

NAAN MUDHALVAN
SALESFORCE DEVELOPER PROJECT REPORT

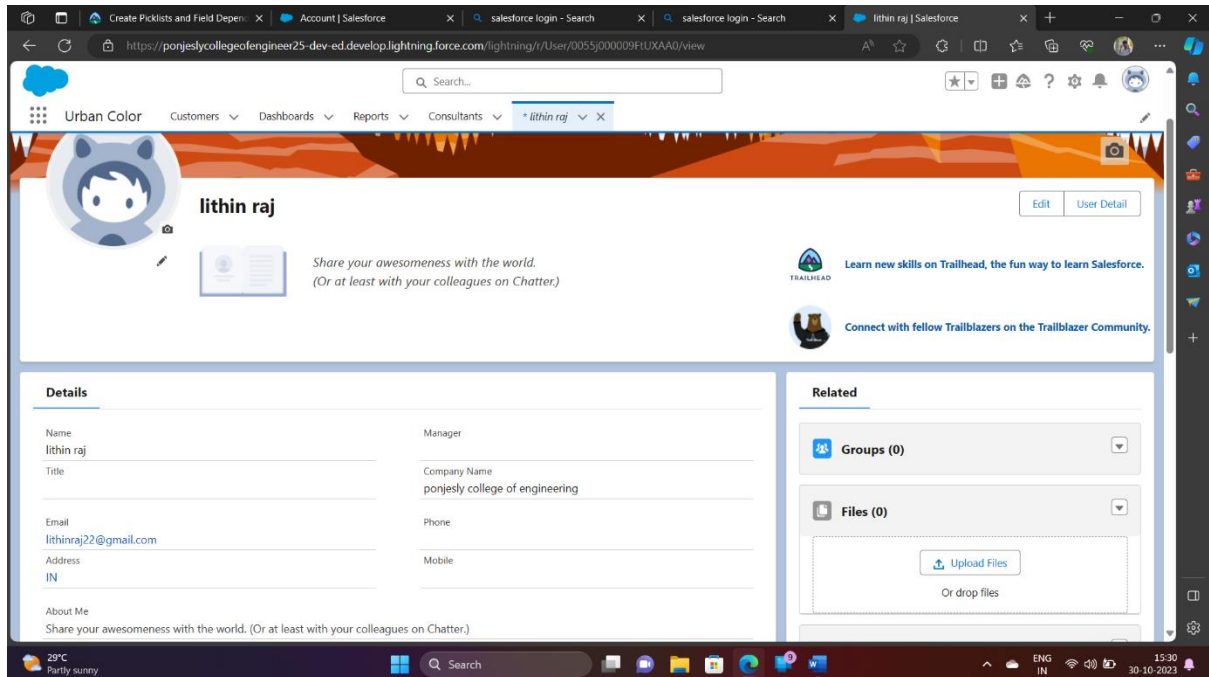
PROJECT TITLE: COSMETICS STORE MANAGEMENT

COLLEGE: PONJESLY COLLEGE OF ENGINEERING.

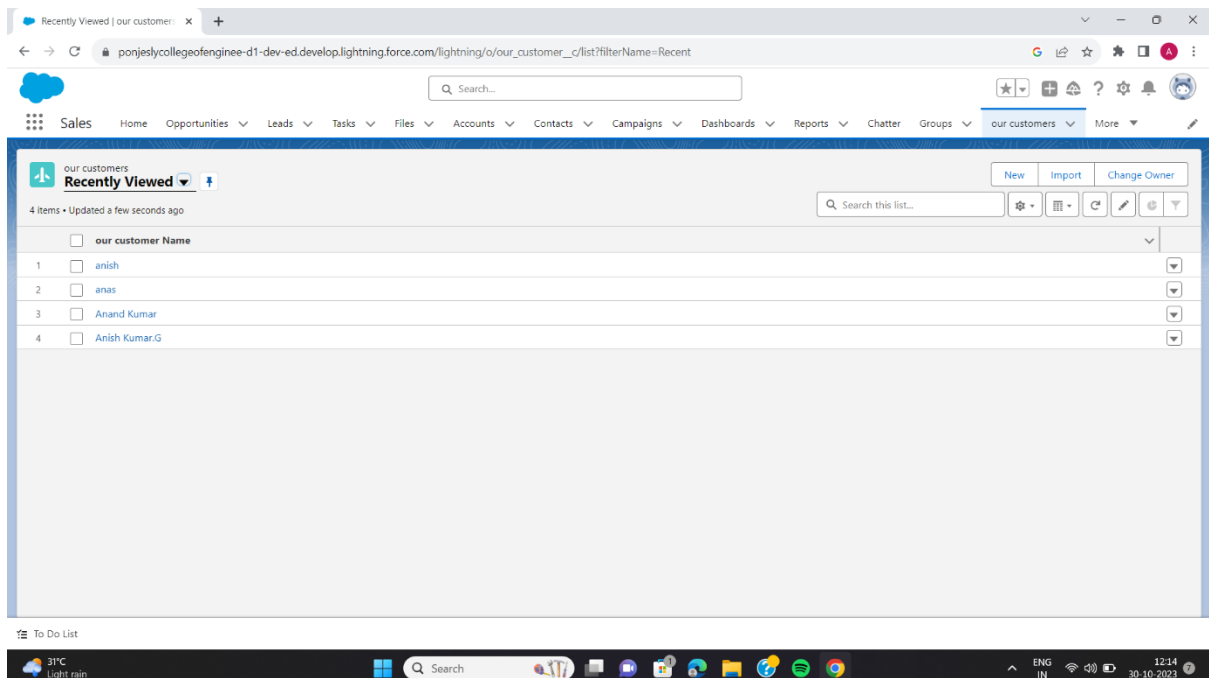
BATCH – 12

NAME	NM ID	REG NO
LITHIN RAJ.S	1FDD5A4AAF14582A38D4036786479DF2	961820114047

STEP 1 : Create a Salesforce Account



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



Recently Viewed | consultants | x

ponjeslycollegeofenginee-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...

New Import Change Owner

	<input type="checkbox"/> 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 | retailors | Sai | x

ponjeslycollegeofenginee-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 retailors More

retailors Recently Viewed

4 items • Updated a few seconds ago

Search this list...

New Import Change Owner

	<input type="checkbox"/> retailors 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

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 fields for the 'our customer' object. 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)		

The screenshot shows the Salesforce Setup interface for the 'retailers' 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 fields for the 'retailers' object. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are Created By, customer_id, customer name, email id, Last Modified By, mobile number, Owner, and retailers Name.

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)		✓

Home | Salesforce | our customer | Salesforce | +

ponjeslycollegeofengineer-d1-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/015g000004Xf09/FieldsAndRelationships/view

Search Setup

Setup | Home | Object Manager

SETUP > OBJECT MANAGER
our customer

Details

Fields & Relationships
8 Items, Sorted by Field Label

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 | Search | ENG IN | 12:18 30-10-2023

STEP 4 : Create The Lightning App

Home | Salesforce | Lightning Usage | Salesforce | Optimizer | Salesforce | Org Metrics | Salesforce | Lightning Usage | Salesforce | Lightning Usage | Salesforce | +

ponjeslycollegeofengineer-d1-dev-ed.develop.lightning.force.com/lightning/page/usage?lua_tab=Active%20Licenses

Search...

Salesforce Optimizer | Org Metrics | Lightning Usage

ACTIVITY

- Lightning Experience
- Salesforce Mobile

USAGE

- Switches To Classic
- Browser
- Page
- Active Licenses**

SECURITY

- Login Metrics

Lightning Usage
Active Licenses

Usage

User Licenses by Profile
Up to Last 30 Days

Salesforce

0 0.05 0.1 0.15 0.2 0.25 0.3 0.35 0.4 0.45 0.5 0.55 0.6 0.65 0.7 0.75 0.8 0.85 0.9 0.95 1

Total

Contract Manager

Custom: Marketing Profile

Custom: Sales Profile

Custom: Support Profile

Marketing User

Minimum Access - Salesforce

Read Only

Solution Manager

Standard User

System Administrator

Assigned Licenses Active Licenses

1

29°C Partly sunny | Search | ENG IN | 12:24 30-10-2023

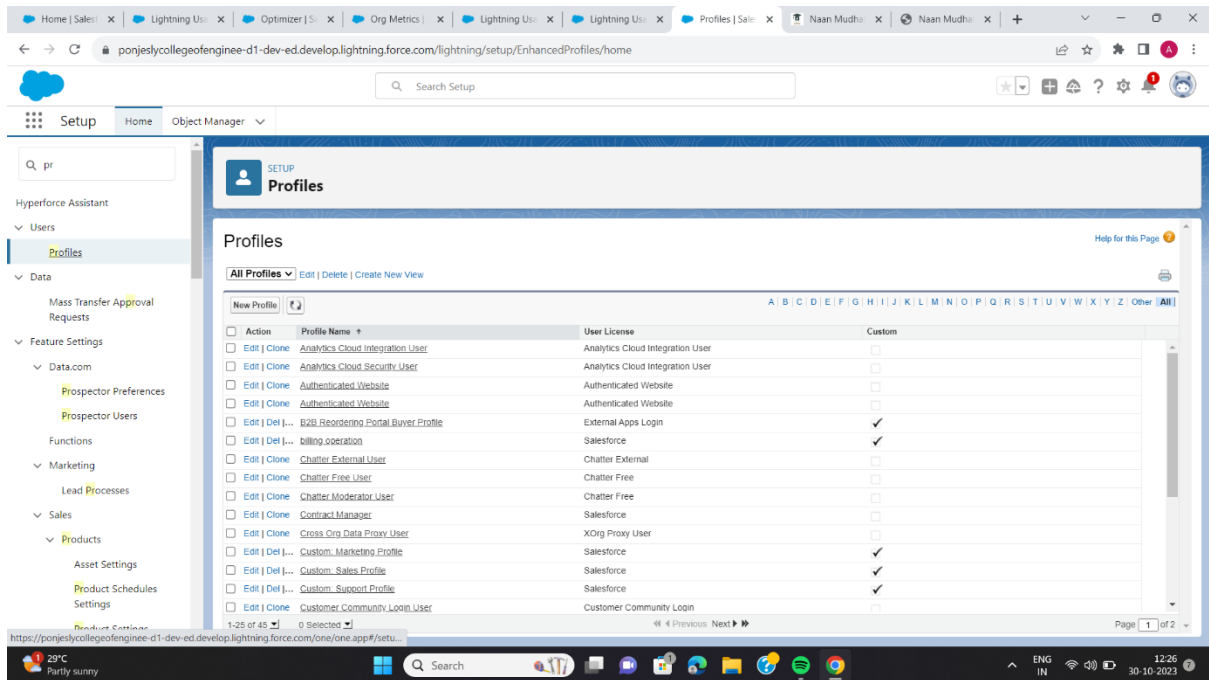
STEP 5 : Page Layout

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' panel. The 'Fields' list includes: Section, Blank Space, Created By, Last Modified By, Customer Id, mobile number, Owner, address, customer name, consultants Name, and email id. The 'Layout Properties' panel shows the 'consultants Sample' layout with sections for 'Highlights Panel', 'Quick Actions in the Salesforce Classic Publisher', and 'Salesforce Mobile and Lightning Experience Actions'. The bottom of the screen shows a Windows taskbar with a search bar and various application icons.

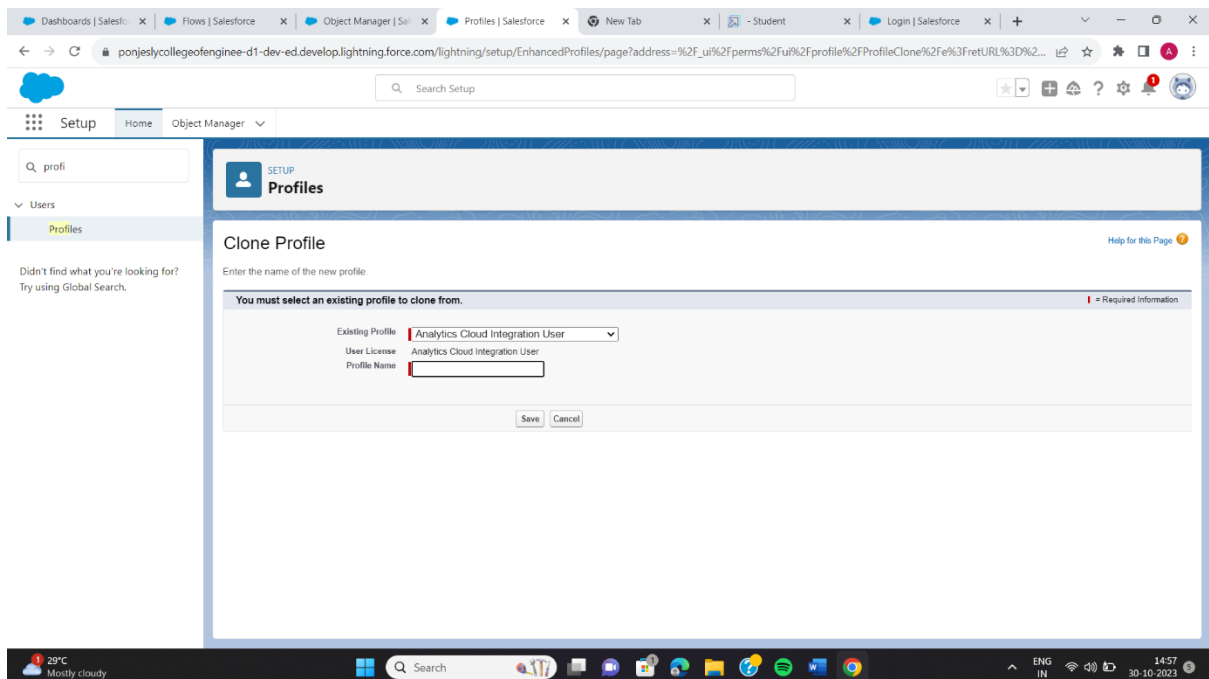
STEP 6 : Creating A Role

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' section. The hierarchy is based on 'Territory-based Sample' and shows a tree structure starting with 'Executive Staff' (CEO, President, CFO, VP Sales) branching into 'Western Sales Director', 'Eastern Sales Director', and 'International Sales Director'. Each director role branches into 'Sales Rep' roles (e.g., CA Sales Rep, NY Sales Rep, MA Sales Rep, OR Sales Rep, Asian Sales Rep, European Sales Rep). The right side of the page contains a 'Set Up Roles' button and a checkbox for 'Don't show this page again'. The bottom of the screen shows a Windows taskbar with a search bar and various application icons.

STEP 7 : Create the Profile



The screenshot shows the Salesforce Setup interface with the 'Profiles' page selected. The left sidebar contains navigation options like 'Users', 'Data', 'Feature Settings', 'Marketing', 'Sales', and 'Products'. The main content area displays a table of profiles with columns for 'Action', 'Profile Name', 'User License', and 'Custom'. The table lists various profiles such as 'Analytics Cloud Integration User', 'Analytics Cloud Security User', '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 each profile, with some already checked (e.g., 'External Apps Login', 'Salesforce', 'Salesforce', 'Salesforce', 'Customer Community Login').



The screenshot shows the 'Clone Profile' page in the Salesforce Setup interface. The page prompts the user to 'Enter the name of the new profile.' Below this, a message states 'You must select an existing profile to clone from.' A dropdown menu is shown with 'Analytics Cloud Integration User' selected. Below the dropdown, the 'User License' is listed as 'Analytics Cloud Integration User' and the 'Profile Name' is shown as an empty text box. At the bottom, there are 'Save' and 'Cancel' buttons.

STEP 8 : Create the Users

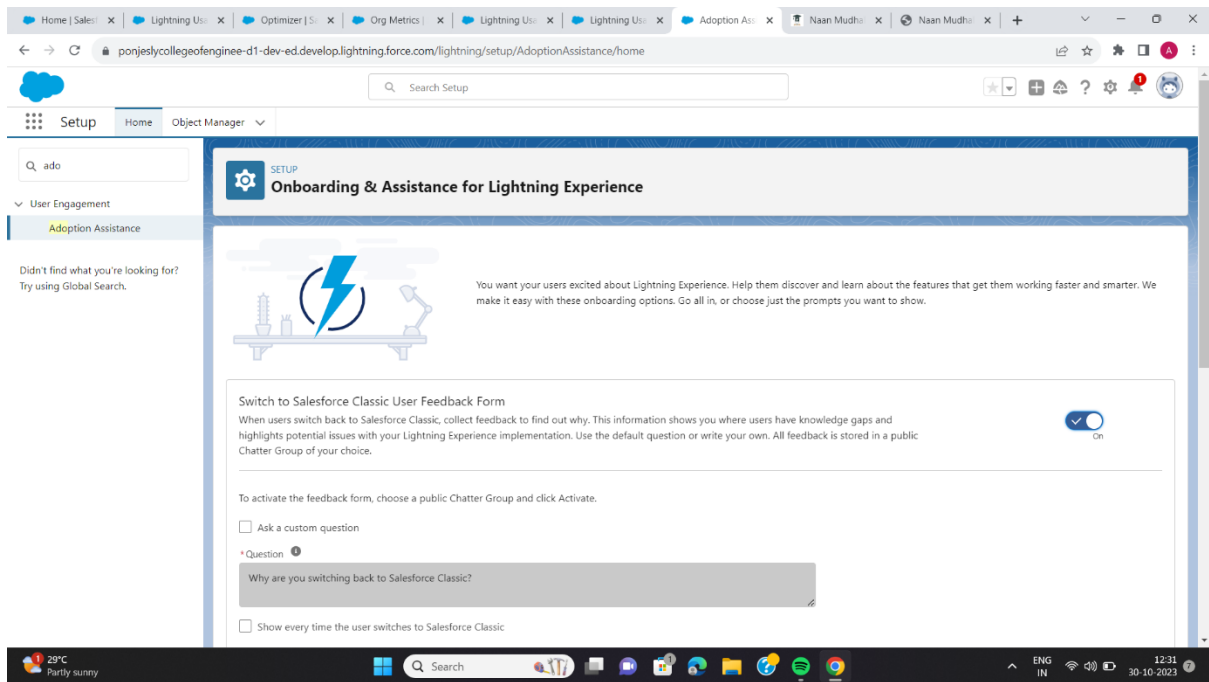
The screenshot shows the Salesforce Setup interface with the 'Users' section selected in the left sidebar. The main content area displays the 'All Users' page, which includes instructions on how to create, view, and manage users. Below the instructions, there is a table listing existing users. The table 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-vzlj8h4bzv@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

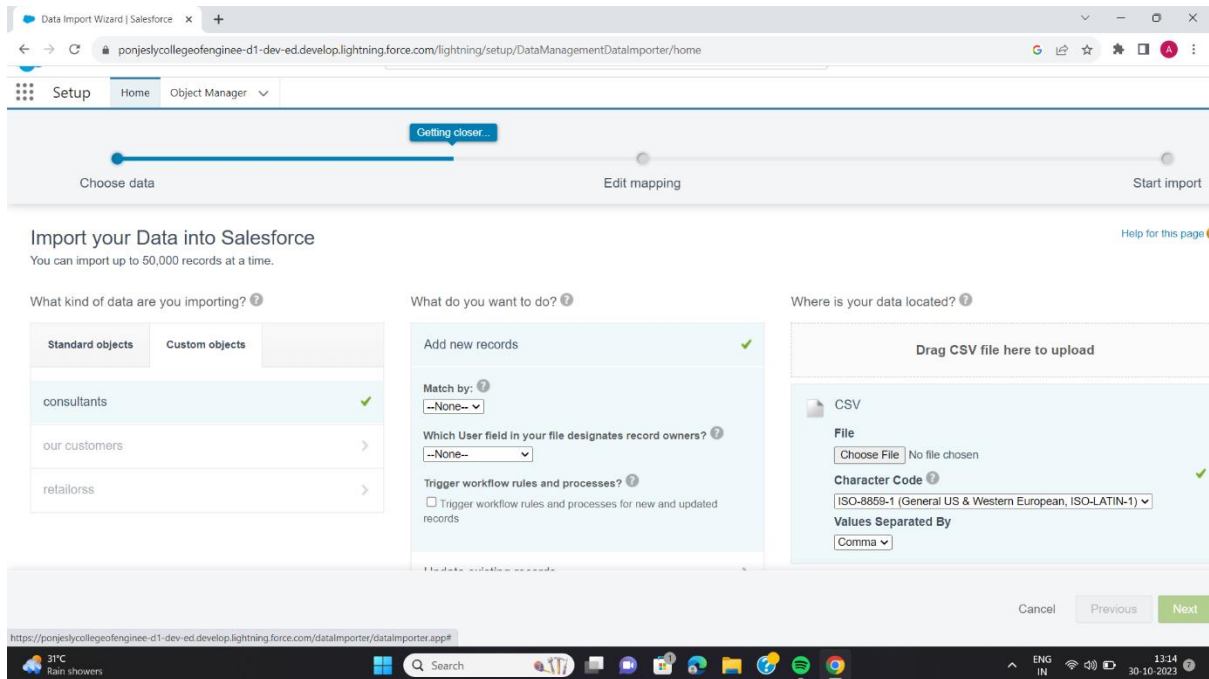
This screenshot is identical to the one above, showing the Salesforce Setup - Users page. It displays the 'All Users' section with a table of five users: Chatter Expert, S. Anish, S. Anish, User Integration, and User Security. The interface includes a left sidebar with navigation options, a top search bar, and a Windows taskbar at the bottom indicating the date 30-10-2023 and time 12:28.

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	Chatter Expert	Chatter	chatty-00d5y0000007roleav-vzlj8h4bzv@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

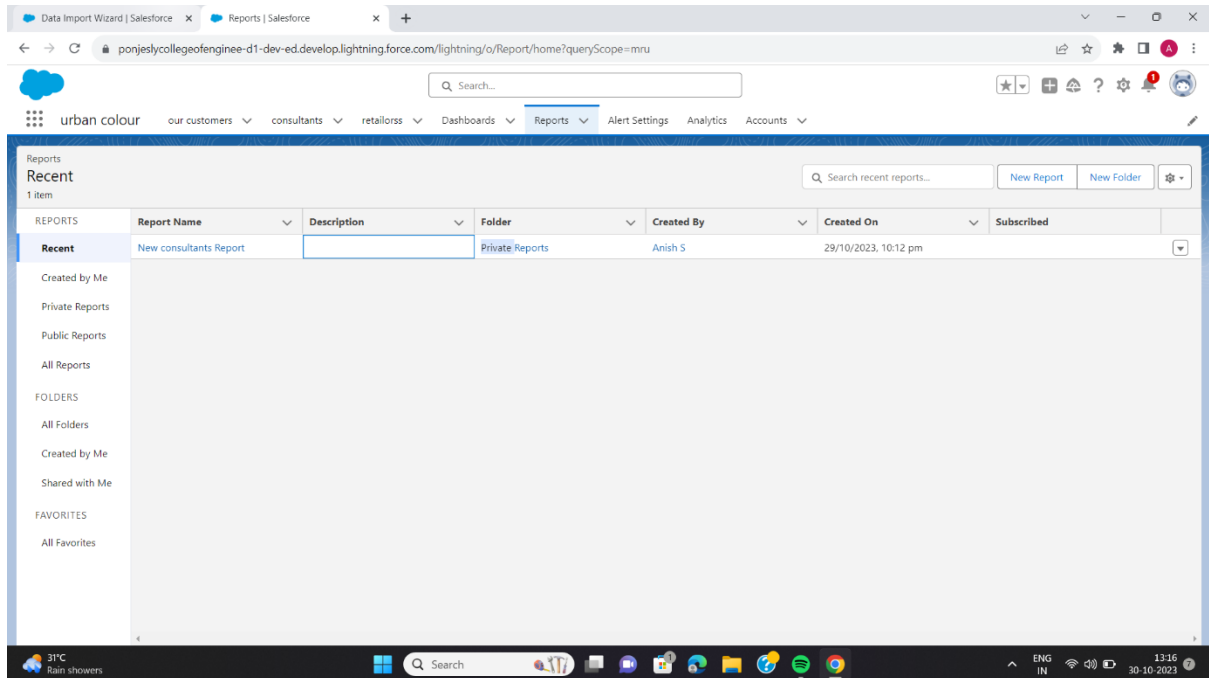
STEP 9 : Create User Adoption



STEP 10 : Data Import Wizard



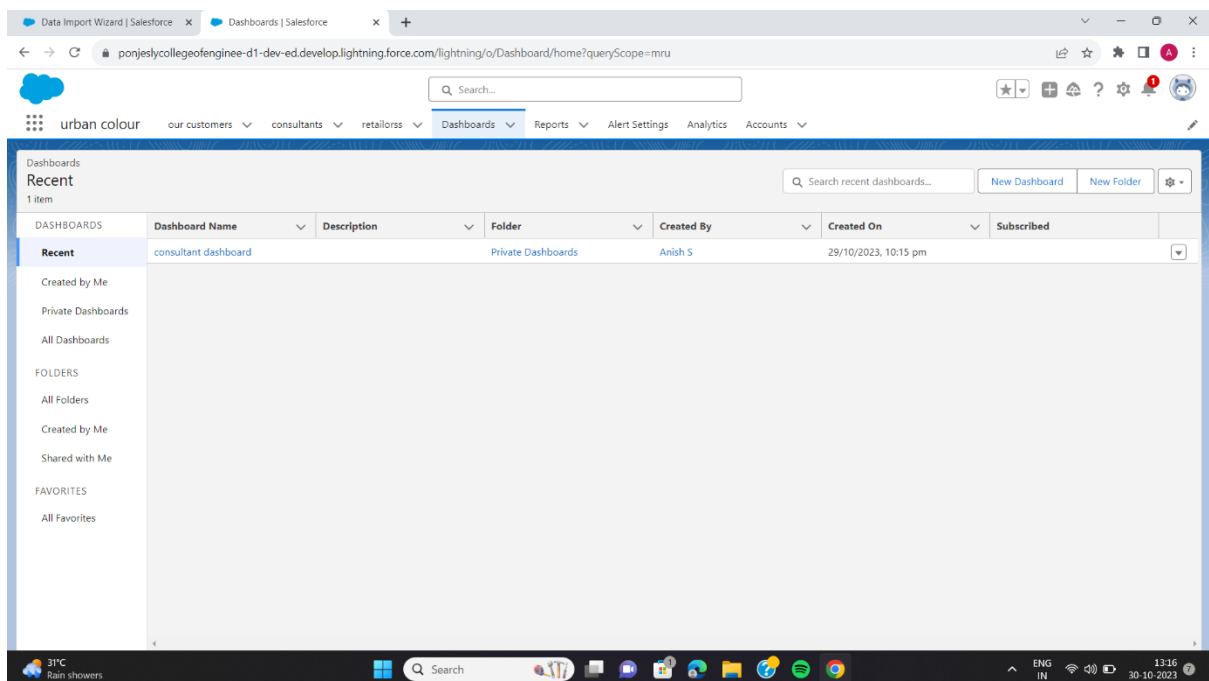
STEP 11 : Report In Salesforce



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'. The bottom status bar shows the weather as '31°C Rain showers' and the time as '13:16 30-10-2023'.

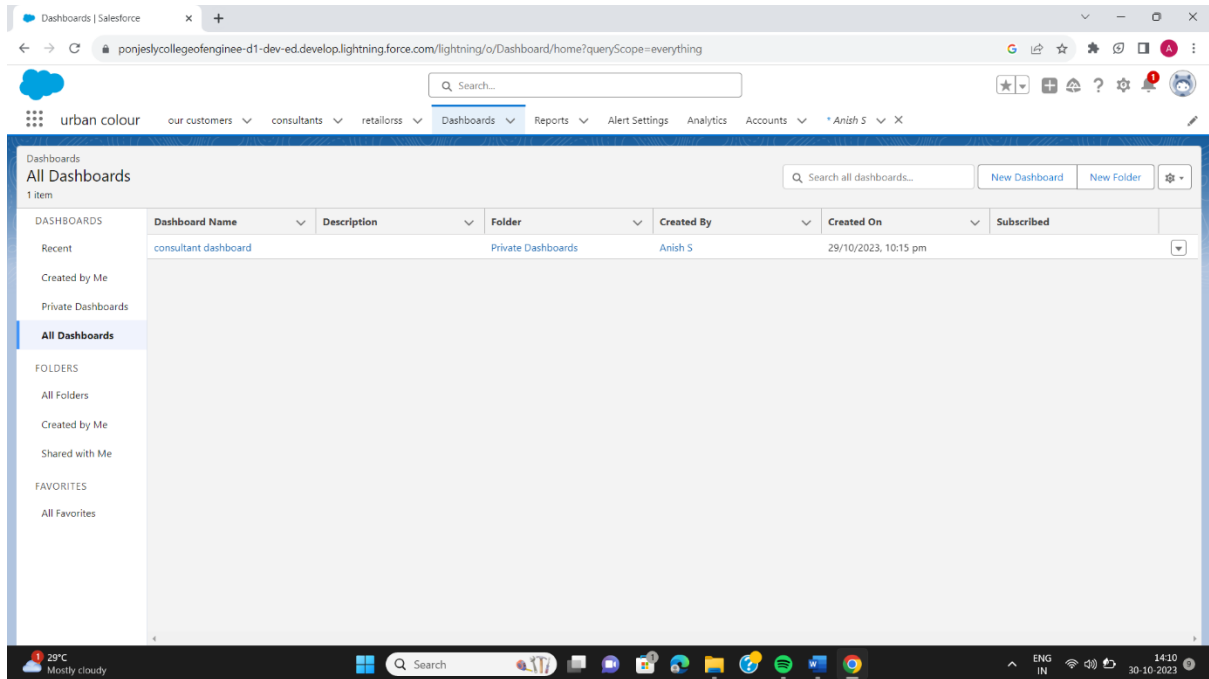
REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New consultants Report		Private Reports	Anish S	29/10/2023, 10:12 pm	

STEP 12 : Create Dashboard

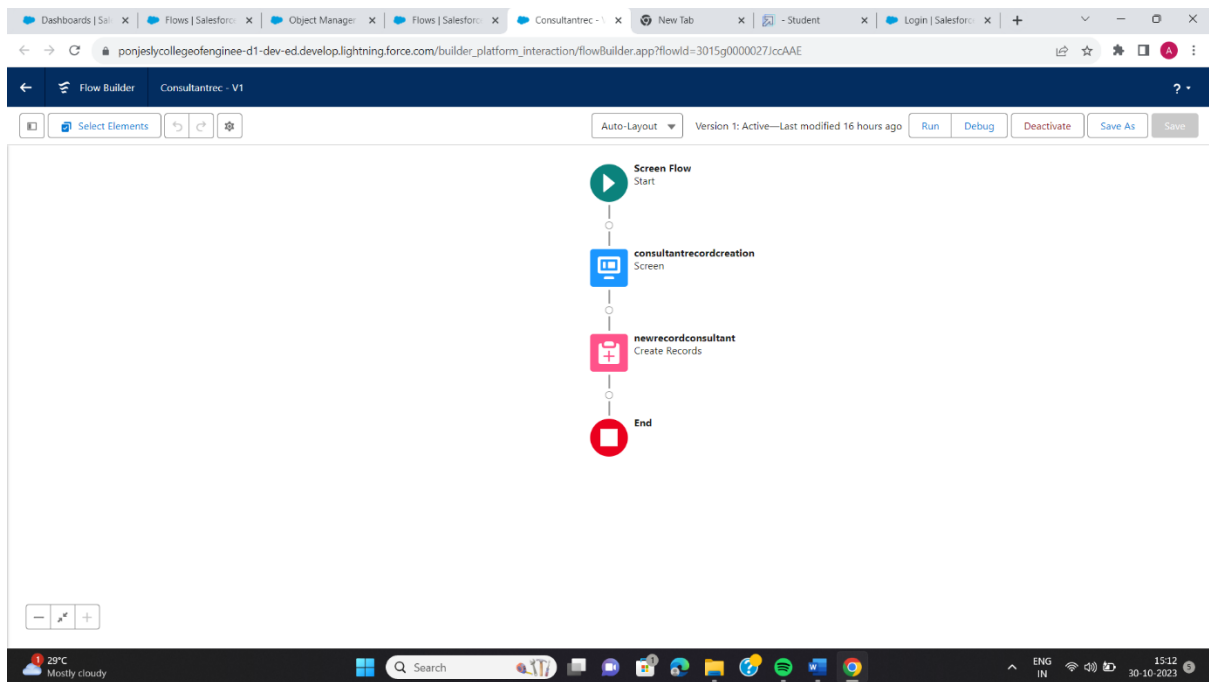


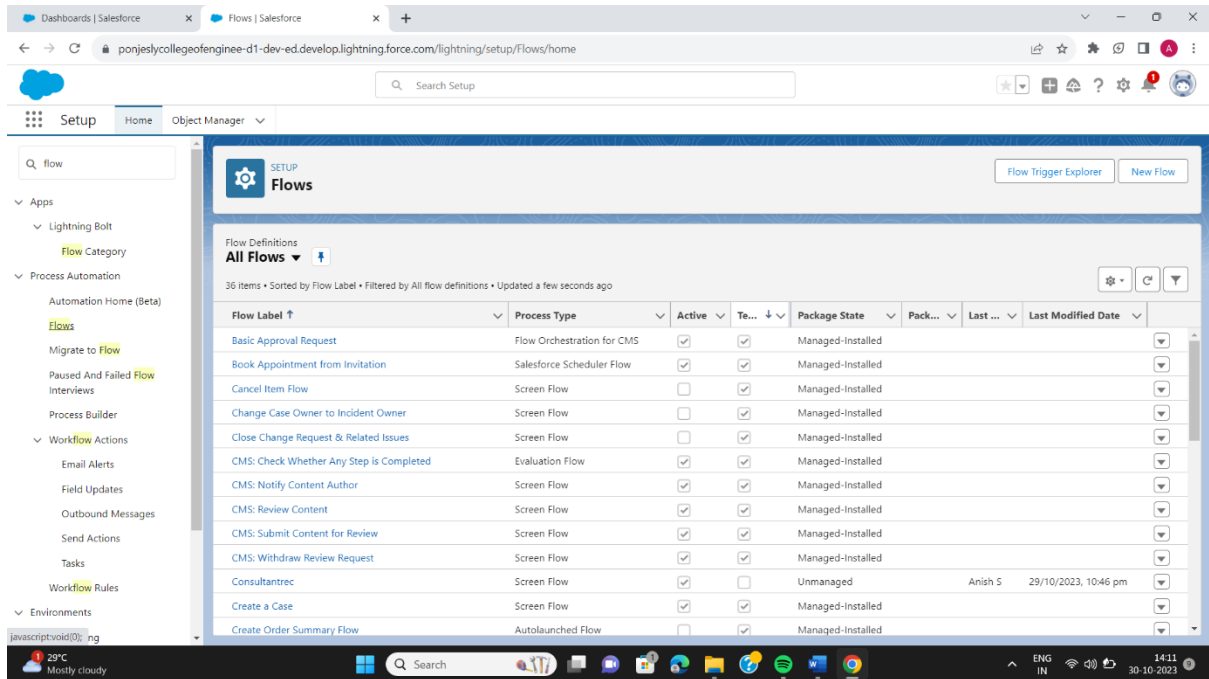
The screenshot shows the Salesforce Dashboards interface. The top navigation bar is similar to the previous screenshot, with 'Dashboards' selected in the menu. The main content area displays a table of recent dashboards. The table has columns for 'Dashboard Name', 'Description', 'Folder', 'Created By', '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'. The bottom status bar shows the weather as '31°C Rain showers' and the time as '13:16 30-10-2023'.

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

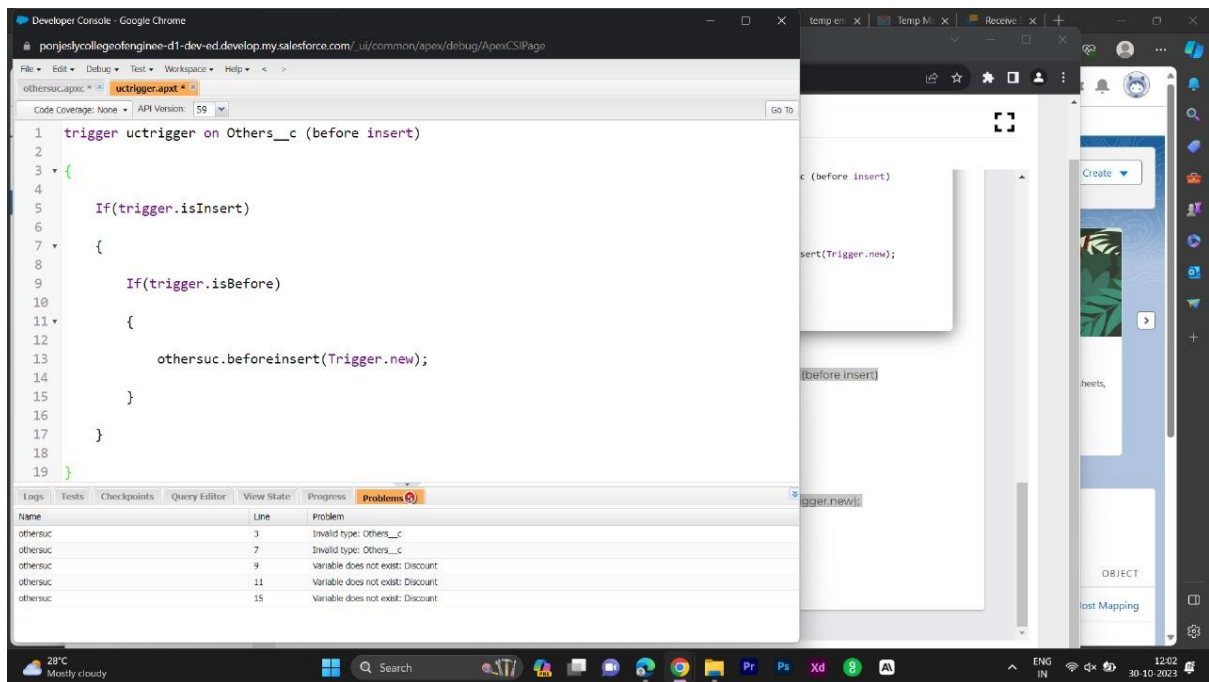


STEP 13 : Create a Flow





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 (before insert)

sert(Trigger.new);

(before insert)

gger.new;

Create

OBJECT

lost Mapping