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

Last Name

*Email

*Rating
 5

*Comment
 

Next

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

Row 1:

Field: Comment_c

Value: {!Comment}

Click Add Row

Row 2:

Field: Email_c

Value: {!Email.value}

Click Add Row

Row 3:

Field: Name_c

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

Click Add Row

Row 3:

Field: Rating_c

Value: {!Rating}

Click Done.