

NAAN MUDHALVAN
SALESFORCE DEVELOPER PROJECT REPORT

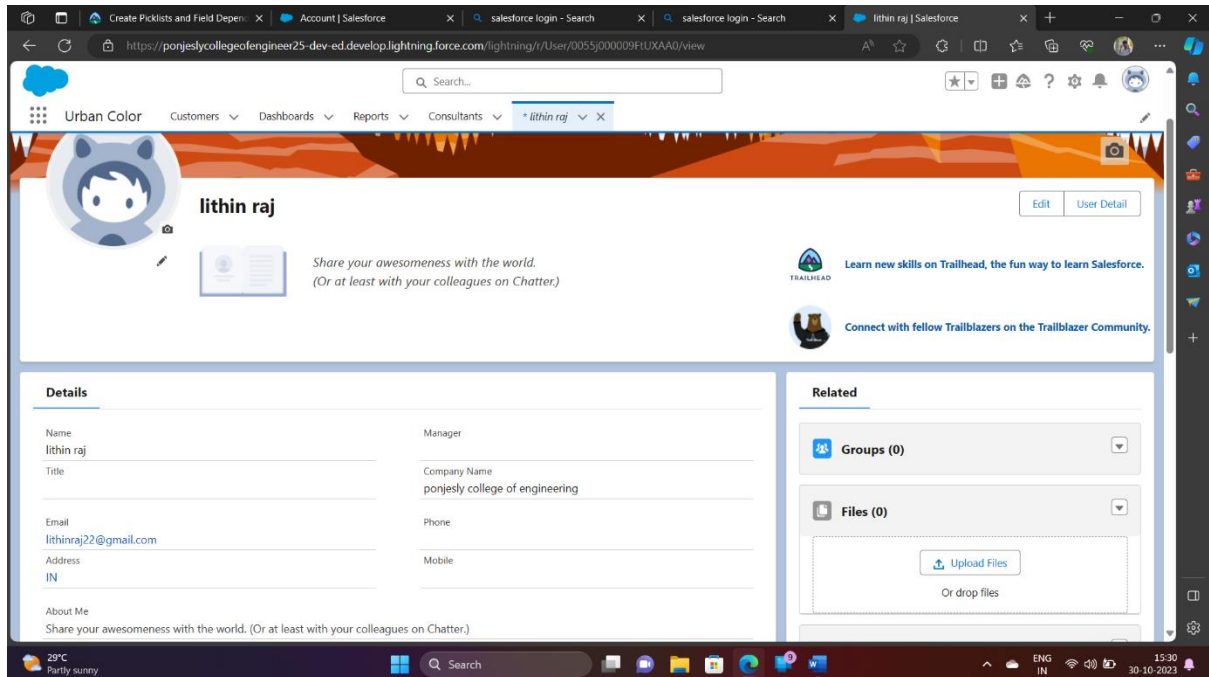
PROJECT TITLE: COSMETICS STORE MANAGEMENT

COLLEGE: PONJESLY COLLEGE OF ENGINEERING.

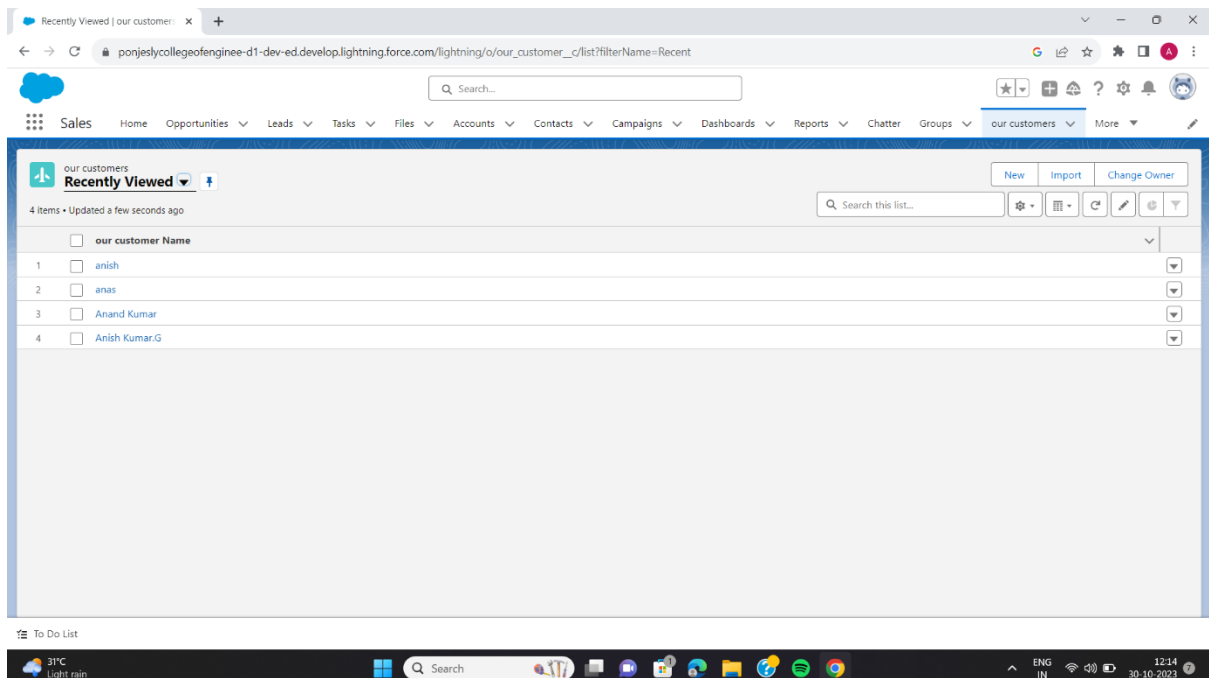
BATCH – 12

NAME	NM ID	REG NO
LITHIN RAJ.S	1FDD5A4AAF14582A38D4036786479DF2	961820114047
NAVEEN.V	B905F4DE158469AB80F4DD3B70EC74DF	961820114051
RIJO MON.R	82C9CD526F0548697D1429D4AD183105	961820114058
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

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 retailorss More

retailorss Recently Viewed

4 items • Updated a few seconds ago

Search this list...

New Import Change Owner

	<input type="checkbox"/> 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

The screenshot shows the Salesforce Setup interface for the 'our customer' object. The left sidebar lists various setup options, with 'Fields & Relationships' selected. The main content area displays a table of fields for this object, sorted by field label. The table includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status. 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 lists various setup options, with 'Fields & Relationships' selected. The main content area displays a table of fields for this object, sorted by field label. The table includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status. 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

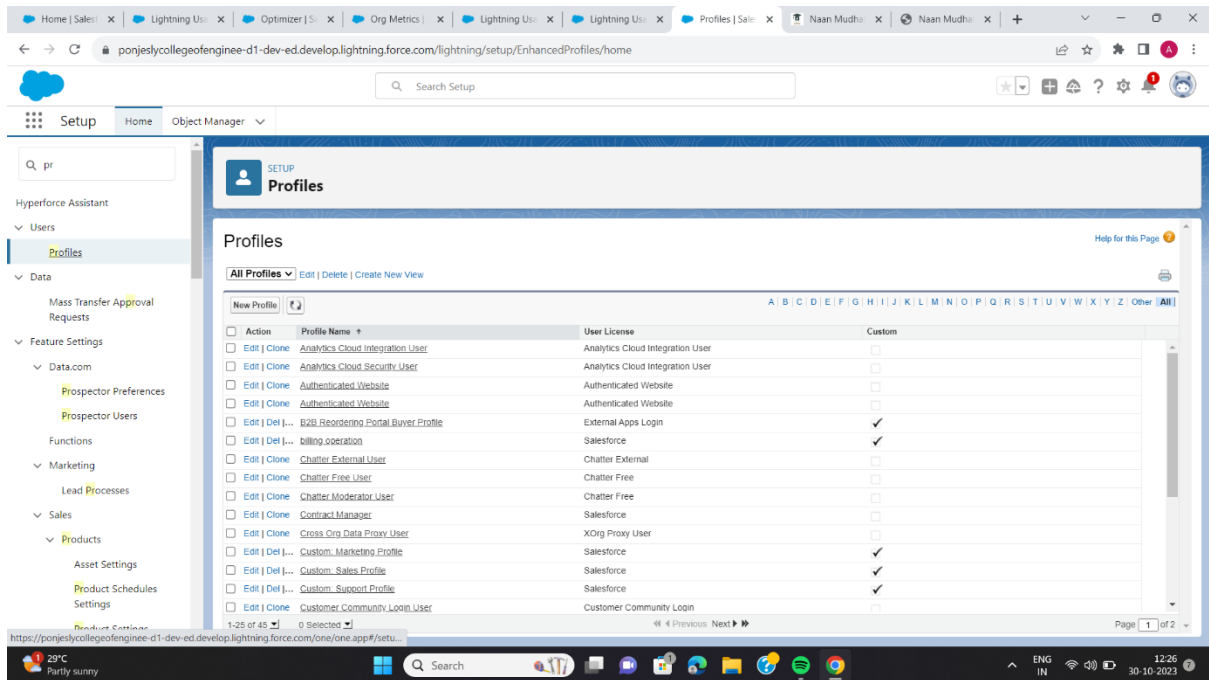
STEP 5 : Page Layout

The screenshot shows the Salesforce Setup interface for the 'consultants' object. The left sidebar lists various setup options, with 'Page Layouts' selected. The main area displays the 'consultants Layout' configuration. At the top, there are tabs for 'Save', 'Quick Save', 'Preview As...', 'Cancel', 'Undo', 'Redo', and 'Layout Properties'. Below these, a 'Fields' section lists available fields: Buttons, Quick Actions, Mobile & Lightning Actions, Expanded Lookups, Related Lists, and Report Charts. A 'Quick Find' field is present. 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 configuration area shows a 'consultants Sample' section with a 'Highlights Panel' and 'Quick Actions in the Salesforce Classic Publisher'. The 'Highlights Panel' section has a text input field for customization. The 'Quick Actions' section contains text explaining that actions are inherited from the global publisher layout and can be overridden. The 'Salesforce Mobile and Lightning Experience Actions' section also contains text explaining that actions are predefined by Salesforce and can be overridden. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with weather, search, and time information.

STEP 6 : Creating A Role

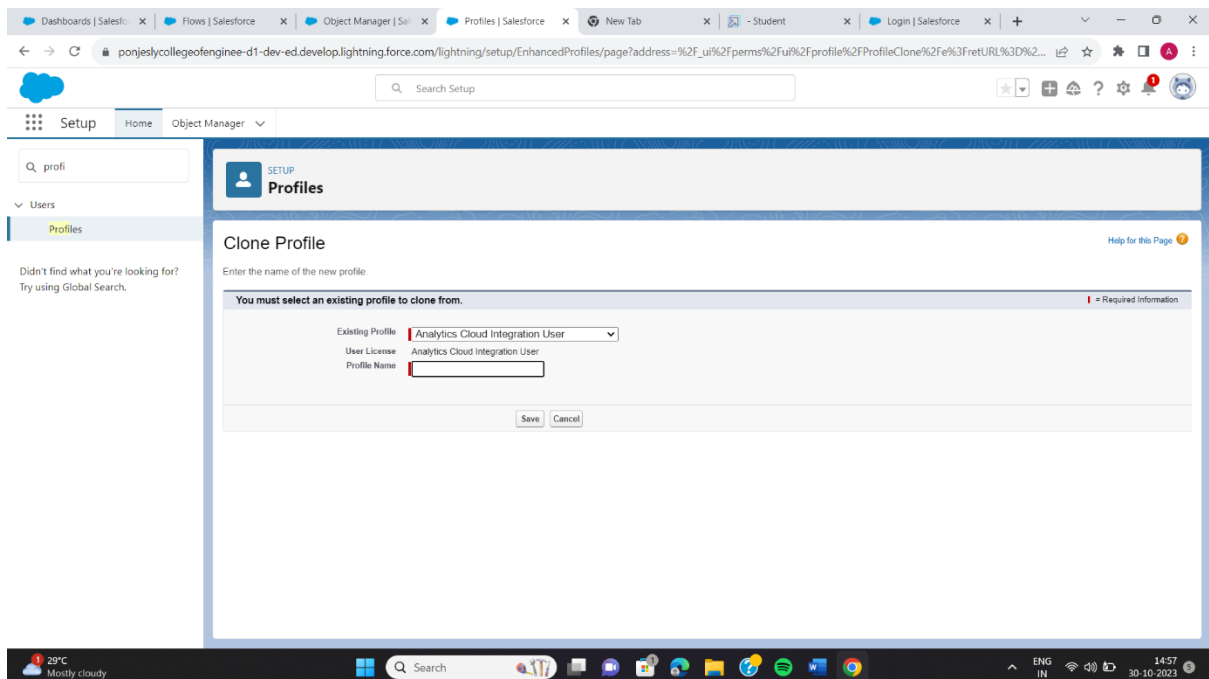
The screenshot shows the Salesforce Setup interface for the 'Roles' section. The left sidebar lists various setup options, with 'Roles' selected. The main area displays the 'Understanding Roles' page. At the top, there is a 'Sample Role Hierarchy' section with a dropdown menu set to 'Territory-based Sample'. Below this, a hierarchical diagram shows the role structure. The hierarchy starts with 'Executive Staff' (CEO, President, CFO, VP Sales) at the top. Below this are three 'Sales Director' roles: 'Western Sales Director', 'Eastern Sales Director', and 'International Sales Director'. Each director role has associated 'Sales Rep' roles: 'Western Sales Rep' (CA Sales Rep, OR Sales Rep), 'Eastern Sales Rep' (NY Sales Rep, MA Sales Rep), and 'International Sales Rep' (Asian Sales Rep, European Sales Rep). To the right of the diagram, there are three text boxes explaining the permissions for each level: 'View & edit data, roll up forecasts, & generate reports for all users below. Can't access data of other Executive Staff', 'View & edit data, roll up forecasts, & generate reports for all users directly below. Can't access data of users above or at same level', and 'View & edit data, roll up forecasts, & generate reports only for own data. Can't access data of users above or at same level'. At the bottom right, there are two buttons: 'Set Up Roles' and 'Don't show this page again'. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with weather, search, and time information.

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 features. 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' checkboxes are checked for 'External Apps Login', 'Salesforce', 'Salesforce', 'Salesforce', and 'Customer Community Login'.

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. The form also includes 'Save' and 'Cancel' buttons.

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

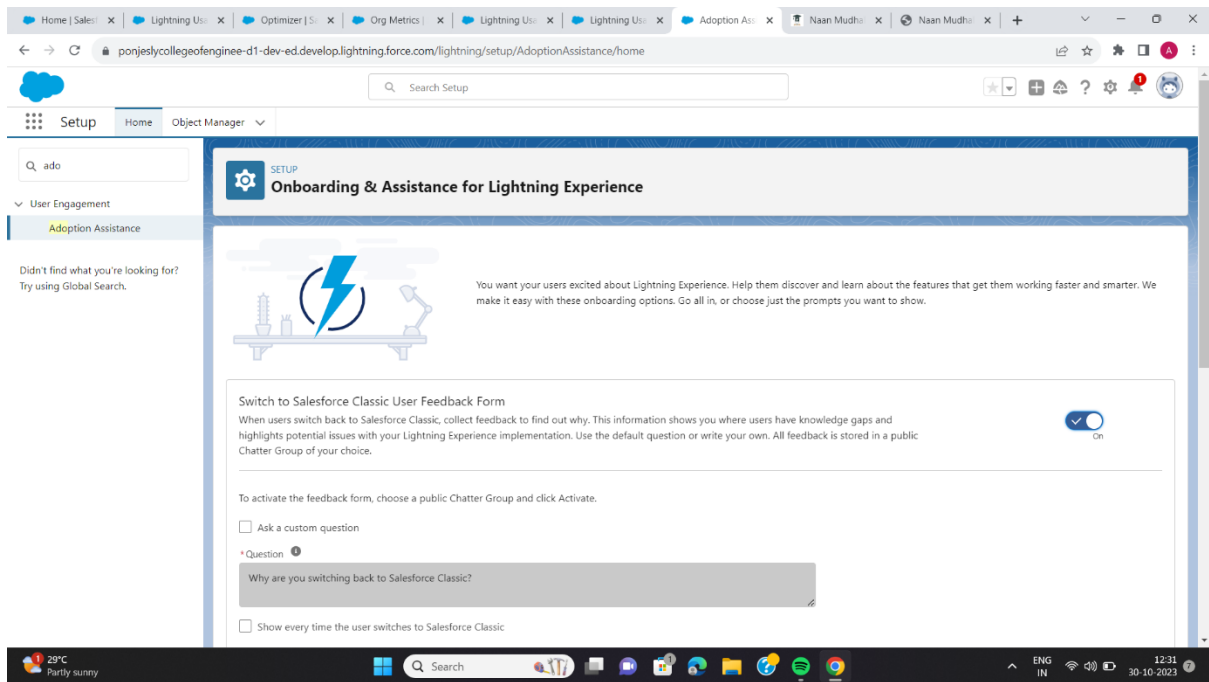
The screenshot shows the Salesforce Setup interface with the 'Users' section selected in the left sidebar. The main content area displays the 'All Users' page, which includes instructions on how to create, view, and manage users. Below the instructions, there is a table listing existing users. The table 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 assigned profiles: Chatter Free User, System Administrator, store supervisor, Analytics Cloud Integration User, and Analytics Cloud Security User. At the bottom of the page, there are buttons for 'New User', 'Reset Password(s)', and 'Add Multiple Users'.

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	Chatter Expert	Chatter	chatty00d5y0000007roleav.vj@h4tzy@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

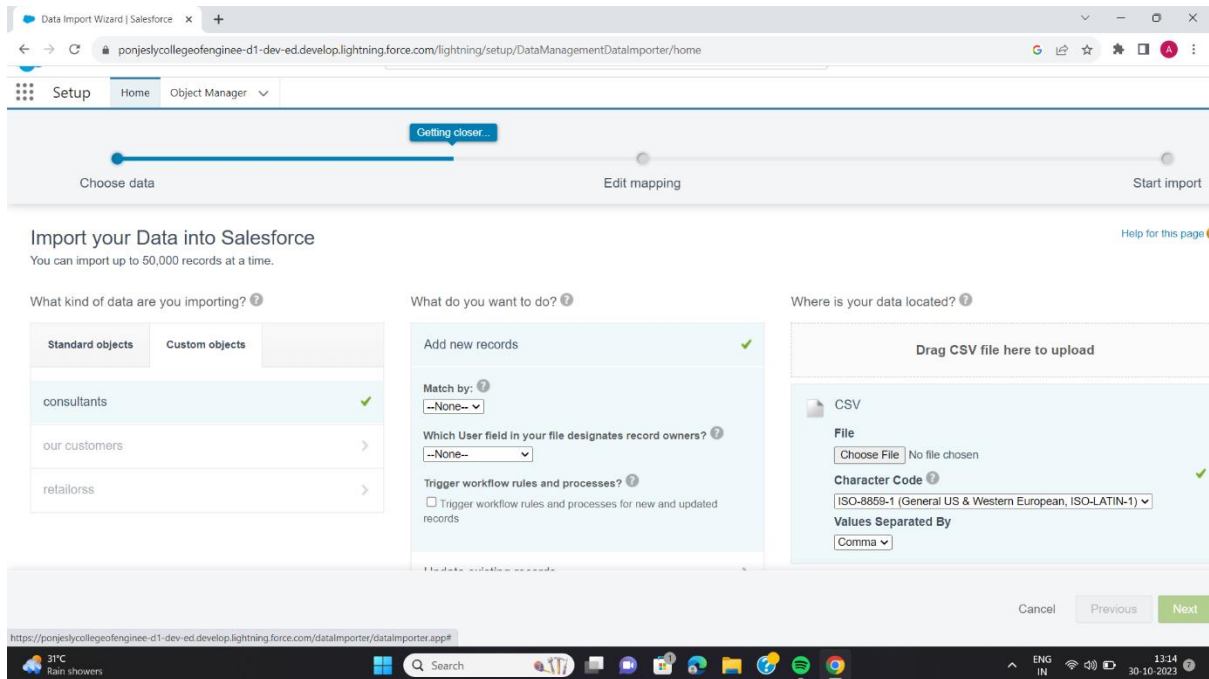
This screenshot is identical to the one above, showing the Salesforce Setup - Users page. It displays the 'All Users' section with a table of five users: Chatter Expert, S. Anish, S. Anish, User Integration, and User Security. Each user is active and has a specific profile assigned. The interface includes navigation links, a search bar, and buttons for adding or resetting user credentials.

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	Chatter Expert	Chatter	chatty00d5y0000007roleav.vj@h4tzy@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 displays the Salesforce Reports interface. The main content area shows a table of recent reports:

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

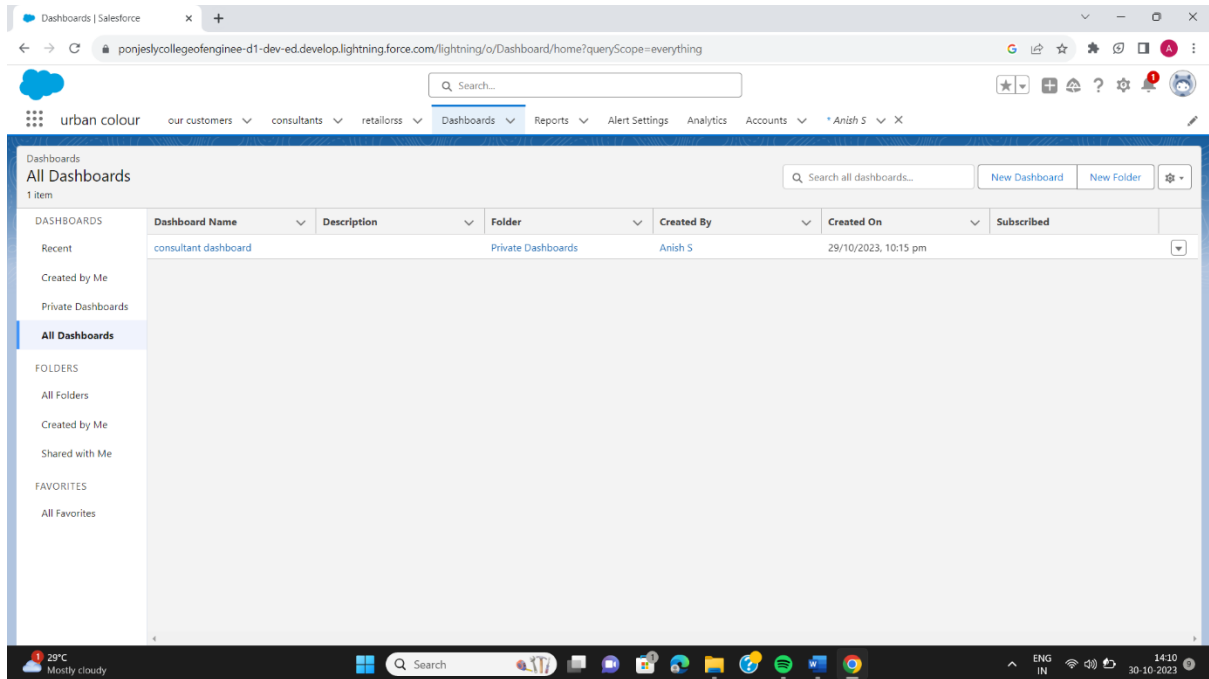
The left sidebar lists various navigation options: Recent, Created by Me, Private Reports, Public Reports, All Reports, FOLDERS, All Folders, Created by Me, Shared with Me, FAVORITES, and All Favorites. The top navigation bar includes 'urban colour', 'our customers', 'consultants', 'retailors', 'Dashboards', 'Reports', 'Alert Settings', 'Analytics', and 'Accounts'.

STEP 12 : Create Dashboard

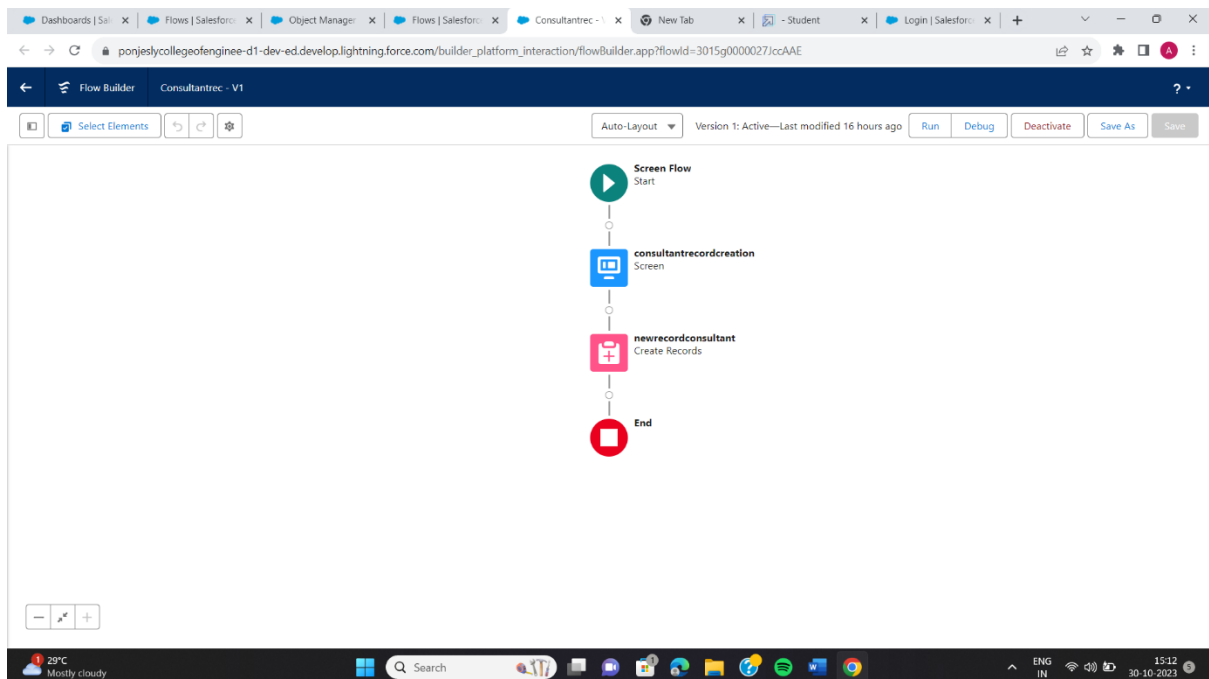
The screenshot displays the Salesforce Dashboards interface. The main content area shows a table of recent dashboards:

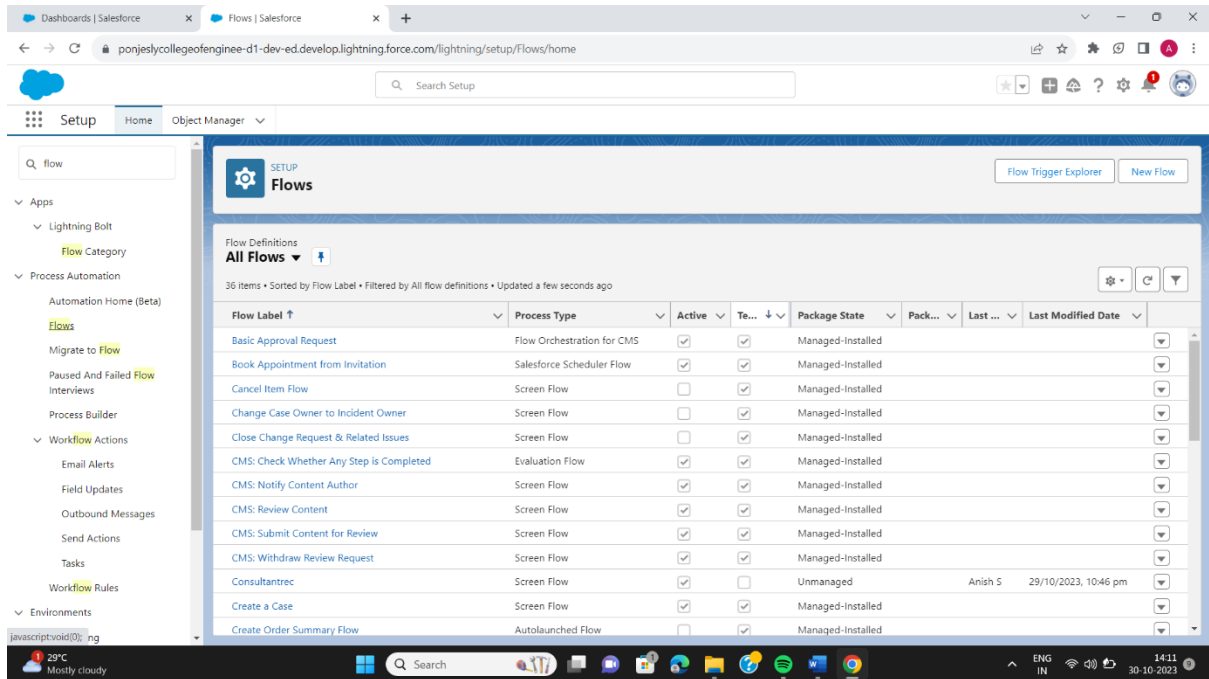
DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	consultant dashboard		Private Dashboards	Anish S	29/10/2023, 10:15 pm	

The left sidebar lists various navigation options: Recent, Created by Me, Private Dashboards, All Dashboards, FOLDERS, All Folders, Created by Me, Shared with Me, FAVORITES, and All Favorites. The top navigation bar includes 'urban colour', 'our customers', 'consultants', 'retailors', 'Dashboards', 'Reports', 'Alert Settings', 'Analytics', and 'Accounts'.

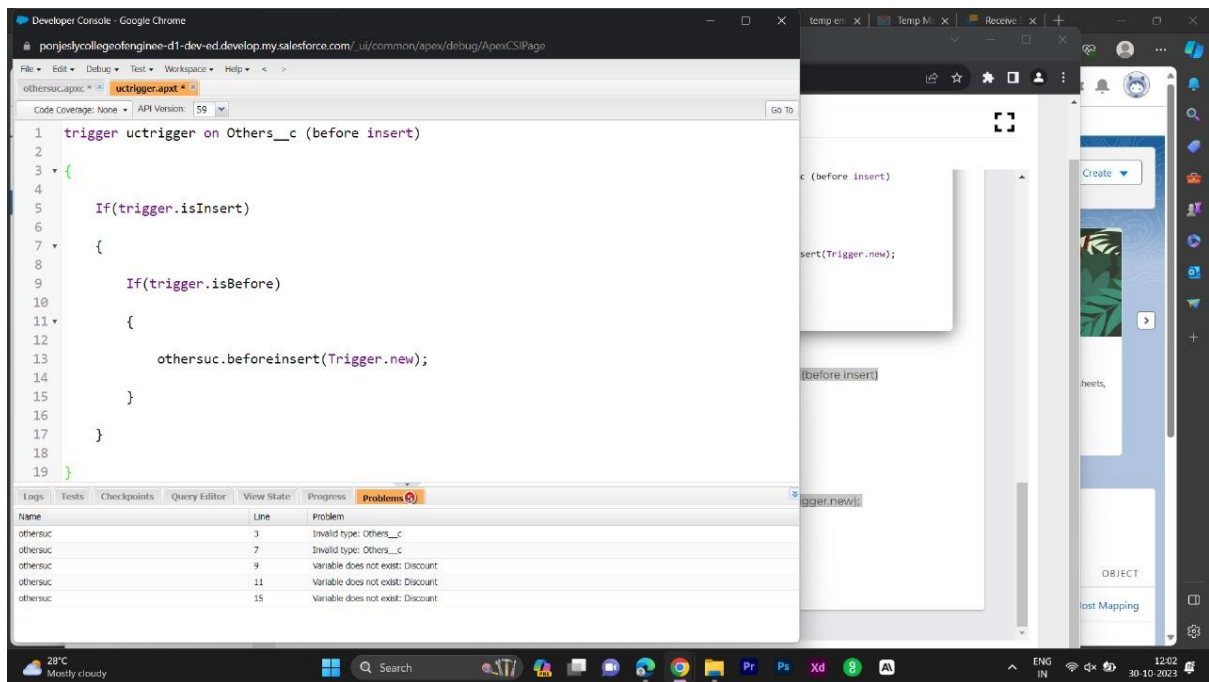


STEP 13 : Create a Flow





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