

NAAN MUDHALVAN
SALESFORCE DEVELOPER PROJECT REPORT

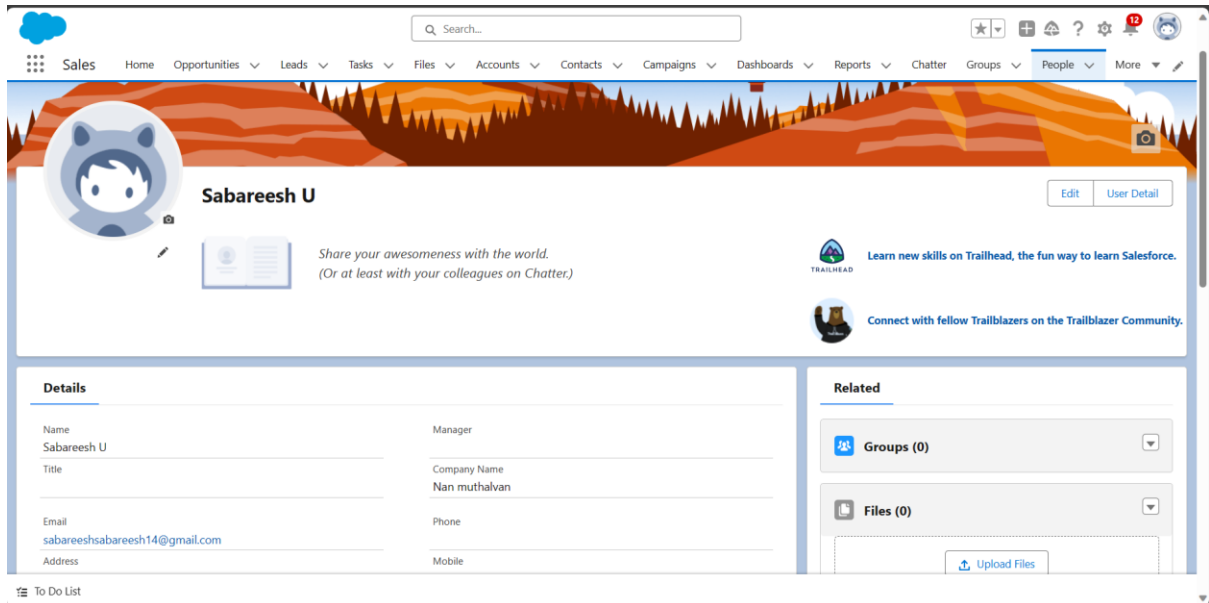
PROJECT TITLE: COSMETICS STORE MANAGEMENT

COLLEGE: PONJESLY COLLEGE OF ENGINEERING.

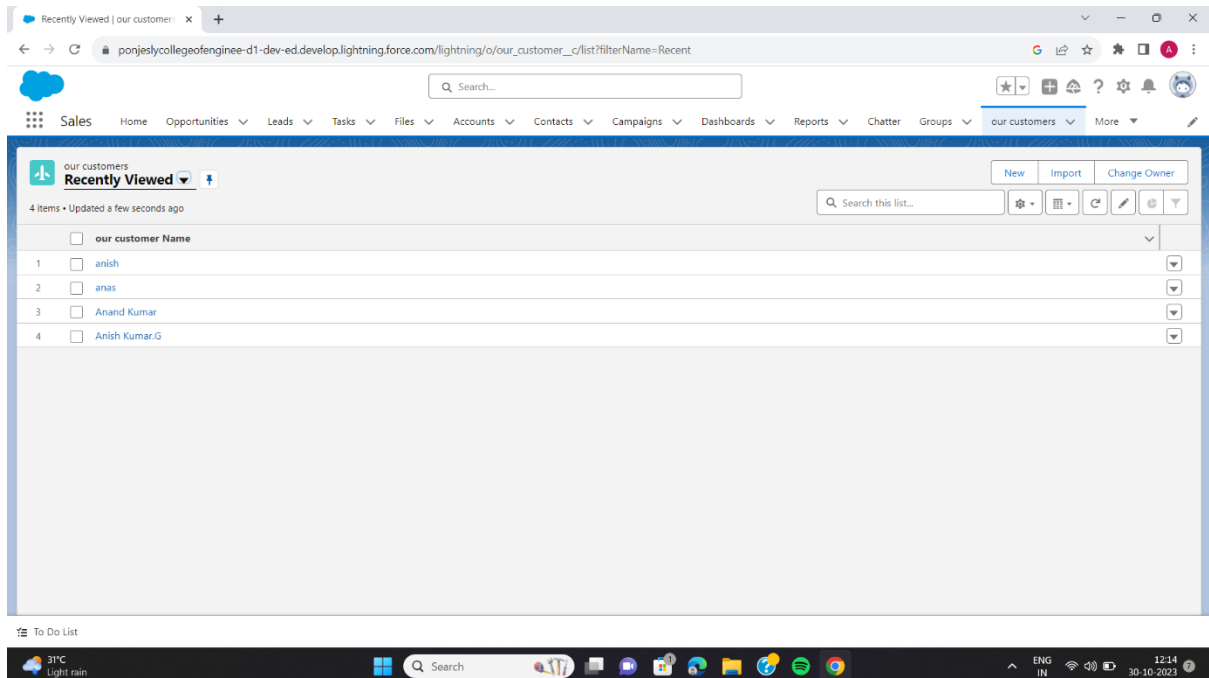
BATCH – 12

NAME	NM ID	REG NO
SABAREESH.U	FAA12A82D9592BF955C4F2014AD87EA9	961820114322

STEP 1 : Create a Salesforce Account



STEP 2 : Create the Objects(The consultants,The retailers,The others)



Recently Viewed | consultants | x

ponjeslycollegeofengineer-d1-dev-ed.develop.lightning.force.com/lightning/o/consultants_c/list?filterName=Recent

Search...

Sales Home Opportunities Leads Tasks Files Accounts Contacts Campaigns Dashboards Reports Chatter Groups consultants More

consultants Recently Viewed

4 items • Updated a few seconds ago

Search this list...

consultants Name

1	<input type="checkbox"/>	anish kumar	
2	<input type="checkbox"/>	anish s	
3	<input type="checkbox"/>	anand kumar	
4	<input type="checkbox"/>	anas	

To Do List

31°C Light rain

Search

ENG IN 12:15 30-10-2023

Recently Viewed | retailers | Sal | x

ponjeslycollegeofengineer-d1-dev-ed.develop.lightning.force.com/lightning/o/retailers_c/list?filterName=Recent

Search...

Sales Home Opportunities Leads Tasks Files Accounts Contacts Campaigns Dashboards Reports Chatter Groups retailers More

retailors Recently Viewed

4 items • Updated a few seconds ago

Search this list...

retailers Name

1	<input type="checkbox"/>	anish kumar	
2	<input type="checkbox"/>	anish s	
3	<input type="checkbox"/>	anand kumar	
4	<input type="checkbox"/>	anas	

To Do List

31°C Light rain

Search

ENG IN 12:15 30-10-2023

STEP 3 : Field and Relationship

Home | Salesforce x our customer | Salesforce x +

ponjeslycollegeofenginee-d1-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115g000004Xf09/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
our customer

Details

Fields & Relationships
8 Items, Sorted by Field Label

Q Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Text Area(255)		
Created By	CreatedById	Lookup(User)		
customer id	customer_id__c	Auto Number		
Email Id	Email_Id__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
our customer Name	Name	Text(80)		✓
Owner	OwnerId	Lookup(User,Group)		✓
phone number	phone_number__c	Number(10, 0)		

29°C Partly sunny 12:18 30-10-2023

Home | Salesforce x retailers | Salesforce x +

ponjeslycollegeofenginee-d1-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115g000004Xf0s/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
retailers

Details

Fields & Relationships
8 Items, Sorted by Field Label

Q Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
customer id	customer_id__c	Auto Number		
customer name	customer_name__c	Text(12)		
email id	email_id__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
mobile number	mobile_number__c	Phone		
Owner	OwnerId	Lookup(User,Group)		✓
retailers Name	Name	Text(80)		✓

29°C Partly sunny 12:18 30-10-2023

The screenshot shows the Salesforce Setup interface for the 'our customer' object. The left sidebar contains a navigation menu with options like Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'Fields & Relationships' and shows a table of 8 items, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are Address, Created By, customer id, Email Id, Last Modified By, our customer Name, Owner, and phone number.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Text Area(255)		
Created By	CreatedById	Lookup(User)		
customer id	customer_id__c	Auto Number		
Email Id	Email_id__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
our customer Name	Name	Text(80)		✓
Owner	OwnerId	Lookup(User,Group)		✓
phone number	phone_number__c	Number(10, 0)		

STEP 4 : Create The Lightning App

The screenshot shows the Salesforce Lightning Usage - Active Licenses page. The left sidebar contains a navigation menu with options like ACTIVITY, Lightning Experience, Salesforce Mobile, USAGE, Switches To Classic, Browser, Page, Active Licenses, SECURITY, and Login Metrics. The main content area is titled 'Lightning Usage Active Licenses' and shows a bar chart titled 'User Licenses by Profile' for the 'Salesforce' org. The chart displays the number of assigned and active licenses for various user profiles over the last 30 days. The profiles listed are Contract Manager, Custom: Marketing Profile, Custom: Sales Profile, Custom: Support Profile, Marketing User, Minimum Access - Salesforce, Read Only, Solution Manager, Standard User, and System Administrator. The System Administrator profile has the highest number of active licenses, with a value of 1.

Profile	Assigned Licenses	Active Licenses
Contract Manager	0	0
Custom: Marketing Profile	0	0
Custom: Sales Profile	0	0
Custom: Support Profile	0	0
Marketing User	0	0
Minimum Access - Salesforce	0	0
Read Only	0	0
Solution Manager	0	0
Standard User	0	0
System Administrator	1	1

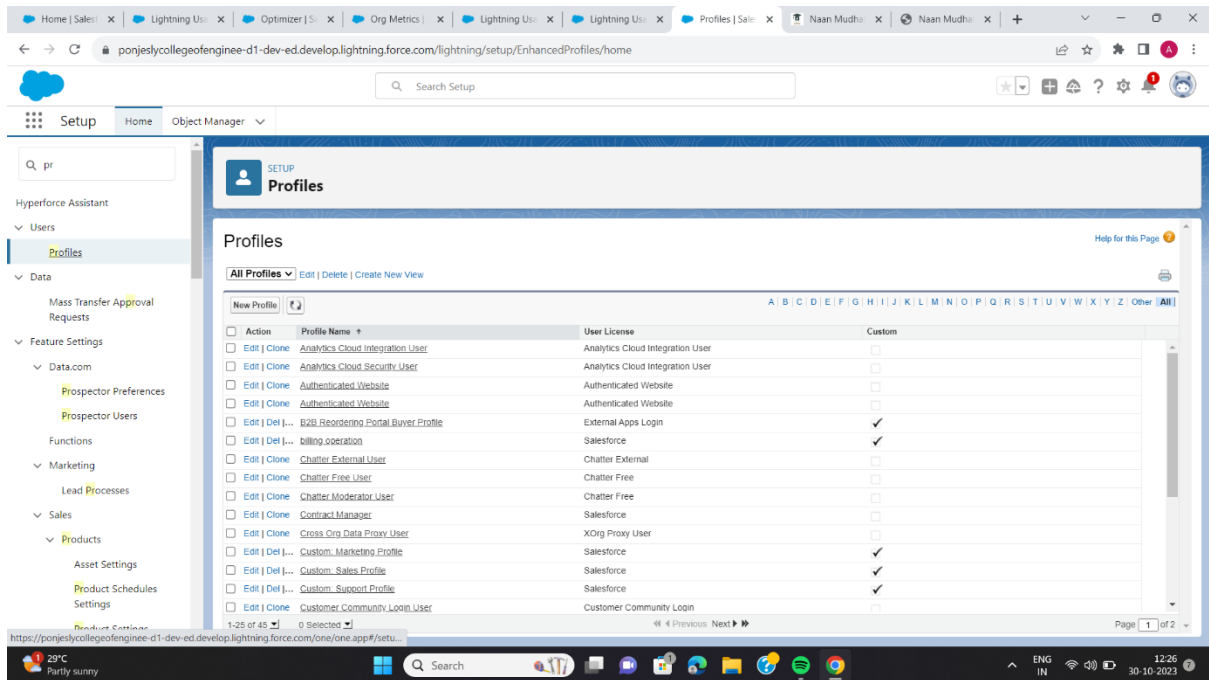
STEP 5 : Page Layout

The screenshot shows the Salesforce Setup interface for the 'consultants' object. The left sidebar contains navigation options: Details, Fields & Relationships, Page Layouts (selected), Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'consultants Layout' and includes a 'Quick Find' bar, a 'Fields' list, and a 'Layout Properties' table. The 'Fields' list includes: Buttons, Quick Actions, Mobile & Lightning Actions, Expanded Lookups, Related Lists, and Report Charts. The 'Layout Properties' table has columns for 'Field Name', 'Created By', 'Last Modified By', 'Customer Id', 'customer name', 'Owner', 'address', and 'email id'. Below the table, there are sections for 'consultants Sample', 'Highlights Panel', 'Quick Actions in the Salesforce Classic Publisher', and 'Salesforce Mobile and Lightning Experience Actions'.

STEP 6 : Creating A Role

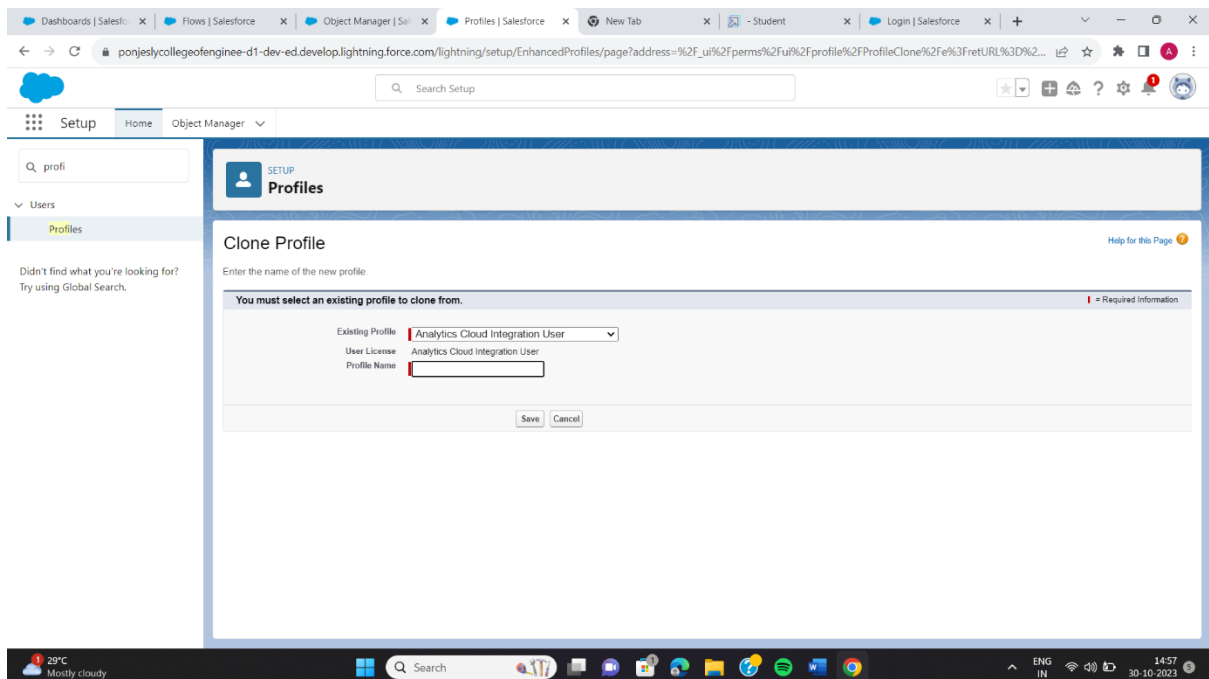
The screenshot shows the Salesforce Setup interface for the 'Roles' page. The left sidebar contains navigation options: Hyperforce Assistant, Users, Permission Set Groups, Profiles, Public Groups, Roles (selected), Duplicate Management, Duplicate Error Logs, Mass Transfer Approval Requests, Email, Send through External Email Services, Feature Settings, Chatter, Groups, and Group Layouts. The main content area is titled 'Understanding Roles' and includes a 'Sample Role Hierarchy' diagram. The diagram shows a hierarchy starting with 'Executive Staff' (CEO, President, CFO, VP Sales) at the top, branching into 'Western Sales Director', 'Eastern Sales Director', and 'International Sales Director'. Each director role further branches into specific sales representative roles (e.g., CA Sales Rep, NY Sales Rep, MA Sales Rep, OR Sales Rep, Asian Sales Rep, European Sales Rep). The diagram includes annotations for each role, such as 'View & edit data, roll up forecasts, & generate reports for all users below' and 'Can't access data of other Executive Staff'. A 'Set Up Roles' button is visible at the bottom right of the diagram.

STEP 7 : Create the Profile



The screenshot shows the Salesforce Setup interface with the 'Profiles' page selected. The left sidebar contains a navigation menu with 'Profiles' highlighted. The main content area displays a table of existing profiles. The table has columns for 'Action', 'Profile Name', 'User License', and 'Custom'. The 'Custom' column has checkboxes for various permissions. The table lists several profiles, including 'Analytics Cloud Integration User', 'Analytics Cloud Security User', 'Authenticated Website', 'Authenticated Website', 'B2B Reordering Portal Buyer Profile', 'billing operation', 'Chatter External User', 'Chatter Free User', 'Chatter Moderator User', 'Contract Manager', 'Cross Org Data Proxy User', 'Custom Marketing Profile', 'Custom Sales Profile', 'Custom Support Profile', and 'Customer Community Login User'. The 'Custom' column has checkboxes for 'Custom' and 'Salesforce'.

Action	Profile Name	User License	Custom
<input type="checkbox"/> Edit Clone	Analytics Cloud Integration User	Analytics Cloud Integration User	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Analytics Cloud Security User	Analytics Cloud Integration User	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Authenticated Website	Authenticated Website	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Authenticated Website	Authenticated Website	<input type="checkbox"/>
<input type="checkbox"/> Edit Del ...	B2B Reordering Portal Buyer Profile	External Apps Login	<input checked="" type="checkbox"/>
<input type="checkbox"/> Edit Del ...	billing operation	Salesforce	<input checked="" type="checkbox"/>
<input type="checkbox"/> Edit Clone	Chatter External User	Chatter External	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Chatter Free User	Chatter Free	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Chatter Moderator User	Chatter Free	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Contract Manager	Salesforce	<input type="checkbox"/>
<input type="checkbox"/> Edit Clone	Cross Org Data Proxy User	XOrg Proxy User	<input type="checkbox"/>
<input type="checkbox"/> Edit Del ...	Custom Marketing Profile	Salesforce	<input checked="" type="checkbox"/>
<input type="checkbox"/> Edit Del ...	Custom Sales Profile	Salesforce	<input checked="" type="checkbox"/>
<input type="checkbox"/> Edit Del ...	Custom Support Profile	Salesforce	<input checked="" type="checkbox"/>
<input type="checkbox"/> Edit Clone	Customer Community Login User	Customer Community Login	<input type="checkbox"/>



The screenshot shows the Salesforce Setup interface with the 'Clone Profile' page selected. The left sidebar contains a navigation menu with 'Profiles' highlighted. The main content area displays a form titled 'Clone Profile'. The form has a section 'You must select an existing profile to clone from.' with a dropdown menu for 'Existing Profile' and a text input for 'Profile Name'. The 'Existing Profile' dropdown is set to 'Analytics Cloud Integration User'. The 'Profile Name' input field is empty. There are 'Save' and 'Cancel' buttons at the bottom of the form.

Clone Profile

Enter the name of the new profile.

You must select an existing profile to clone from.

Existing Profile: Analytics Cloud Integration User

User License: Analytics Cloud Integration User

Profile Name:

Save Cancel

STEP 8 : Create the Users

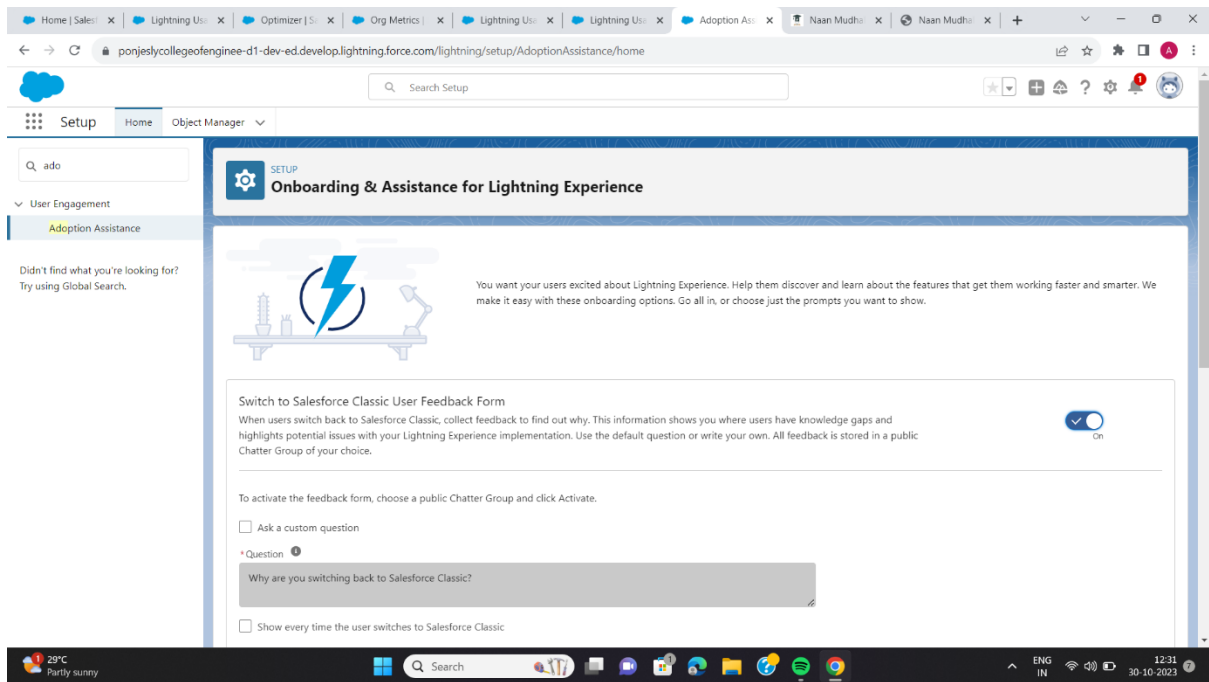
The screenshot shows the Salesforce Setup interface with the 'Users' section selected in the left sidebar. The main content area displays the 'All Users' page, which includes instructions on how to create, view, and manage users. Below the instructions, there is a table listing existing users. The table has columns for Action, Full Name, Alias, Username, Role, Active status, and Profile. Five users are listed: Chatter Expert, S. Anish, S. Anish, User Integration, and User Security. Each user has an 'Edit' link and a checkmark in the 'Active' column. The 'Profile' column lists the roles: Chatter Free User, System Administrator, store supervisor, Analytics Cloud Integration User, and Analytics Cloud Security User. At the bottom of the page, there is a Windows taskbar showing the date as 30-10-2023 and the time as 12:28.

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	Chatter Expert	Chatter	chatty-00d5y0000007roleav-vp@h4tbyz@chatter.salesforce.com		✓	Chatter Free User
Edit	S. Anish	AS	anish13422@nm.com		✓	System Administrator
Edit	S. Anish	AS	anish13422@nm.com	store head	✓	store supervisor
Edit	User Integration	integ	integration@00d5y0000007roleav.com		✓	Analytics Cloud Integration User
Edit	User Security	sec	insightsecurity@00d5y0000007roleav.com		✓	Analytics Cloud Security User

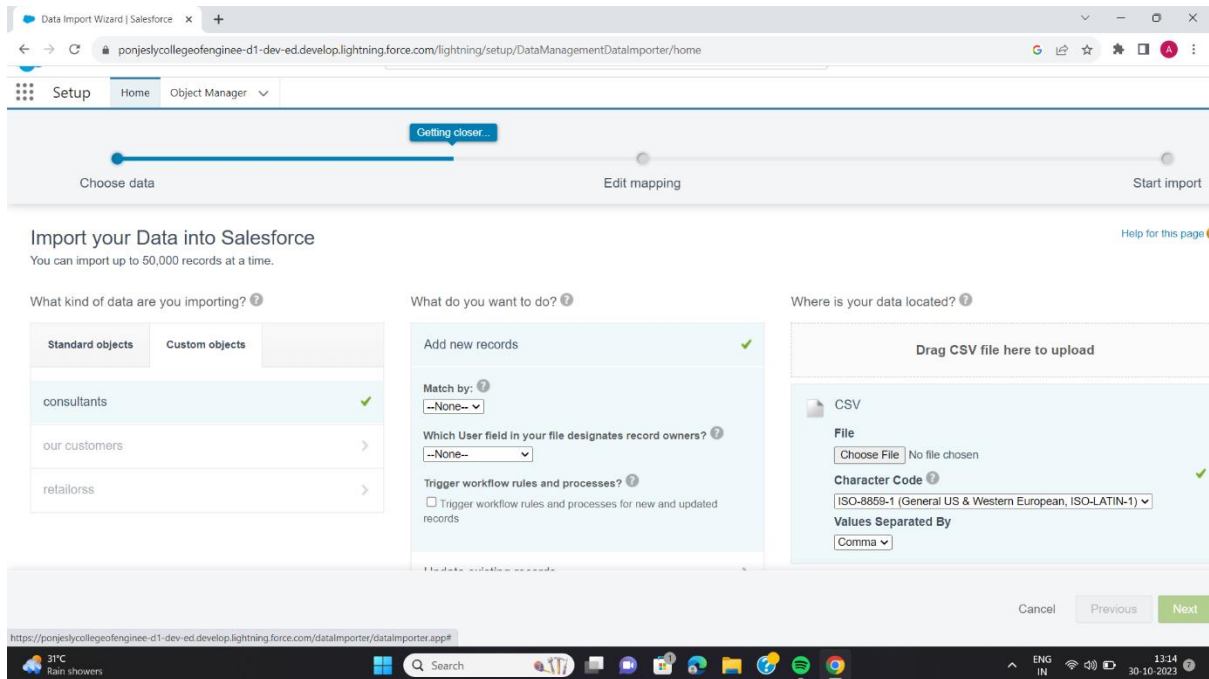
This screenshot is identical to the one above, showing the Salesforce Setup - Users page. It displays the 'All Users' section with a table of five users: Chatter Expert, S. Anish, S. Anish, User Integration, and User Security. The table includes columns for Action, Full Name, Alias, Username, Role, Active status, and Profile. The Windows taskbar at the bottom shows the date as 30-10-2023 and the time as 12:28.

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	Chatter Expert	Chatter	chatty-00d5y0000007roleav-vp@h4tbyz@chatter.salesforce.com		✓	Chatter Free User
Edit	S. Anish	AS	anish13422@nm.com		✓	System Administrator
Edit	S. Anish	AS	anish13422@nm.com	store head	✓	store supervisor
Edit	User Integration	integ	integration@00d5y0000007roleav.com		✓	Analytics Cloud Integration User
Edit	User Security	sec	insightsecurity@00d5y0000007roleav.com		✓	Analytics Cloud Security User

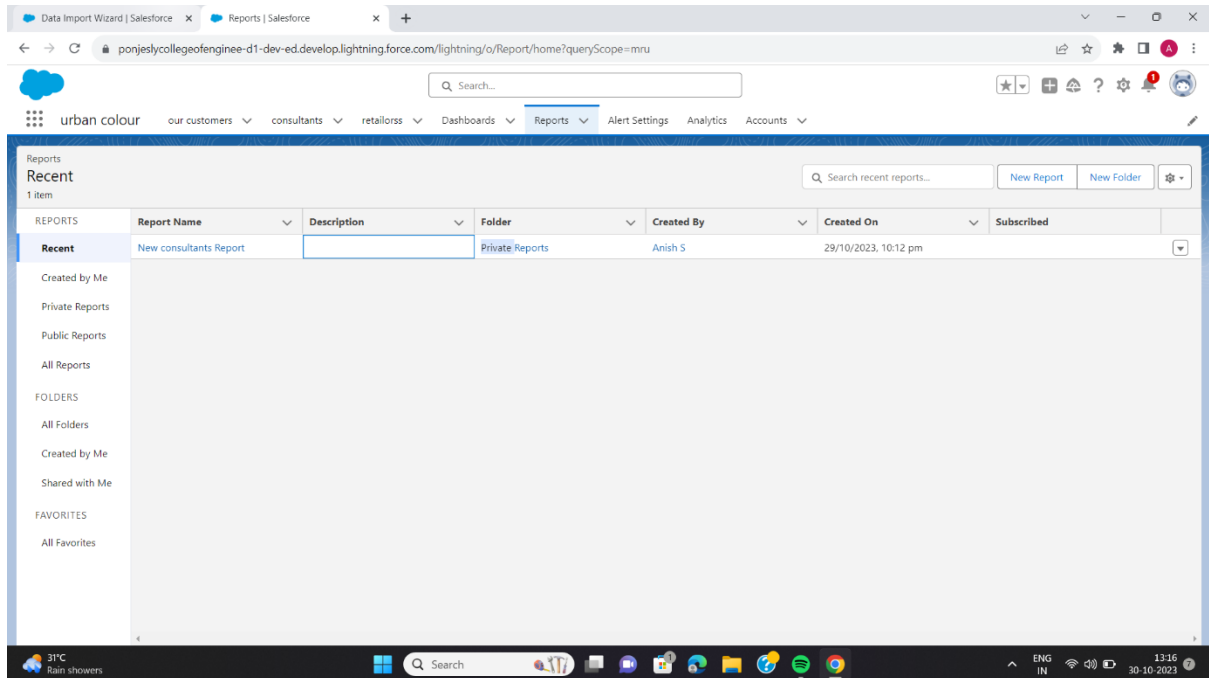
STEP 9 : Create User Adoption



STEP 10 : Data Import Wizard



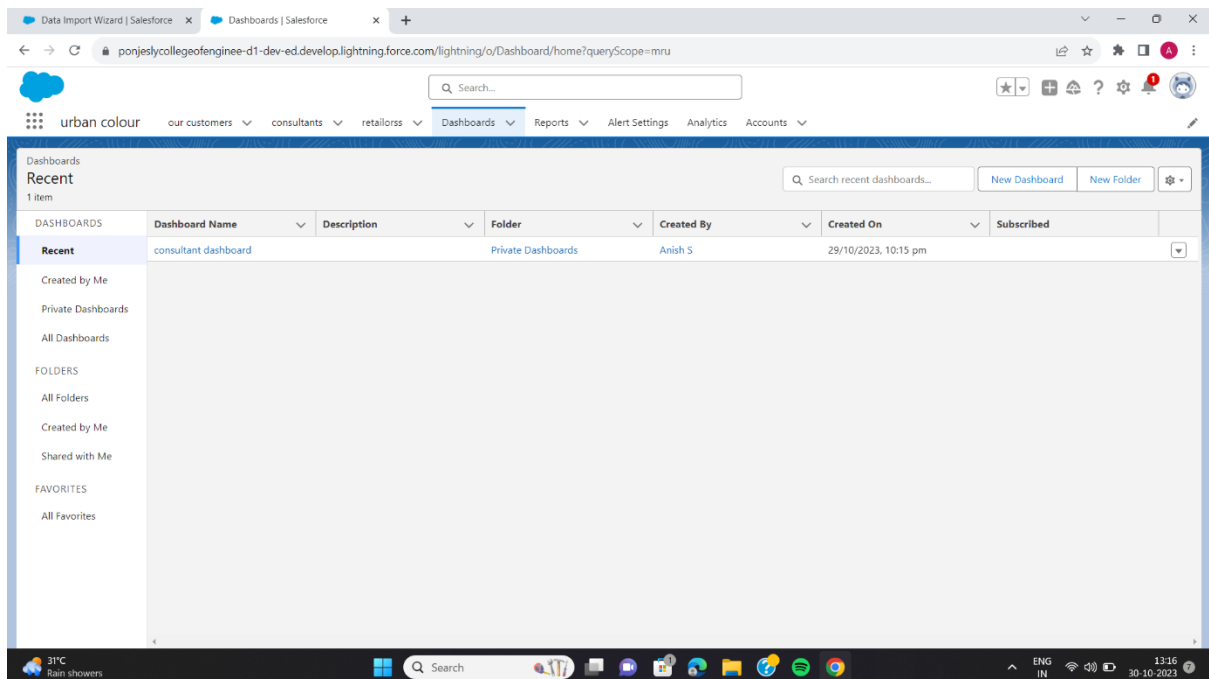
STEP 11 : Report In Salesforce



The screenshot shows the Salesforce Reports interface. The top navigation bar includes 'urban colour' and various menu items like 'our customers', 'consultants', 'retailors', 'Dashboards', 'Reports', 'Alert Settings', 'Analytics', and 'Accounts'. The 'Reports' menu is selected. The main content area displays a table of recent reports. The table has columns for 'Report Name', 'Description', 'Folder', 'Created By', 'Created On', and 'Subscribed'. A single report is listed: 'New consultants Report' in the 'Private Reports' folder, created by 'Anish S' on '29/10/2023, 10:12 pm'. The left sidebar shows a navigation menu with 'Recent', 'Created by Me', 'Private Reports', 'Public Reports', 'All Reports', 'FOLDERS', 'All Folders', 'Created by Me', 'Shared with Me', 'FAVORITES', and 'All Favorites'.

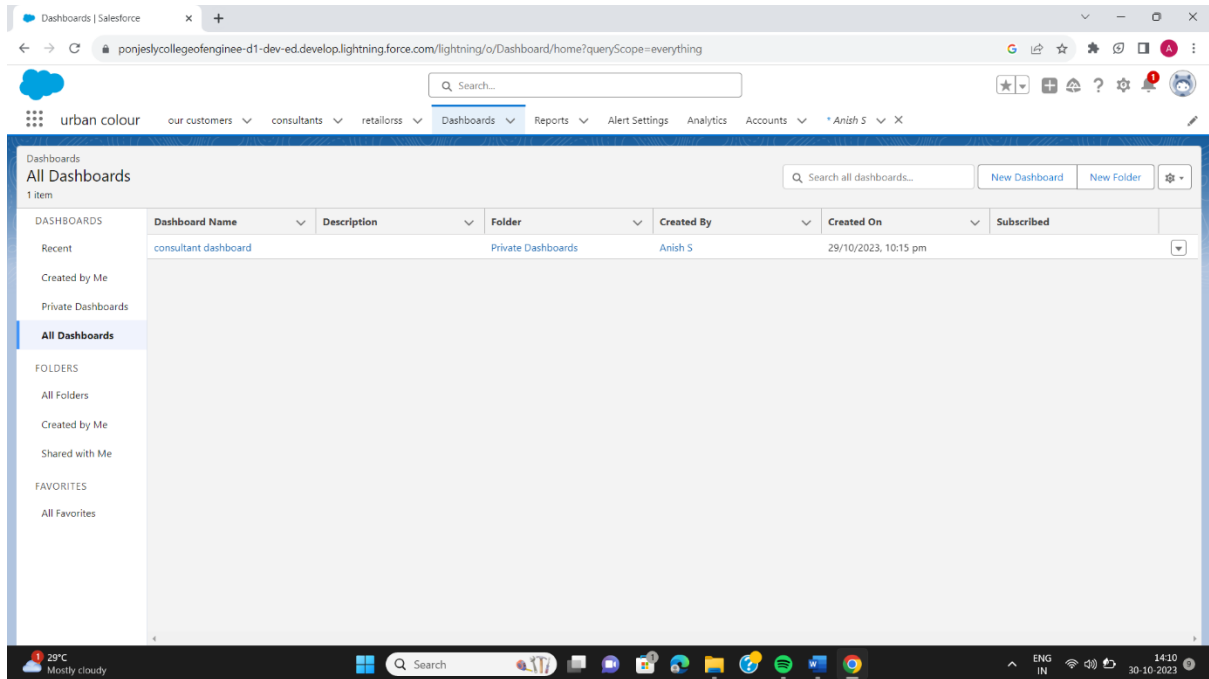
REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New consultants Report		Private Reports	Anish S	29/10/2023, 10:12 pm	

STEP 12 : Create Dashboard

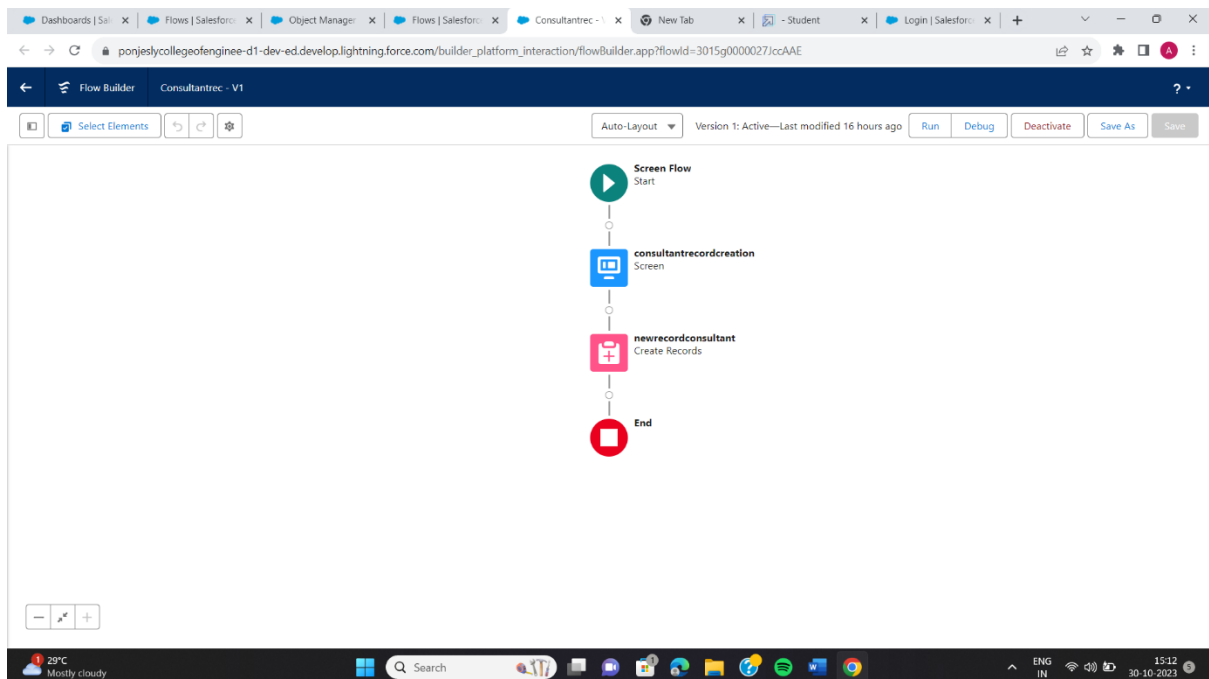


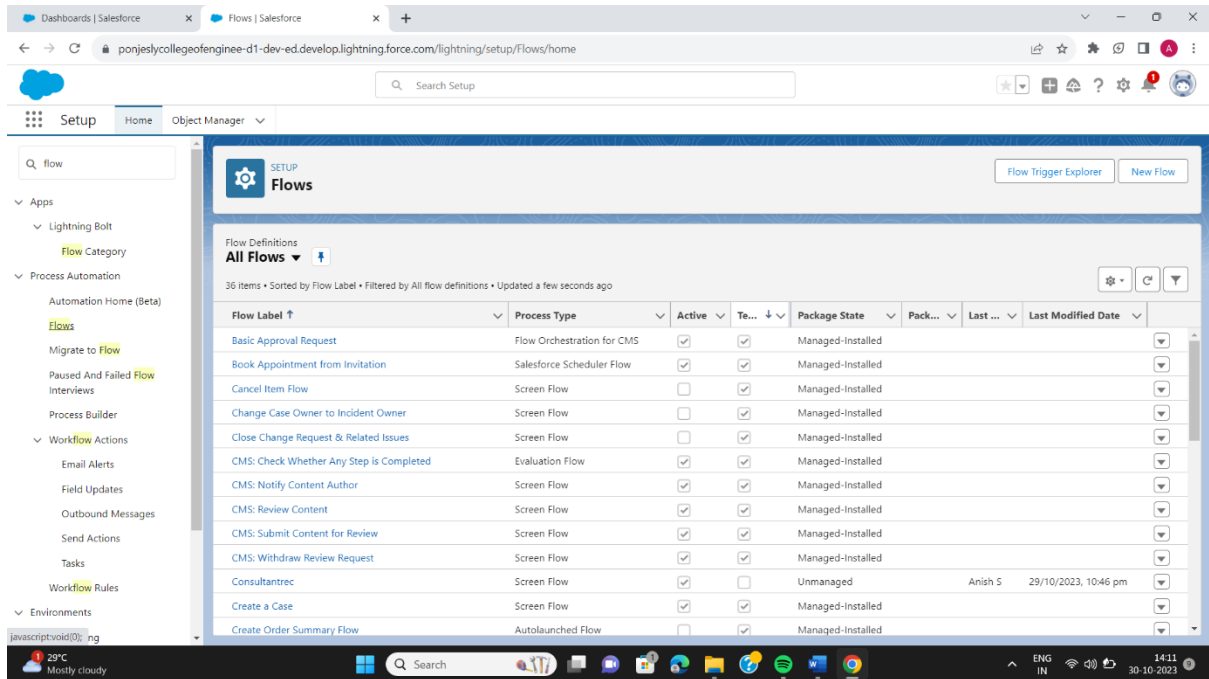
The screenshot shows the Salesforce Dashboards interface. The top navigation bar is similar to the previous screenshot, with 'Dashboards' selected in the menu. The main content area displays a table of recent dashboards. The table has columns for 'Dashboard Name', 'Description', 'Folder', 'Created By', 'Created On', and 'Subscribed'. A single dashboard is listed: 'consultant dashboard' in the 'Private Dashboards' folder, created by 'Anish S' on '29/10/2023, 10:15 pm'. The left sidebar shows a navigation menu with 'Recent', 'Created by Me', 'Private Dashboards', 'All Dashboards', 'FOLDERS', 'All Folders', 'Created by Me', 'Shared with Me', 'FAVORITES', and 'All Favorites'.

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	consultant dashboard		Private Dashboards	Anish S	29/10/2023, 10:15 pm	

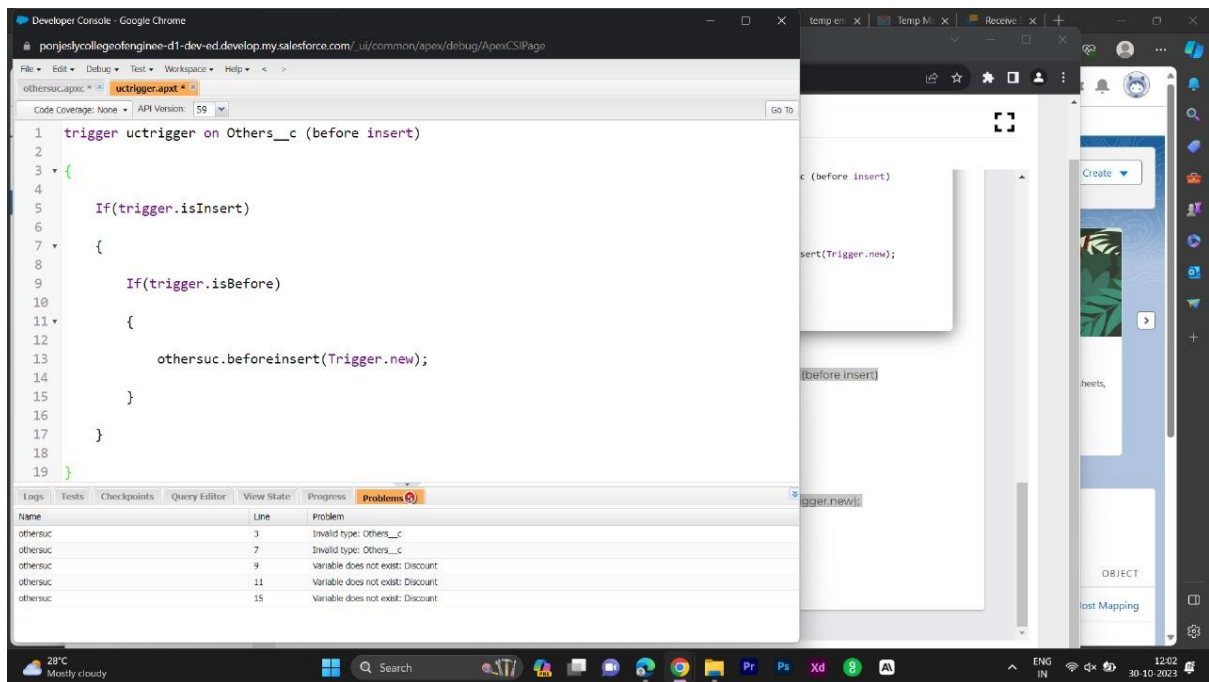


STEP 13 : Create a Flow





Step:14 : Create Triggers



Developer Console - Google Chrome

porjestycollegeofengineer-d1-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSPage

othersuc.apex | uc.trigger.apex

Code Coverage: None | API Version: 59

```
1 public class othersuc {
2
3     public static void beforeinsert(list<Others__c> newlist){
4
5
6
7         for(Others__c Discount : newlist){
8
9             if(Discount.Employee__c == 'Staff'){
10
11                 Discount.Coupon__c = '20%OFF';
12
13             }else{
14
15                 Discount.Coupon__c='No Offers';
16
17             }
18
19         }
20     }
21 }
```

Logs | Tests | Checkpoints | Query Editor | View State | Progress | Problems (5)

Name	Line	Problem
othersuc	3	Invalid type: Others__c
othersuc	7	Invalid type: Others__c
othersuc	9	Variable does not exist: Discount
othersuc	11	Variable does not exist: Discount
othersuc	15	Variable does not exist: Discount

28°C Mostly cloudy

Search

ENG IN 12:02 30-10-2023

temp en x Temp M x Receive x

uc.trigger.apex

(before insert)

sert(Trigger.new);

(before insert)

gger.new;

Create

OBJECT

lost Mapping