

NAAN MUDHALVAN
SALESFORCE DEVELOPER PROJECT REPORT

PROJECT TITLE: RECRUITING ASSISTANCE FOR THE HR MANAGERS

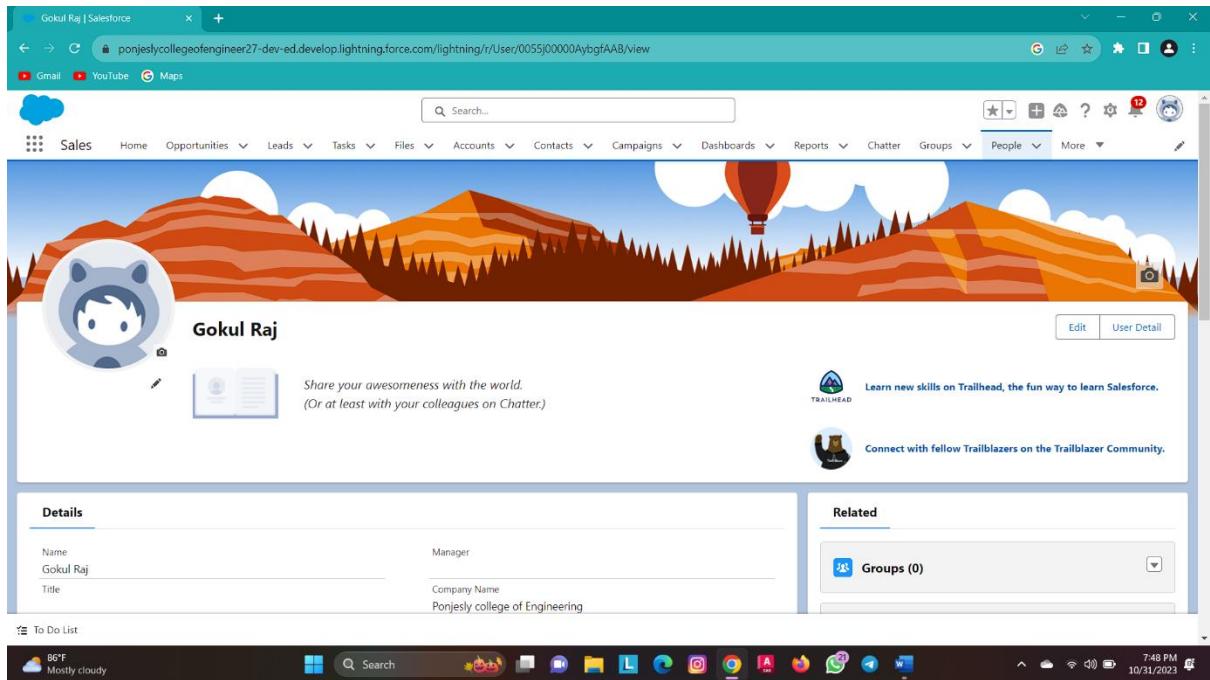
DONE BY :

GOKUL RAJ D S

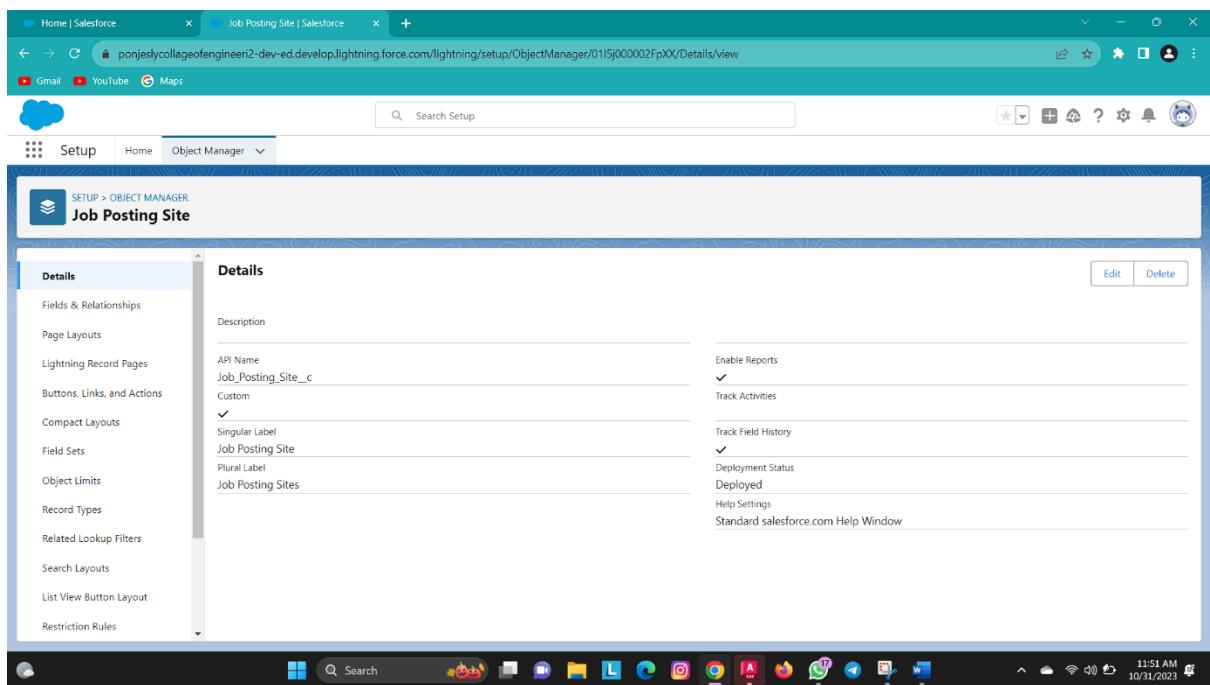
REG NO : 961820114032

NM ID : 355D32B30F85354B4C94905065C0621B

Step 1: Create a Salesforce Account



Step 2 : Create the Objects (Job Posting Site, Review, Job Posting)



Home | Salesforce Review | Salesforce

ponjesly.collageofengineer2-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I5j000002Fpxh/Details/view

Gmail YouTube Maps

Cloud Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Review

Details

Description

API Name: Review__c
Custom: ✓
Singular Label: Review
Plural Label: Reviews

Enable Reports: ✓
Track Activities
Track Field History: ✓
Deployment Status: Deployed
Help Settings: Standard salesforce.com Help Window

Edit Delete

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

11:59 AM 10/31/2023

The screenshot shows the 'Review' object's details in the Salesforce Object Manager. The API name is 'Review__c', and the singular label is 'Review'. The object is marked as deployed. The 'Enable Reports' checkbox is checked.

Home | Salesforce Job Posting | Salesforce

ponjesly.collageofengineer2-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I5j000002Fpxm/Details/view

Gmail YouTube Maps

Cloud Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Job Posting

Details

Description

API Name: Job_Posting__c
Custom: ✓
Singular Label: Job Posting
Plural Label: Job Postings

Enable Reports: ✓
Track Activities
Track Field History: ✓
Deployment Status: Deployed
Help Settings: Standard salesforce.com Help Window

Edit Delete

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

12:13 PM 10/31/2023

The screenshot shows the 'Job Posting' object's details in the Salesforce Object Manager. The API name is 'Job_Posting__c', and the singular label is 'Job Posting'. The object is marked as deployed. The 'Enable Reports' checkbox is checked.

Step 3 : Create the Tabs for Each Objects(Job Posting, Reviews, Job Posting Sites)

The screenshot shows the Salesforce Setup interface with the 'Tabs' page selected. A search bar at the top right contains 'Search Setup'. On the left, a sidebar has 'User Interface' expanded, with 'Rename Tabs and Labels' and 'Tabs' selected. The main content area displays a 'Custom Object Tab' for 'Job Postings'. The 'Custom Tab Definition Detail' section shows the following information:

Tab Label	Object	Tab Style	
Job Postings	Job Posting	Boat	
		Splash Page Custom Link	
Description			
Created By	BLESSING BLESSING 30/10/2023, 11:39 am	Modified By	BLESSING BLESSING 30/10/2023, 11:39 am

At the bottom right of the content area, there is a 'Help for this Page' link. The status bar at the bottom right shows the time as 12:15 PM and the date as 10/31/2023.

The screenshot shows the Salesforce Setup interface with the 'Tabs' page selected. A search bar at the top right contains 'Search Setup'. On the left, a sidebar has 'User Interface' expanded, with 'Rename Tabs and Labels' and 'Tabs' selected. The main content area displays a 'Custom Object Tab' for 'Reviews'. The 'Custom Tab Definition Detail' section shows the following information:

Tab Label	Object	Tab Style	
Reviews	Review	Car	
		Splash Page Custom Link	
Description			
Created By	BLESSING BLESSING 30/10/2023, 11:40 am	Modified By	BLESSING BLESSING 30/10/2023, 11:40 am

At the bottom right of the content area, there is a 'Help for this Page' link. The status bar at the bottom right shows the time as 12:15 PM and the date as 10/31/2023.

The screenshot shows the Salesforce Setup interface with the 'Tabs' tab selected. The main content area displays a 'Custom Object Tab' named 'Job Posting Sites'. The 'Custom Tab Definition Detail' section shows the following information:

Tab Label	Object	Description	Created By	Modified By
Job Posting Sites	Job Posting Site		BLESSING BLESSING 30/10/2023, 11:31 am	BLESSING BLESSING 30/10/2023, 11:40 am

The 'Tab Style' dropdown is set to 'Camera'. The URL in the browser bar is <https://ponjely.collageofengineeri2-dev-ed.develop.my.salesforce.com/one/one.app#/alohaRedirect/01Sj000006hzo?setupid=CustomTabs&isItp=p1>.

Step 4 : Create a Lightning App

The screenshot shows the Salesforce Setup interface with the 'App Launcher' tab selected. The main content area displays the 'All Apps' section, which lists various built-in and third-party apps:

Icon	Name	Description
Service	Service	Manage customer service with accounts, contacts, cases, and more
Marketing	Marketing	Best-in-class on-demand marketing automation
Community	Community	Salesforce CRM Communities
Salesforce Chatter	Salesforce Chatter	The Salesforce Chatter social network, including profiles and feeds
Content	Content	Salesforce CRM Content
Sales Console	Sales Console	(Lightning Experience) Lets sales reps work with multiple records on one screen
Sales	Sales	Manage your sales process with accounts, leads, opportunities, and more
Lightning Usage App	Lightning Usage App	View Adoption and Usage Metrics for Lightning Experience
Digital Experiences	Digital Experiences	Manage content and media for all of your sites.
Salesforce Scheduler Setup	Salesforce Scheduler Setup	Set up personalized appointment scheduling.
Bolt Solutions	Bolt Solutions	Discover and manage business solutions designed for your industry.

The URL in the browser bar is <https://ponjely.collageofengineeri2-dev-ed.develop.lightning.force.com/lightning/setup/SetupOneHome/home>.

Step 5 : Create Fields and Relationship for Respective Objects(Job Posting, Reviews, Job Posting Sites, Postition)

The screenshot shows the Salesforce Object Manager interface for the 'Job Posting' object. The left sidebar lists various setup options like Page Layouts, Lightning Record Pages, and Field Sets. The main area is titled 'Fields & Relationships' and displays 11 items sorted by Field Label. The table columns include FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Core Competencies	Core_Competencies__c	Picklist		
Core Competencies Comments	Core_Competencies_Comments__c	Text Area(255)		
Created By	CreatedById	Lookup(User)		
Interviewer	Interviewer__c	Lookup(Individual)	✓	
Job Application	Job_Application__c	Lookup(Account)	✓	
Job Posting Name	Name	Auto Number	✓	
Job Posting Site	Job_Posting_Site__c	Master-Detail(Job Posting Site)	✓	
Last Modified By	LastModifiedById	Lookup(User)		
Position	Position__c	Master-Detail(Position)	✓	

The screenshot shows the Salesforce Object Manager interface for the 'Review' object. The left sidebar lists various setup options. The main area is titled 'Fields & Relationships' and displays 4 items sorted by Field Label. The table columns include FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Job Posting Site	Job_Posting_Site__c	Master-Detail(Job Posting Site)	✓	
Last Modified By	LastModifiedById	Lookup(User)		
Review Number	Name	Auto Number	✓	

Home | Salesforce Tabs | Salesforce Job Posting Site | Salesforce

ponjesly/collageofengineer12-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I5j000002FpxX/FieldsAndRelationships/view

Gmail YouTube Maps

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
Job Posting Site

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

Fields & Relationships 8 items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Description	Description__c	Text Area(255)		
Job Posting Site URL	Job_Posting_Site_URL__c	URL(255)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Site Name	Name	Text(80)		✓
Status	Status__c	Picklist		
Technical Site	Technical_Site__c	Picklist		

12:24 PM 10/31/2023

Home | Salesforce Tabs | Salesforce Position | Salesforce

ponjesly/collageofengineer12-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I5j000002Fpyk/FieldsAndRelationships/view

Gmail YouTube Maps

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
Position

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

Fields & Relationships 5 items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Position Name	Name	Text(80)		✓
Record Type	RecordTypeId	Record Type		✓

12:24 PM 10/31/2023

Step 6 : Create a Page Layout

The screenshot shows the Salesforce Setup interface. The left sidebar is titled 'Position' and includes options like Details, Fields & Relationships, Page Layouts (which is 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, and Restriction Rules. The main content area is titled 'Page Layouts' and shows two items: 'Position Layout' and 'Review Object'. Both were created by 'BLESSING BLESSING' on 30/10/2023 at 11:57 am and modified on 30/10/2023 at 12:12 pm. A 'Quick Find' bar and a 'Page Layout Assignment' button are at the top right. The bottom status bar shows the date as 10/31/2023 and the time as 12:24 PM.

Step 7 : Creating a Validation Rules

The screenshot shows the Salesforce Setup interface. The left sidebar is titled 'Job Posting Site' and includes options like 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, and Restriction Rules. The main content area is titled 'Job Posting Site Validation Rule' and displays the 'Validation Rule Detail' for the rule 'Phone_Number_Validation_Rule'. The rule is active and was created by 'BLESSING BLESSING' on 30/10/2023 at 12:28 pm. The error condition formula is 'NOT(OR(REGEX(\$Organization.Phone, "[^0-9]|10")))' and the error message is '9468147073'. The error location is 'Technical Site'. A 'Help for this Page' link is at the top right. The bottom status bar shows the date as 10/31/2023 and the time as 12:25 PM.

Step 8 : Create a Profile

The screenshot shows the Salesforce Setup interface under the 'Profiles' section. A new profile named 'Custom: Sales Profile' has been created. The profile details include:

Name	Custom: Sales Profile	Custom Profile	✓
User License	Salesforce		
Description			
Created By	BLESSING BLESSING 18/08/2023, 12:24 pm	Modified By	BLESSING BLESSING 30/10/2023, 1:19 pm

The 'Page Layouts' section lists various standard object layouts assigned to this profile:

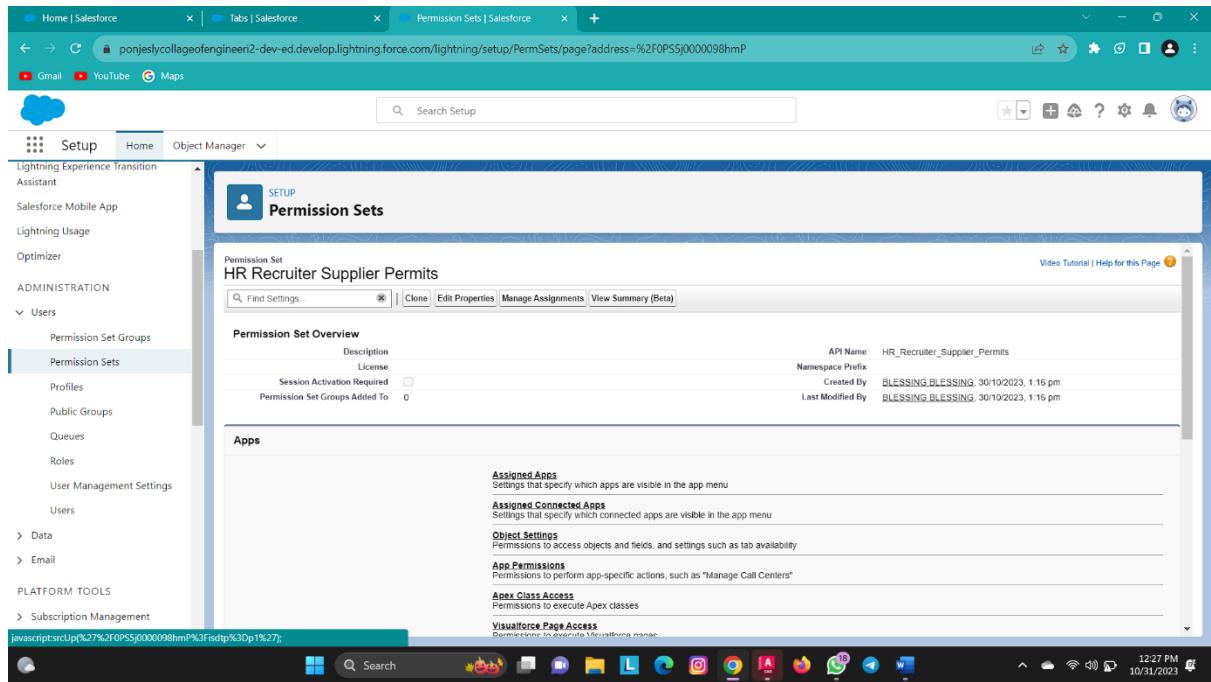
Object	Layout	Object Milestone	Layout
Global	[View Assignment]	Object Milestone	[View Assignment]
Email Application	No Assignment	Operating Hours	[View Assignment]
Home Page Layout	DE Default	Opportunity	[View Assignment]
Account	Account (Sales) Layout	Opportunity Product	[View Assignment]
Alternative Payment Method	Alternative Payment Method Layout	Order	[View Assignment]

Step 9 : Creating a User

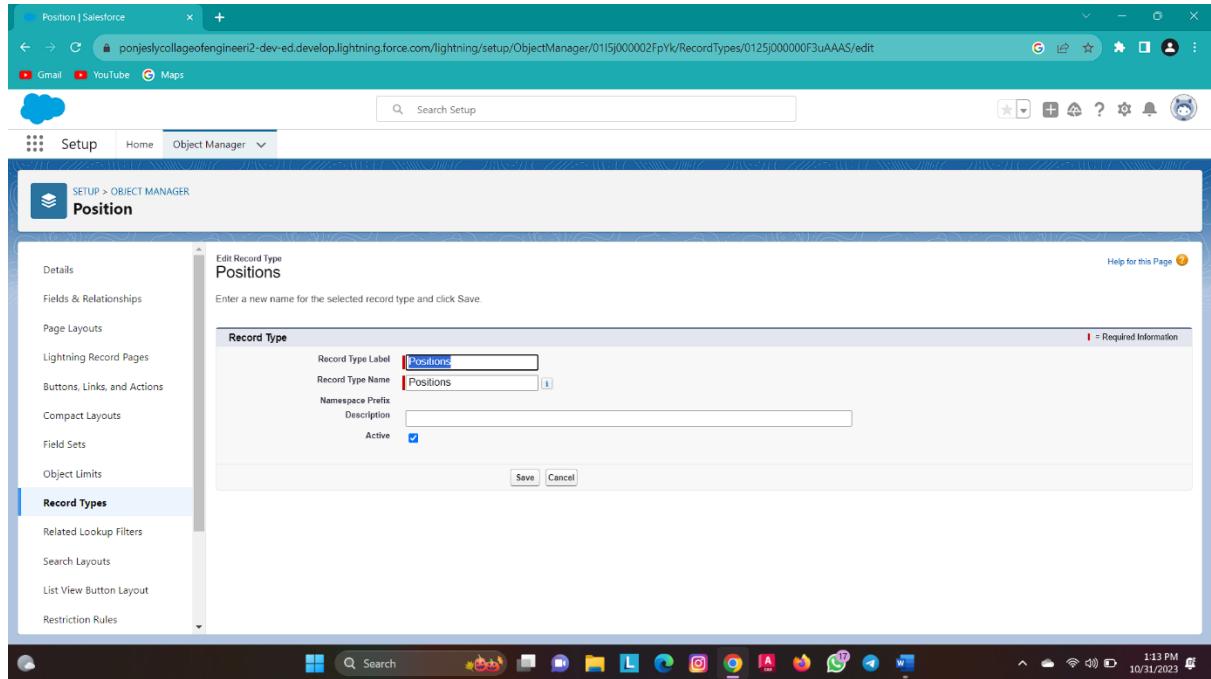
The screenshot shows the Salesforce Setup interface under the 'Users' section. The 'All Users' view displays a list of existing users:

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>	BLESSING BLESSING	BBLES	blesson143@ppos.com		<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/>	Chatter Expert	Chatter	chatty-00df5000000chiryea3dkfhsz4uyucal@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
<input type="checkbox"/>	Garapati Abhilash	apara	blessingnass03@gmail.com		<input checked="" type="checkbox"/>	Standard Platform User
<input type="checkbox"/>	Gupta Sanjay	Sanji	sanjeyouta112@thesmartbridge.com		<input checked="" type="checkbox"/>	Standard Platform User
<input type="checkbox"/>	User Integration	integ	integration@005bj0000cnrvea2.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<input type="checkbox"/>	User Security	sec	inightssecurity@005j00000chjnwca3.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User

Step 10 : Creating a Permission Set



Step 11 : Create, View and Delete a Record



Home | Salesforce Tabs | Salesforce Position | Salesforce

ponjesly.collageofengineer12-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I5j000002FpYk/RecordTypes/0125j000000F3uAAS/view

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Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER Position

Record Type Positions

Back to Custom Object: Position

Use the Edit button to change the properties of this record type. Use the Edit links in the Picklist Values related list to choose the picklist values available for records with this record type.

Record Type Label	Positions
Record Type Name	Positions
Namespace Prefix	
Description	
Created By	BLESSING BLESSING, 30/10/2023, 1:19 pm
Modified By	BLESSING BLESSING, 30/10/2023, 1:19 pm

Help for this Page

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

12:29 PM 10/31/2023

Home | Salesforce Tabs | Salesforce Position | Salesforce

ponjesly.collageofengineer12-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I5j000002FpYk/RecordTypes/view

Gmail YouTube Maps

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER Position

Record Types

1 items, Sorted by Record Type Label

RECORD TYPE LABEL	DESCRIPTION	ACTIVE	MODIFIED BY
Positions		Are you sure?	BLESSING BLESSING, 30/10/2023, 1:19 pm

New Page Layout Assignment

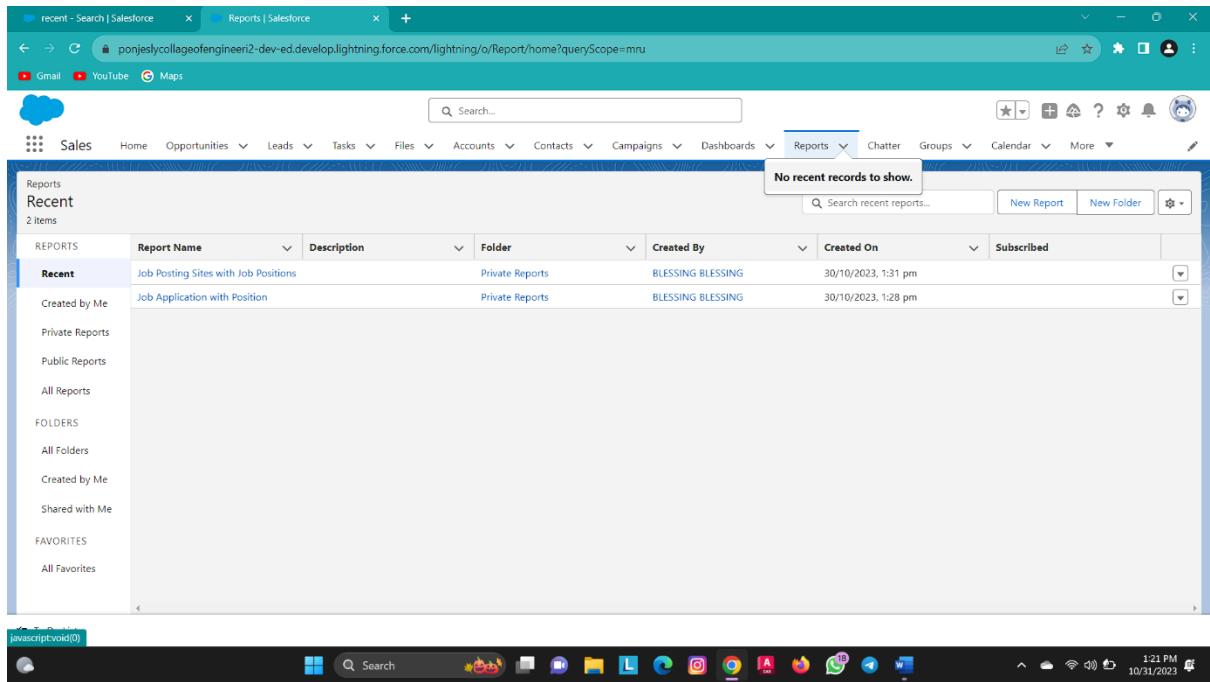
Cancel Delete

Edit Delete

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

1:16 PM 10/31/2023

Step 12 : Creating a Report

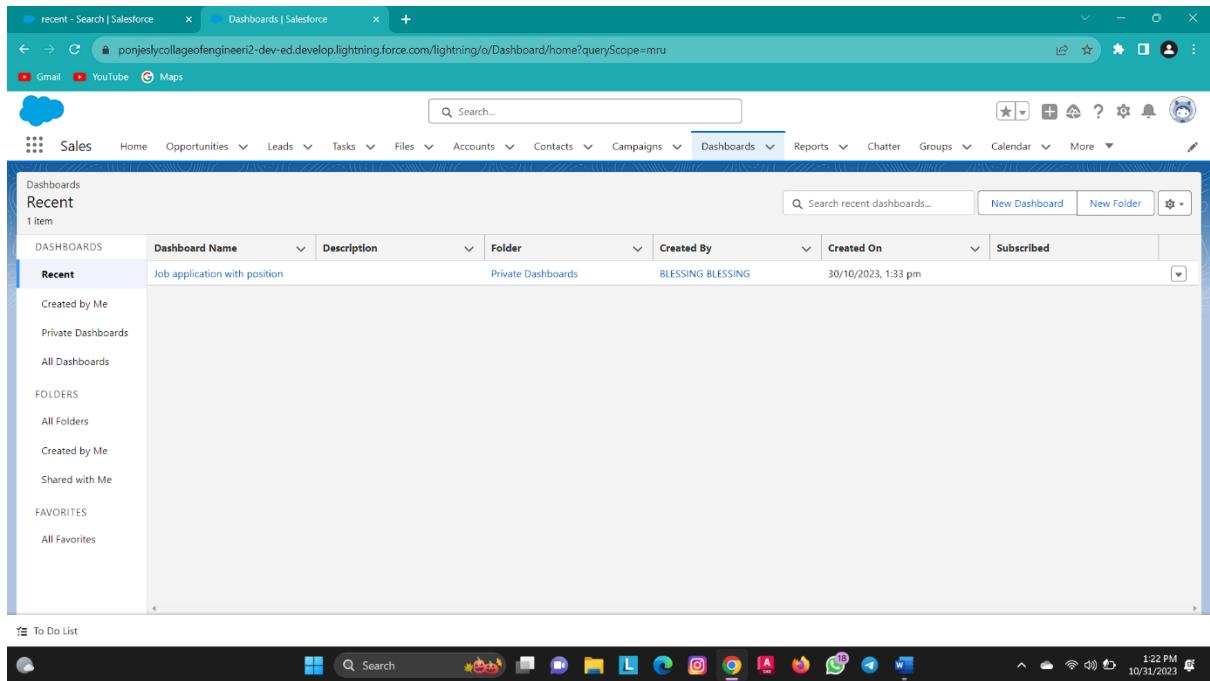


The screenshot shows the Salesforce Reports page. The top navigation bar includes links for Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, Groups, Calendar, and More. The Reports menu is currently selected. The main content area displays a table titled "RECENT" under the "REPORTS" section. The table has columns for Report Name, Description, Folder, Created By, Created On, and Subscribed. Two reports are listed:

Report Name	Description	Folder	Created By	Created On	Subscribed
Job Posting Sites with Job Positions	Private Reports	BLESSING BLESSING	30/10/2023, 1:31 pm		
Job Application with Position	Private Reports	BLESSING BLESSING	30/10/2023, 1:28 pm		

On the left sidebar, there are filters for "Created by Me", "Private Reports", "Public Reports", "All Reports", "Folders", "All Folders", "Created by Me", "Shared with Me", and "Favorites". The bottom status bar shows the date as 10/31/2023 and the time as 12:11 PM.

Step 13 : Create a Dashboard



The screenshot shows the Salesforce Dashboards page. The top navigation bar is identical to the Reports page. The Reports menu is currently selected. The main content area displays a table titled "RECENT" under the "DASHBOARDS" section. The table has columns for Dashboard Name, Description, Folder, Created By, Created On, and Subscribed. One dashboard is listed:

Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Job application with position	Private Dashboards	BLESSING BLESSING	30/10/2023, 1:33 pm		

On the left sidebar, there are filters for "Created by Me", "Private Dashboards", "All Dashboards", "Folders", "All Folders", "Created by Me", "Shared with Me", and "Favorites". The bottom status bar shows the date as 10/31/2023 and the time as 12:22 PM.

Step 14 : View Report and Dashboard

The screenshot shows the Salesforce Reports page. The top navigation bar includes links for Home, Opportunities, Leads, Tasks, Files, Accounts, Contacts, Campaigns, Dashboards, Reports, Chatter, Groups, Calendar, and More. The Reports menu is currently selected. On the left, a sidebar lists categories: Recent, Created by Me, Private Reports, Public Reports, All Reports, Folders, All Folders, Created by Me, Shared with Me, and Favorites, All Favorites. The main content area displays a table titled "RECENT" with columns: Report Name, Description, Folder, Created By, Created On, and Subscribed. Two reports are listed:

Report Name	Description	Folder	Created By	Created On	Subscribed
Job Posting Sites with Job Positions	Private Reports	BLESSING BLESSING	30/10/2023, 1:31 pm		
Job Application with Position	Private Reports	BLESSING BLESSING	30/10/2023, 1:28 pm		

At the bottom right of the content area, there is a message: "No recent records to show." A search bar at the top right says "Search recent reports..." with buttons for "New Report" and "New Folder". The status bar at the bottom shows the URL "ponjesly/collageofengineeri2-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mru", the date "10/31/2023", and the time "12:11 PM".

The screenshot shows the Salesforce Dashboards page. The top navigation bar is identical to the Reports page. The Reports menu is currently selected. The sidebar on the left is identical to the one in the Reports page. The main content area displays a table titled "RECENT" with columns: Dashboard Name, Description, Folder, Created By, Created On, and Subscribed. One dashboard is listed:

Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Job application with position	Private Dashboards	BLESSING BLESSING	30/10/2023, 1:33 pm		

A search bar at the top right says "Search recent dashboards..." with buttons for "New Dashboard" and "New Folder". The status bar at the bottom shows the URL "ponjesly/collageofengineeri2-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mru", the date "10/31/2023", and the time "12:22 PM".

Step 15 : Creation of Apex Triggers

The screenshot shows the Salesforce Setup Apex Triggers page. The left sidebar includes links for Setup Home, Service Setup Assistant, Commerce Setup Center, Multi-Factor Authentication Assistant, Hyperforce Assistant, Release Updates, Lighting Experience Transition Assistant, Salesforce Mobile App, Lightning Usage Optimizer, Administration (Users, Data, Email), and Platform Tools (Subscription Management). The main content area displays the Apex Triggers page with a heading "Apex Triggers". A message states "Percent of Apex Used: 0%" and "You are currently using 135 characters of Apex Code (excluding comments and @isTest annotated classes) in your organization, out of an allowed limit of 6,000,000 characters. Note that the amount in use includes both Apex Classes and Triggers defined in your organization." Below this is a table with one row:

Action	Name	Namespace Prefix	sObject Type	Api Version	Status	Size Without Comments	Last Modified By	Has Trace Flags
Edit Del Security	PriorityTrig		Review	59.0	Active	54	BLESSING,BLESSING	30/10/2023, 1:39 pm

Step 16 : Create the DML Insert for the Job Posting Site

The screenshot shows the Salesforce Setup Apex Classes page. The left sidebar includes links for Slack, MuleSoft, Einstein, Objects and Fields, Events, Process Automation, User Interface, Custom Code (Apex Classes, Apex Settings, Apex Test Execution, Apex Test History, Apex Triggers, Canvas App Previewer, Custom Metadata Types, Custom Permissions, Custom Settings, DataWeave Resources, Email Services), and a general link for Apex Classes. The main content area displays the Apex Classes page with a heading "Apex Classes". A message states "Percent of Apex Used: 0%" and "You are currently using 112 characters of Apex Code (excluding comments and @isTest annotated classes) in your organization, out of an allowed limit of 6,000,000 characters. Note that the amount in use includes both Apex Classes and Triggers defined in your organization." Below this is a table with two rows:

Action	Name	Namespace Prefix	Api Version	Status	Size Without Comments	Last Modified By	Has Trace Flags
Edit Del Security	InsertJobSite		59.0	Active	35	BLESSING,BLESSING	31/10/2023, 11:08 am
Edit Del Security	JobSite		59.0	Active	23	BLESSING,BLESSING	30/10/2023, 8:44 pm

Step 17 : Create the Batch Apex and Check the Batch

The screenshot shows the Salesforce Setup Apex Classes page. On the left, there's a sidebar with various setup categories like Slack, MuleSoft, Einstein, etc., and a main menu with Apex Classes selected. The main content area has a title 'Apex Classes' with a sub-section 'Dynamic Apex Classes'. It displays two Apex classes: 'InsertMultipleRec' and 'util'. Both classes have an 'Action' column (Edit | Del | Security), a 'Name' column (InsertMultipleRec and util), a 'Namespace Prefix' column (empty), an 'Api Version' column (59.0), a 'Status' column (Active), a 'Size Without Comments' column (35 and 23 respectively), and a 'Last Modified By' column (BLESSING BLESSING). There are also 'Developer Console', 'New', 'Generate from WSDL', 'Run All Tests', and 'Schedule Apex' buttons at the top of the list.

The screenshot shows the Salesforce Setup Apex Jobs page. The sidebar and main menu are identical to the previous screenshot. The main content area has a title 'Apex Jobs' with a sub-section 'Click here to go to the new batch jobs page'. It displays a message: 'Monitor the status of all Apex jobs, and optionally, abort jobs that are in progress.' Below this is a section titled 'Percent of Asynchronous Apex Used: 0%' with a note about the 250,000 limit. A table header is shown but no data is present. The table columns include Submitted Date, Job Type, Status, Status Detail, Total Batches, Batches Processed, Failures, Submitted By, Completion Date, Apex Class, Apex Method, and Apex Job ID.