

CREATION OF AN APPLICATION FOR SCHOOL MANAGEMENT-(Admin)

Project Report

Introduction

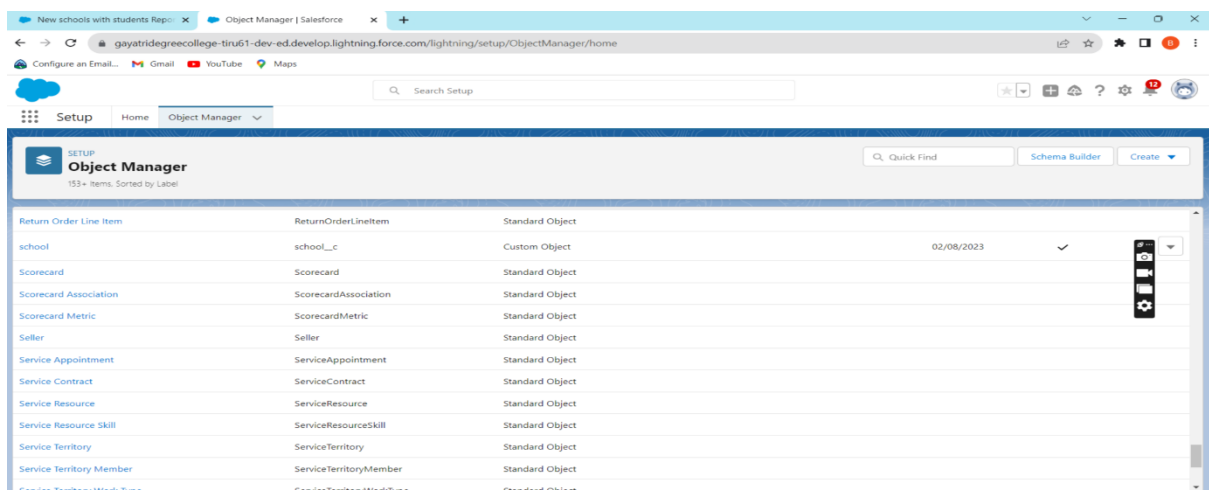
Creating Developer Org

Create a developer org in salesforce

1. Go to developer.salesforce.com
2. Click on sign up
3. On the sign up form, enter the following details
 - a. First name & last name-lokeshwar & Naidu
 - b. Email-
 - c. Role – developer
 - d. Company – GAYATRI DEGREE COLLEGE
 - e. Country- india
 - f. Postal code- 517501
 - g. Username- lokeshwarnaidu@gdctirupati.com

OBJECTS

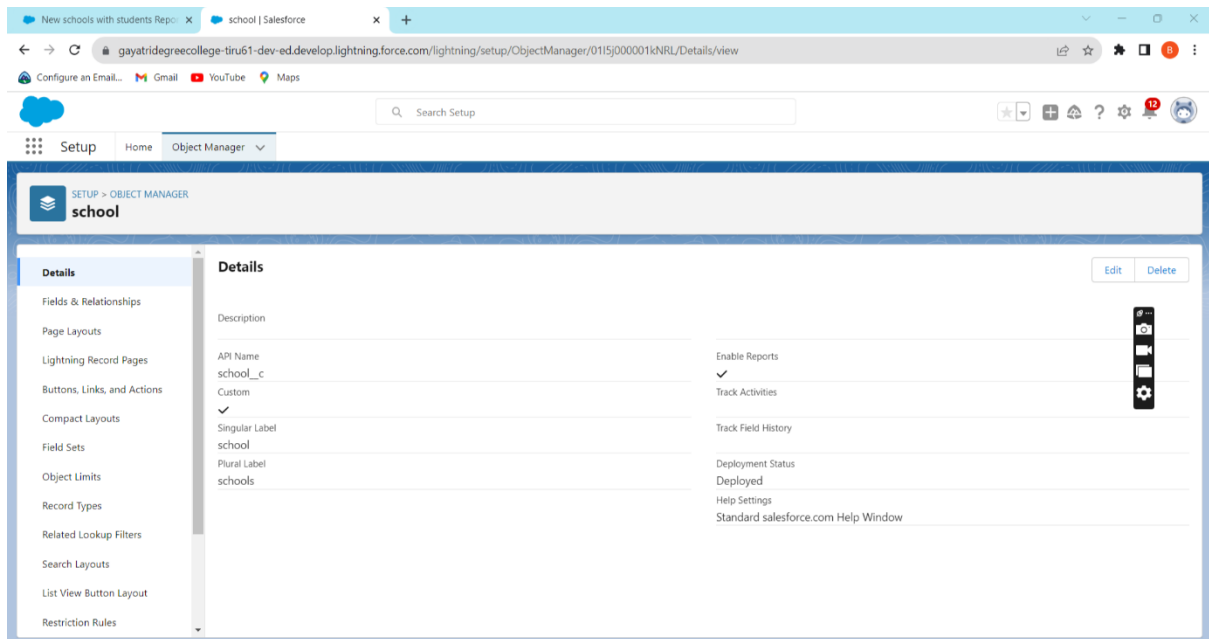
I create three custom objects in object manager school, student, parent



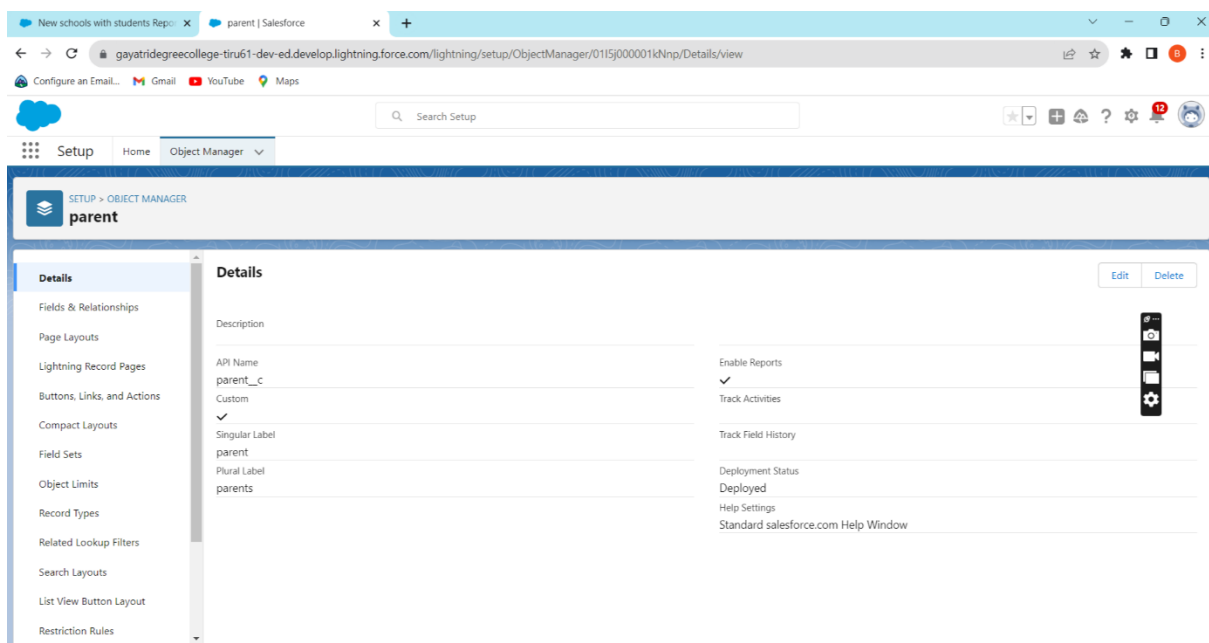
The screenshot shows the Salesforce Object Manager interface. The browser address bar displays the URL: gayatridegreecollege-tiru61-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/home. The page title is "Object Manager" with a sub-header "133+ Items, Sorted by Label". The main content area is a table listing various objects. The table has three columns: Object Name, API Name, and Type. The objects listed include Return Order Line Item, school, Scorecard, Scorecard Association, Scorecard Metric, Seller, Service Appointment, Service Contract, Service Resource, Service Resource Skill, Service Territory, Service Territory Member, and Service Territory Work Type. The 'school' object is highlighted as a Custom Object, while the others are Standard Objects.

Object Name	API Name	Type
Return Order Line Item	ReturnOrderLineItem	Standard Object
school	school__c	Custom Object
Scorecard	Scorecard	Standard Object
Scorecard Association	ScorecardAssociation	Standard Object
Scorecard Metric	ScorecardMetric	Standard Object
Seller	Seller	Standard Object
Service Appointment	ServiceAppointment	Standard Object
Service Contract	ServiceContract	Standard Object
Service Resource	ServiceResource	Standard Object
Service Resource Skill	ServiceResourceSkill	Standard Object
Service Territory	ServiceTerritory	Standard Object
Service Territory Member	ServiceTerritoryMember	Standard Object
Service Territory Work Type	ServiceTerritoryWorkType	Standard Object

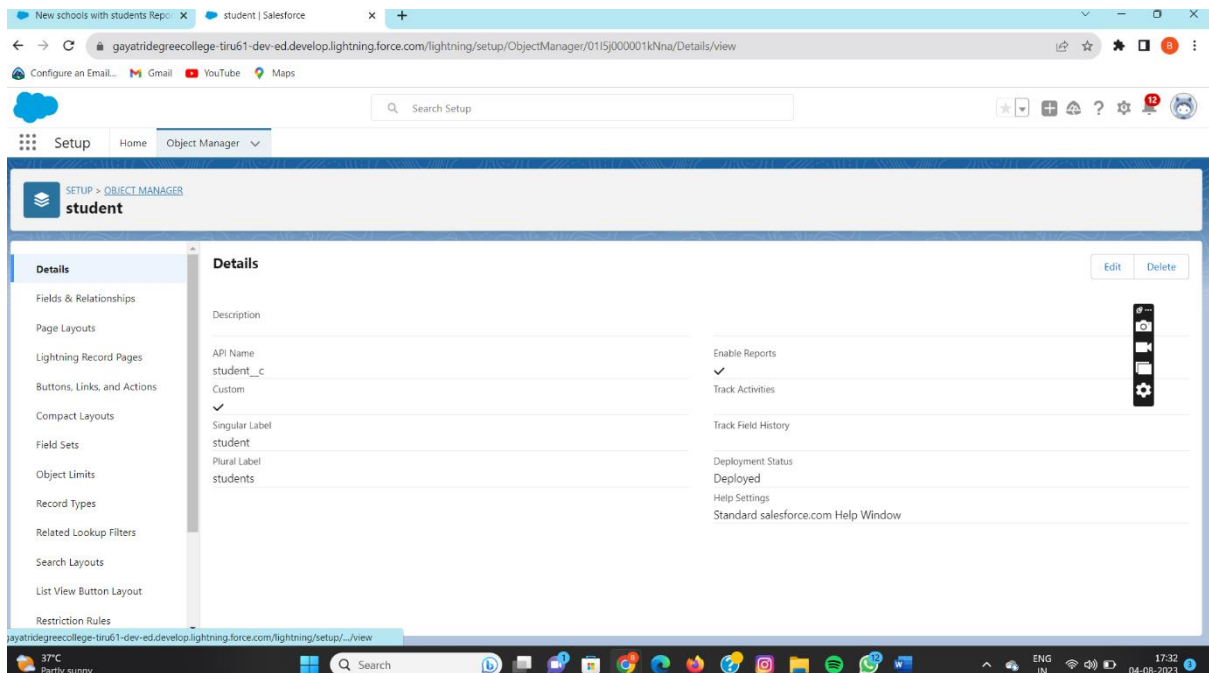
I create first one school



I create second one parents

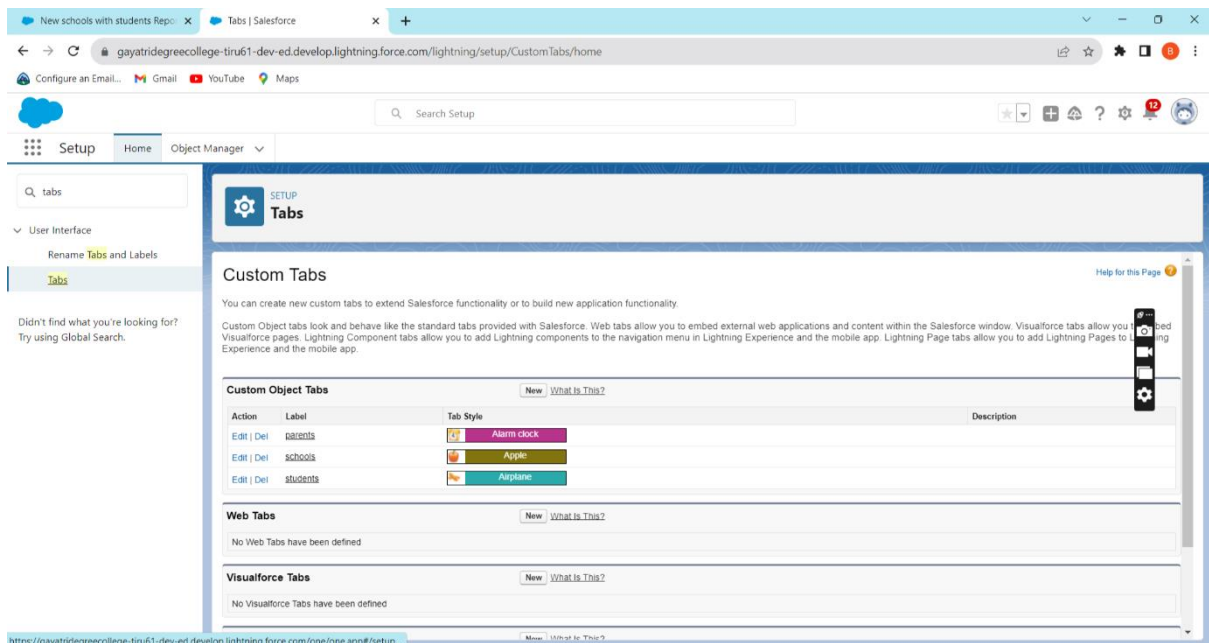


I created third one student



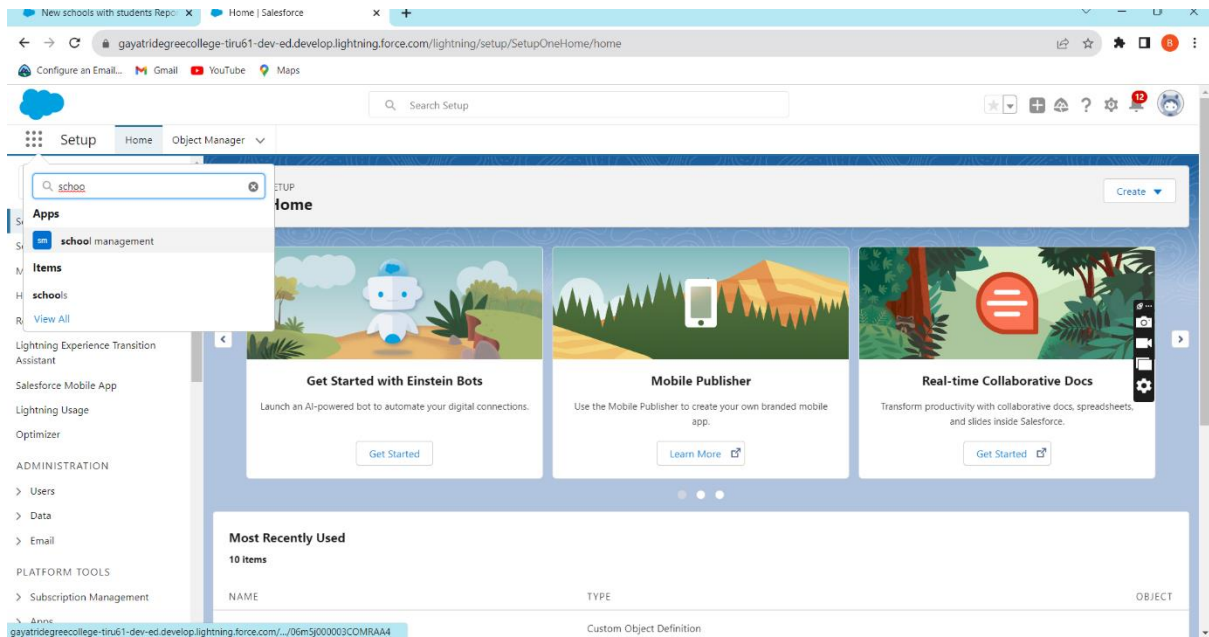
Tabs

In these tabs create three tabs school, parent, student



Lightning App

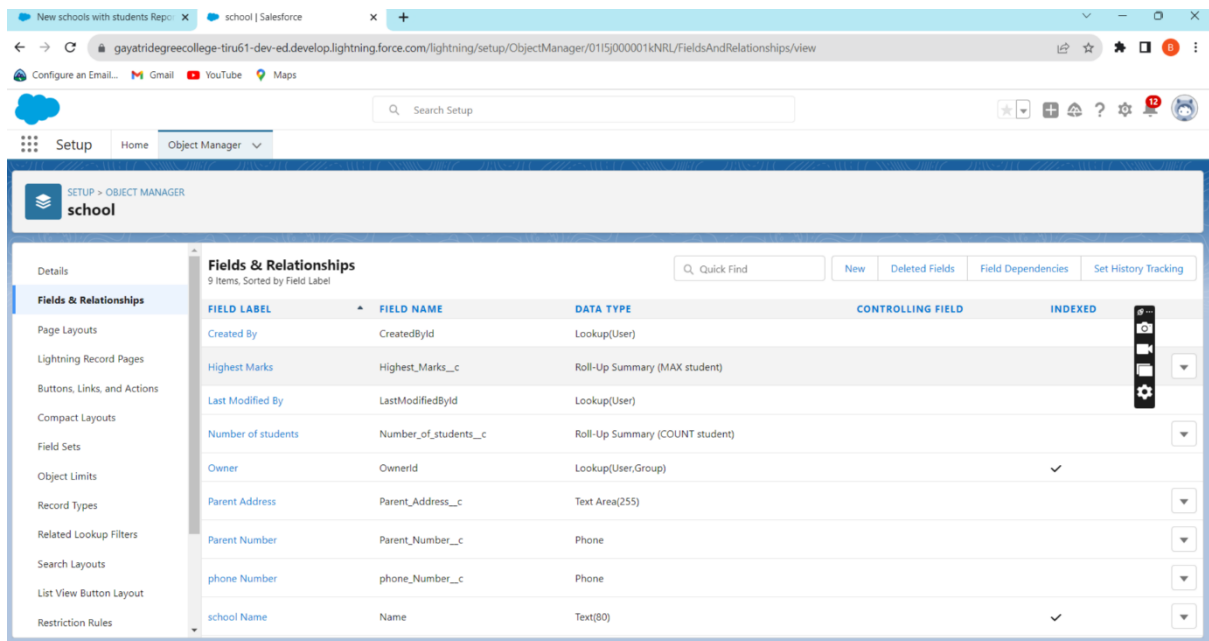
In these lightening app using create the school management app



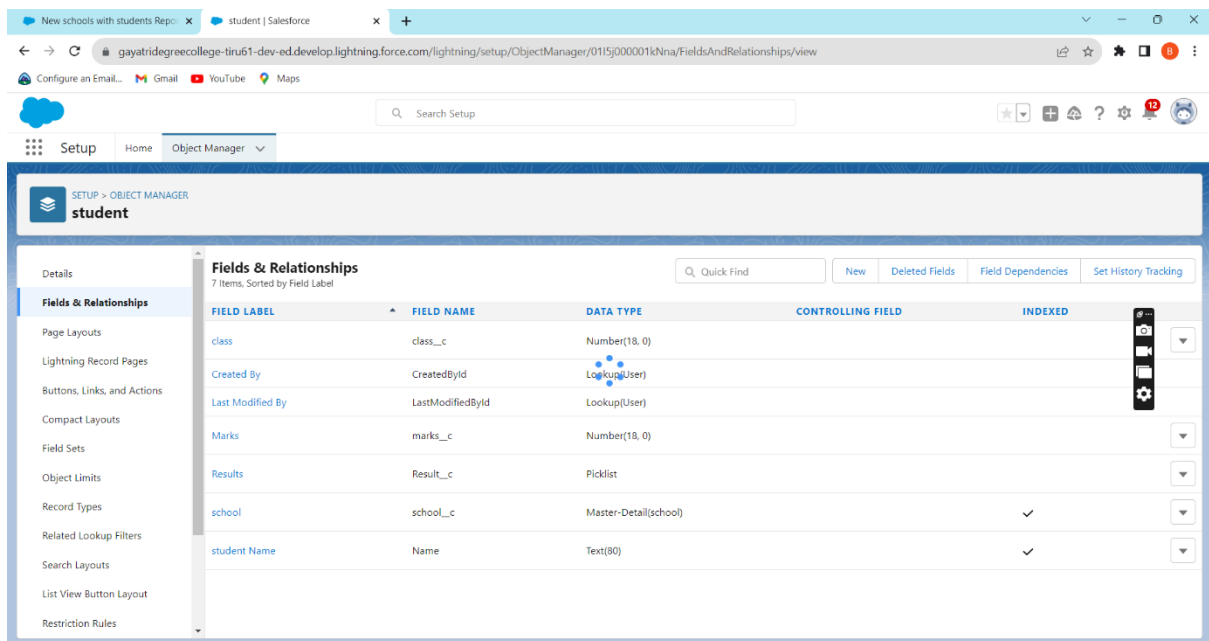
Field And Relationship

In these fields and relationship creation of fields for three objects school, student, parents

In these first one creation for fields the school



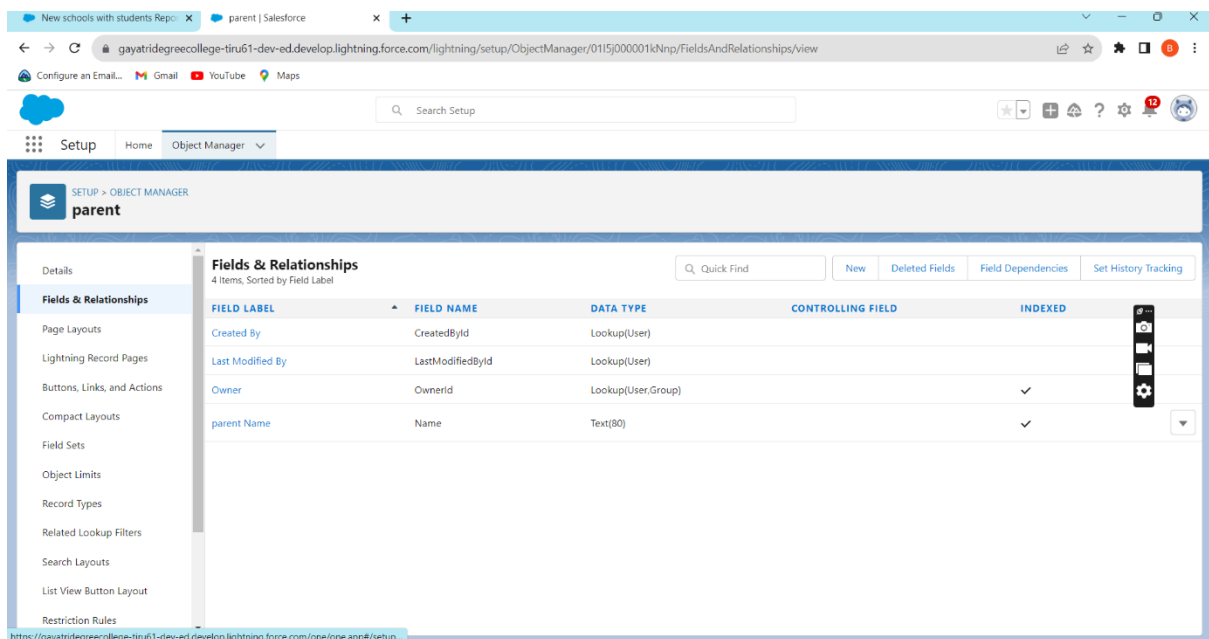
In these second one creation for the student object



The screenshot shows the Salesforce Setup interface for the 'student' 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, and Restriction Rules. The main content area is titled 'Fields & Relationships' and shows a table of 7 items, sorted by Field Label. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: class (class__c, Number(18, 0)), Created By (CreatedBy, Lookup(User)), Last Modified By (LastModifiedBy, Lookup(User)), Marks (marks__c, Number(18, 0)), Results (Result__c, Picklist), school (school__c, Master-Detail(school)), and student Name (Name, Text(80)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
class	class__c	Number(18, 0)		
Created By	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Marks	marks__c	Number(18, 0)		
Results	Result__c	Picklist		
school	school__c	Master-Detail(school)		✓
student Name	Name	Text(80)		✓

In these third one creation for the parent object

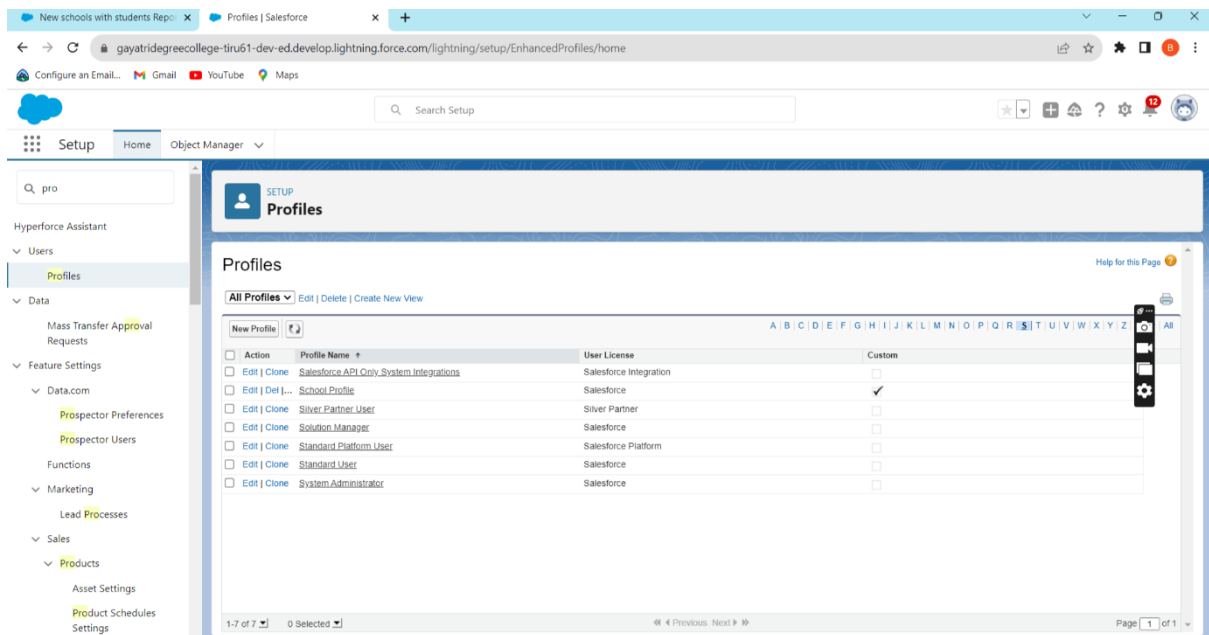


The screenshot shows the Salesforce Setup interface for the 'parent' object. The left sidebar contains a navigation menu with options like Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, and Restriction Rules. The main content area is titled 'Fields & Relationships' and shows a table of 4 items, sorted by Field Label. The fields listed are: Created By (CreatedBy, Lookup(User)), Last Modified By (LastModifiedBy, Lookup(User)), Owner (OwnerId, Lookup(User,Group)), and parent Name (Name, Text(80)).

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)		✓

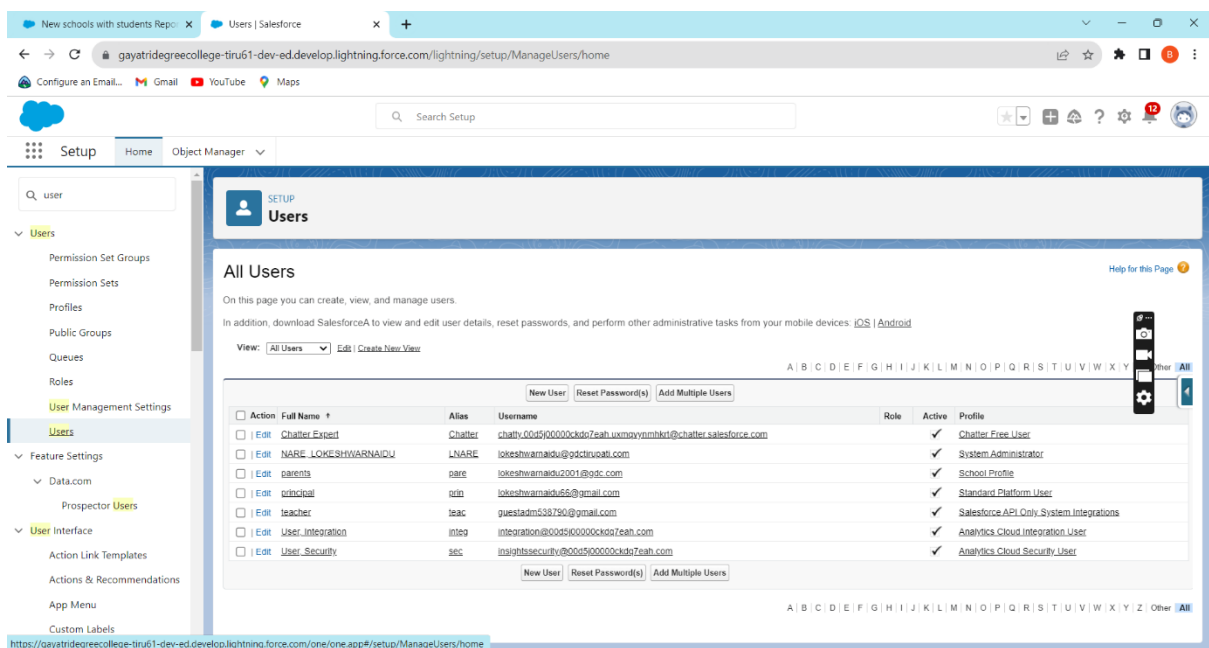
Profile

A profile group icon/ collection of settings and permissions. Create for profile the school profile



Users

An user is creating three user they are: parent, principal, teacher



In users first one is parent

The screenshot shows the Salesforce Setup page for 'All Users'. The left sidebar contains a navigation menu with 'Users' selected. The main content area displays a table of users with the following data:

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	parents	pare	lokeshwamaidu2001@gdc.com		✓	School Profile
<input type="checkbox"/> Edit	principal	prin	lokeshwamaidu6@gmail.com		✓	Standard Platform User

Buttons for 'New User', 'Reset Password(s)', and 'Add Multiple Users' are visible above and below the table.

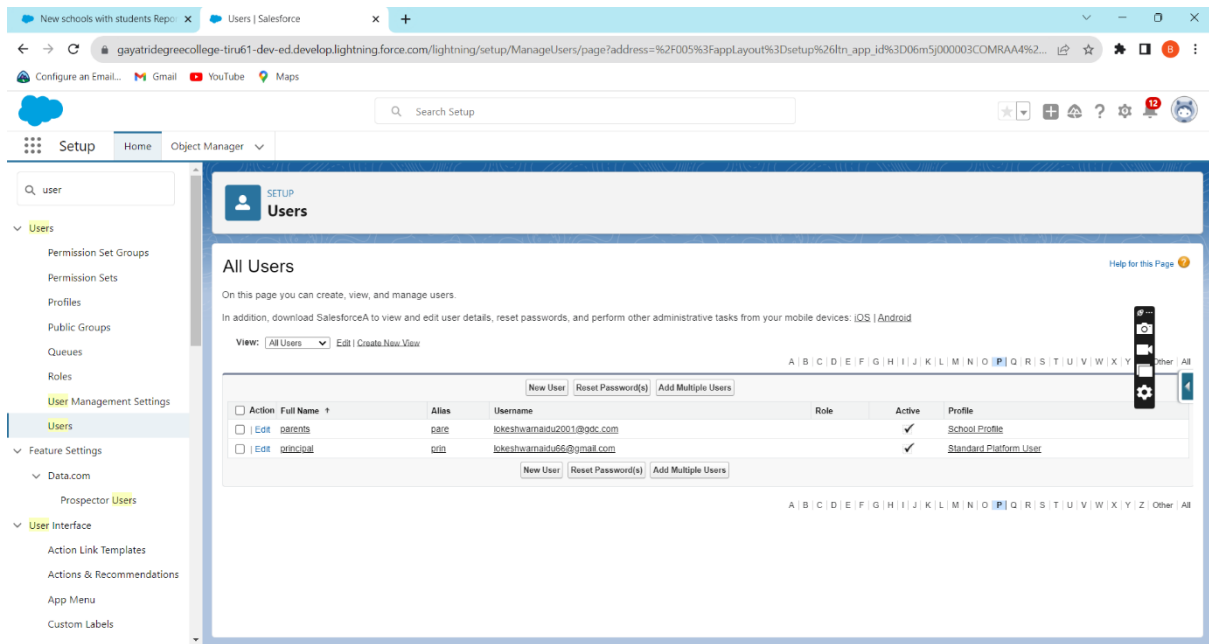
In user second one is teachers

The screenshot shows the Salesforce Setup page for 'All Users'. The left sidebar contains a navigation menu with 'Users' selected. The main content area displays a table of users with the following data:

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	teacher	teac	guestadmi58790@gmail.com		✓	Salesforce API Only System Integrations

Buttons for 'New User', 'Reset Password(s)', and 'Add Multiple Users' are visible above and below the table.

In user third one is principal

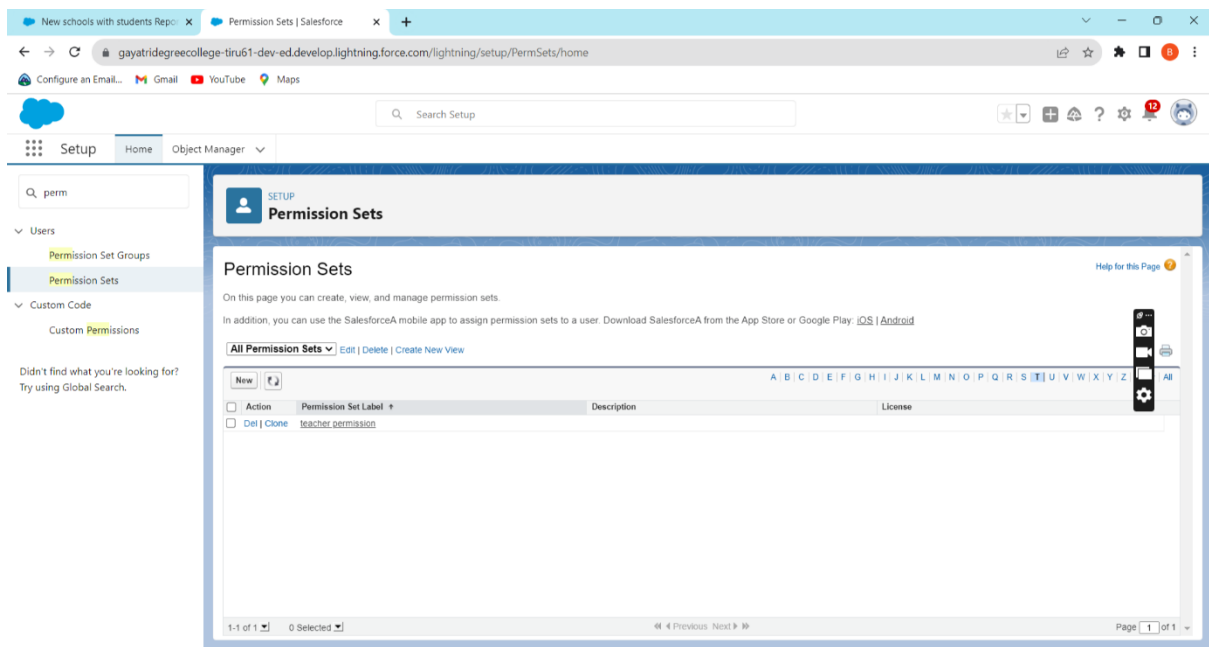


The screenshot shows the Salesforce Setup interface for the 'Users' section. The left sidebar contains a search bar with 'user' and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Users (highlighted), Feature Settings, Data.com, Prospector Users, User Interface, Action Link Templates, Actions & Recommendations, App Menu, and Custom Labels. The main content area is titled 'All Users' and includes a description: 'On this page you can create, view, and manage users. In addition, download SalesforceA to view and edit user details, reset passwords, and perform other administrative tasks from your mobile devices: iOS | Android'. Below this is a table of users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table lists two users: 'parenta' (School Profile) and 'principal' (Standard Platform User). At the bottom of the table, it says '1-1 of 1' and '0 Selected'.

Permission sets

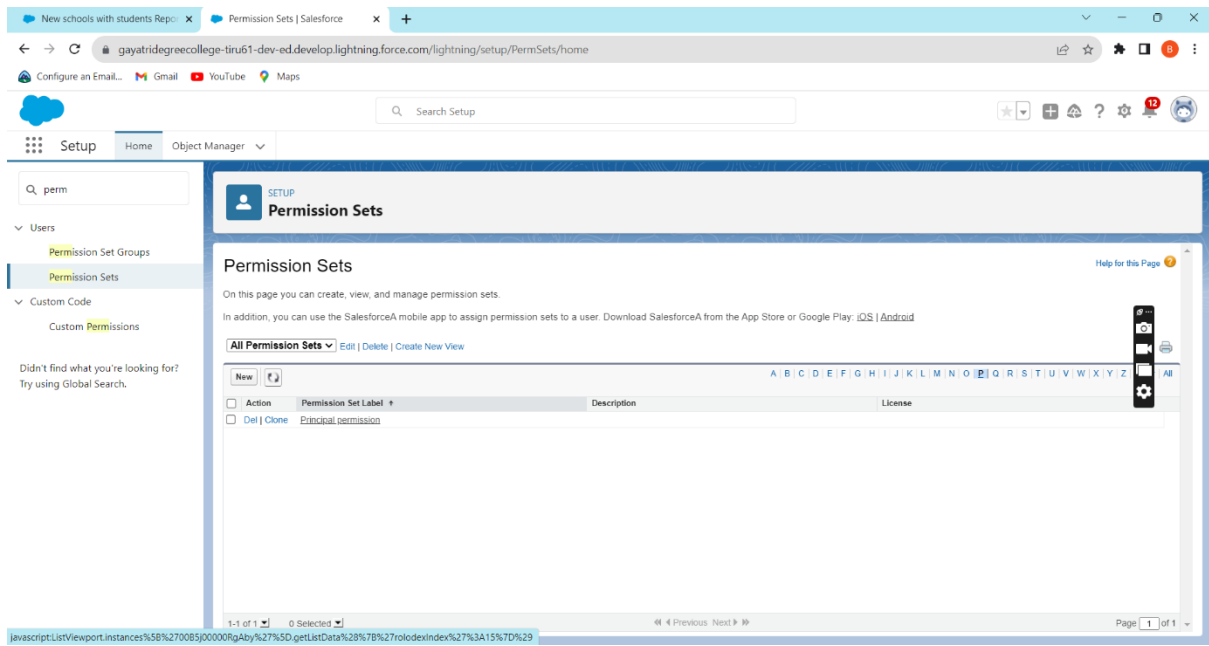
A permission sets is an collection of an setting and permissions they are two types : permissions sets one and permission sets two

1.permission sets one create teacher permission



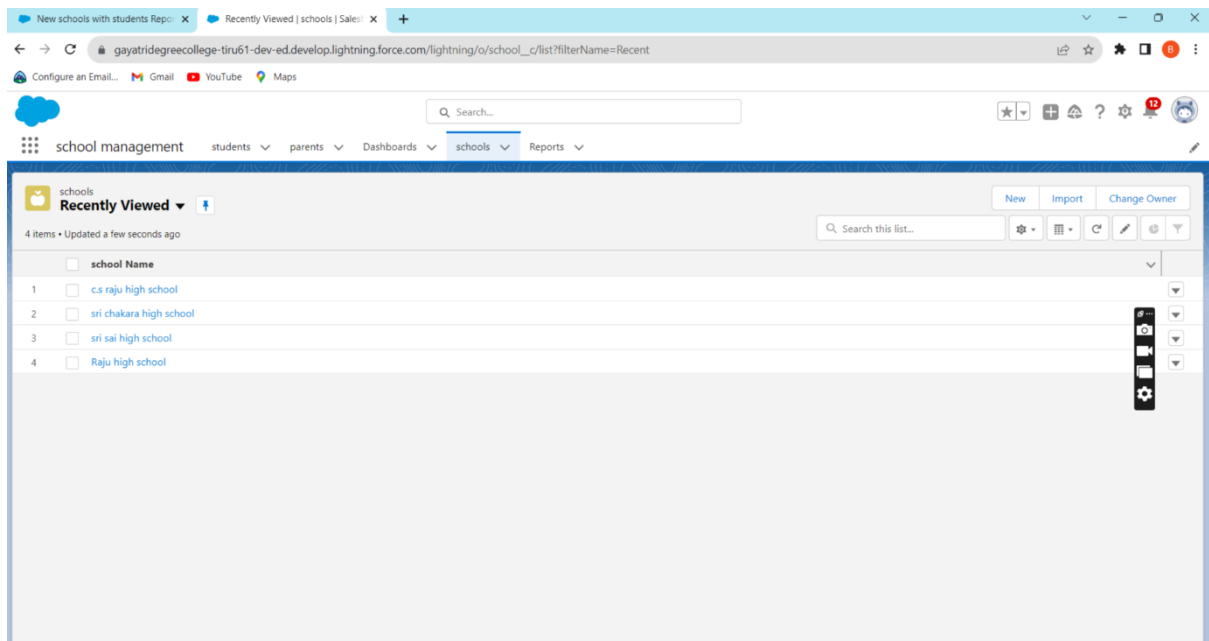
The screenshot shows the Salesforce Setup interface for the 'Permission Sets' section. The left sidebar contains a search bar with 'perm' and a list of navigation items: Users, Permission Set Groups, Permission Sets (highlighted), Custom Code, Custom Permissions, and a message: 'Didn't find what you're looking for? Try using Global Search.' The main content area is titled 'Permission Sets' and includes a description: 'On this page you can create, view, and manage permission sets. In addition, you can use the SalesforceA mobile app to assign permission sets to a user. Download SalesforceA from the App Store or Google Play: iOS | Android'. Below this is a table of permission sets with columns for Action, Permission Set Label, Description, and License. The table lists one permission set: 'teacher.permission'. At the bottom of the table, it says '1-1 of 1' and '0 Selected'.

2.permission sets two create principal permission



User Adoption

In these user adoption they are three types : create report(school),view report(school),Delete report(school)



Reports

Report in salesforce is a list of records that meet a particular criterion which gives an answer to a particular question. These records are

- 1.create report
- 2.view report

