

APPLICATION FOR SCHOOL AND COLLEGE

Submitted Date	12th April 2023
TeamID	NM2023TMID13157
ProjectName	A CRM Application For Schools/Colleges
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1 INTRODUCTION

1.1 Overview

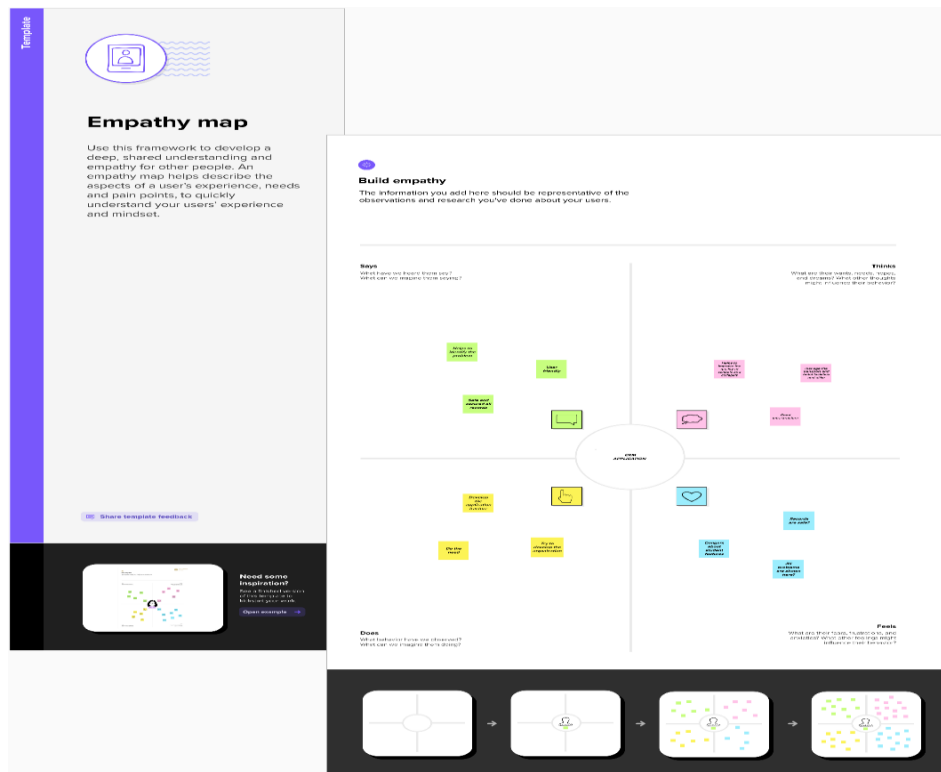
This Project helps you to maintain and manage the school related problems which further can be modified based on the requirements.

1.2 Purpose

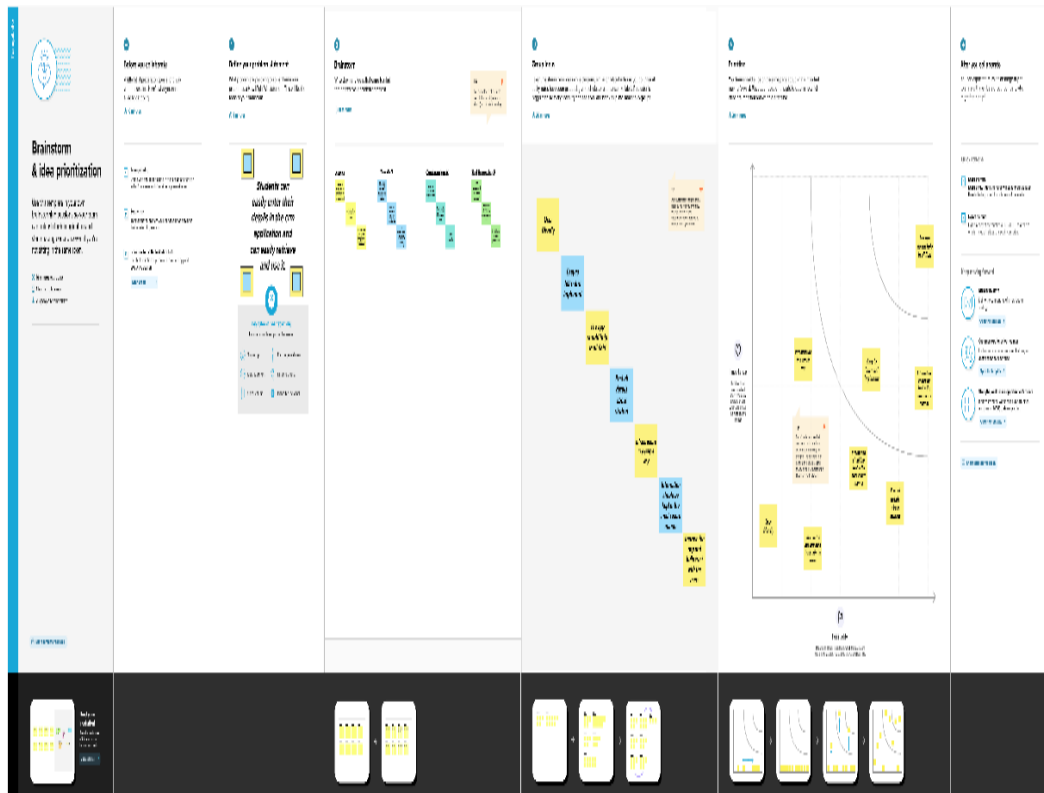
The project aim is to provide real-time knowledge for all the students who have basic knowledge of Salesforce and Looking for a real-time project. This project will also help those professionals who are in cross-technology and want to switch to Salesforce.

2 ProblemDefinition& DesignThinking

2.1 EmpathyMap



2.2 Ideation&BrainstormingMap



3 RESULT

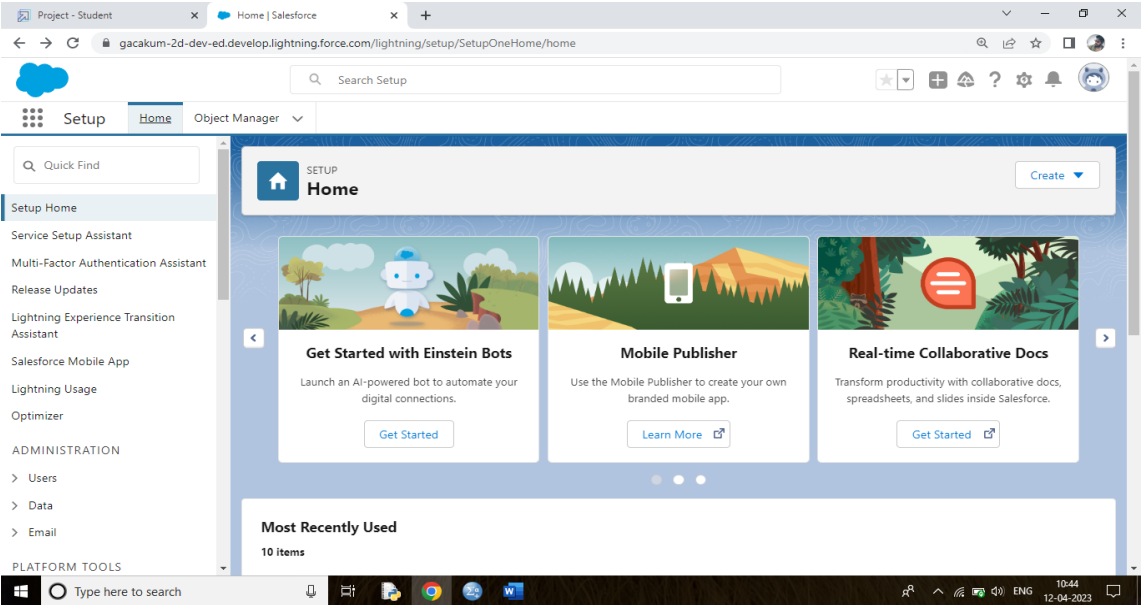
3.1 DataModel:

Objectname	FieldsintheObject																
SCHOOL	<table> <tr> <th>Field label</th><th>Data type</th></tr> <tr> <td>Address</td><td>Text area</td></tr> <tr> <td>District</td><td>Textarea</td></tr> <tr> <td>State</td><td>Textarea</td></tr> <tr> <td>Schoolwebsite</td><td>Textarea</td></tr> <tr> <td>Phone number</td><td>Phone</td></tr> <tr> <td>Numberofstudents</td><td>Lookuprelationship</td></tr> <tr> <td>Highestmark</td><td>Lookuprelationship</td></tr> </table>	Field label	Data type	Address	Text area	District	Textarea	State	Textarea	Schoolwebsite	Textarea	Phone number	Phone	Numberofstudents	Lookuprelationship	Highestmark	Lookuprelationship
Field label	Data type																
Address	Text area																
District	Textarea																
State	Textarea																
Schoolwebsite	Textarea																
Phone number	Phone																
Numberofstudents	Lookuprelationship																
Highestmark	Lookuprelationship																

STUDENT	Field label	Data type
	Results	Picklist
	Class	Number
	Marks	Number
PARENT	Fieldlabel	Data type
	Parentaddress	Textarea
	Parentnumber	Phone

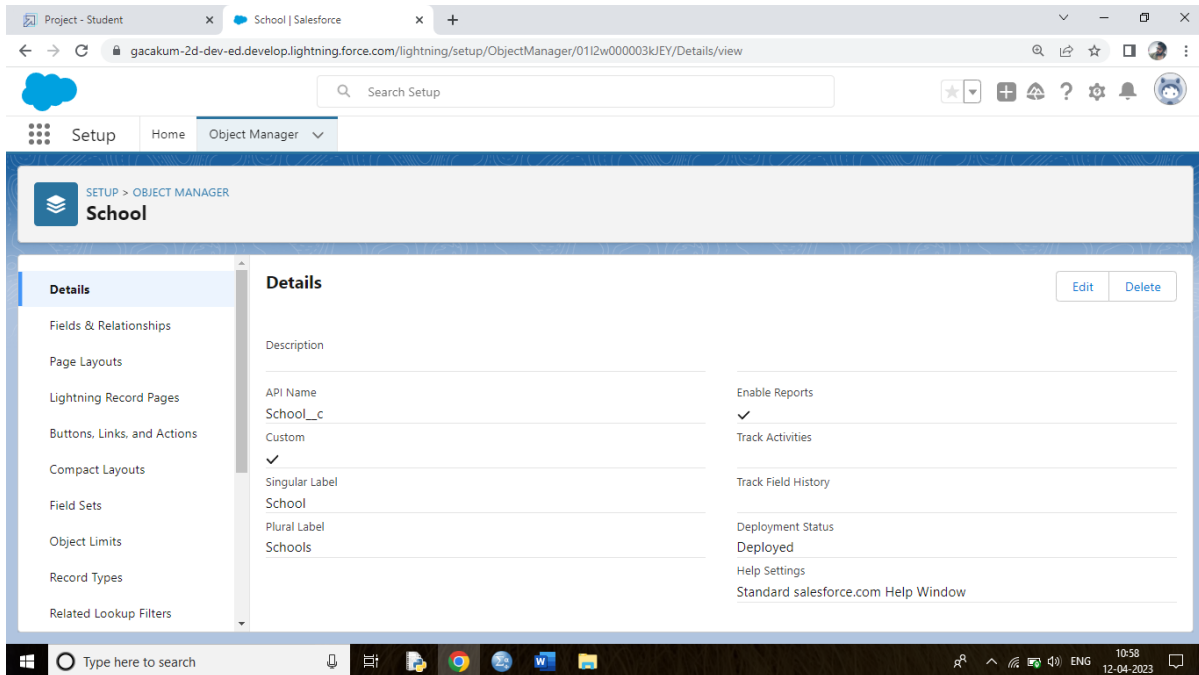
3.2 Activity&Screenshot

Milestone-1:



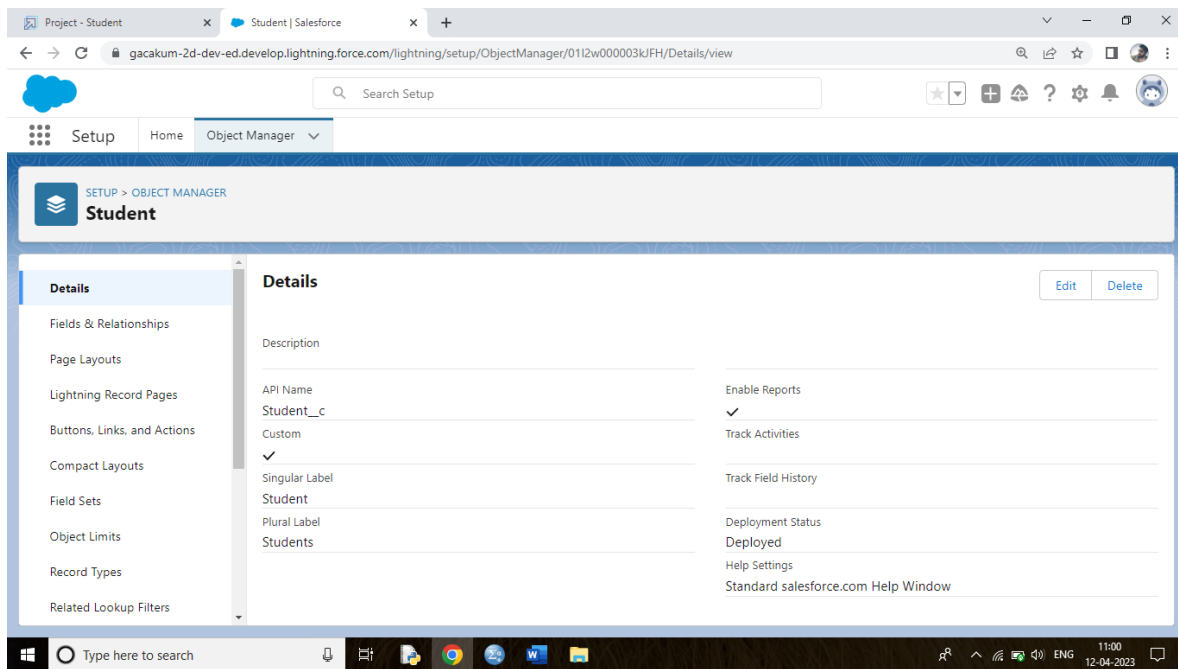
Creation of salesforceaccount

Milestone 2:



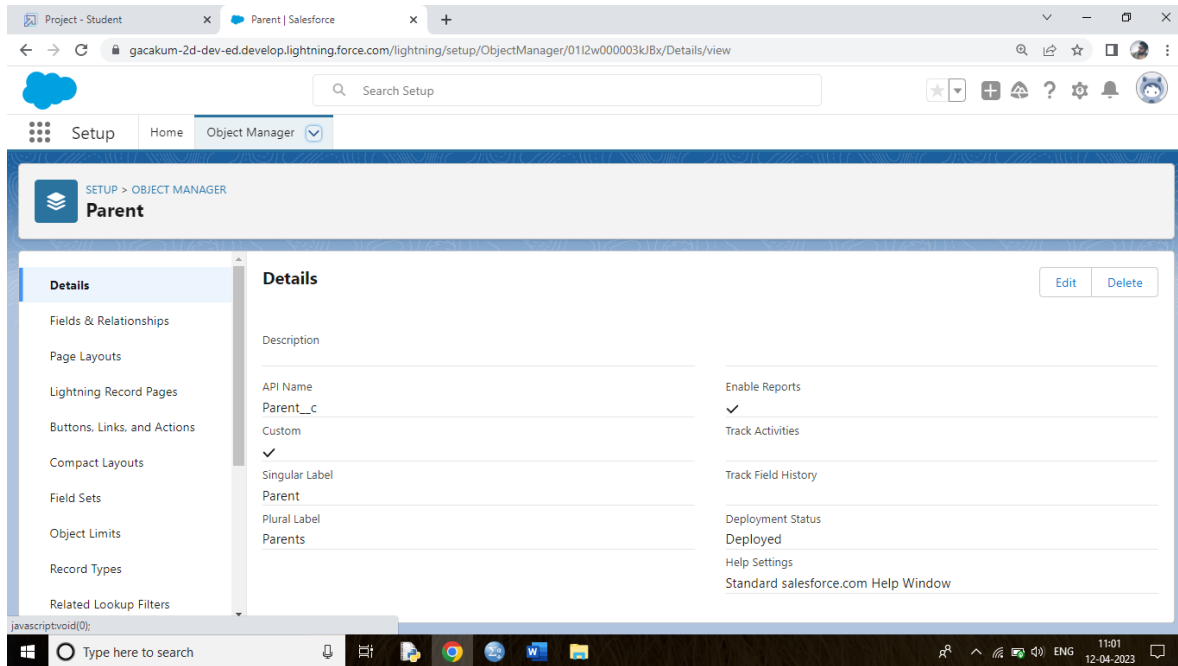
The screenshot shows the Salesforce Object Manager setup page for the 'School' object. The browser tabs include 'Project - Student' and 'School | Salesforce'. The URL is 'gacakum-2d-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003kIEY/Details/view'. The page header shows 'Setup' and 'Object Manager'. The left sidebar lists various setup options, with 'Details' selected. The main content area shows the 'Details' for the 'School' object, including fields like API Name, Singular Label, Plural Label, and various settings like Enable Reports, Track Activities, and Deployment Status.

Field	Value
Description	
API Name	School__c
Custom	✓
Singular Label	School
Plural Label	Schools
Enable Reports	✓
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window



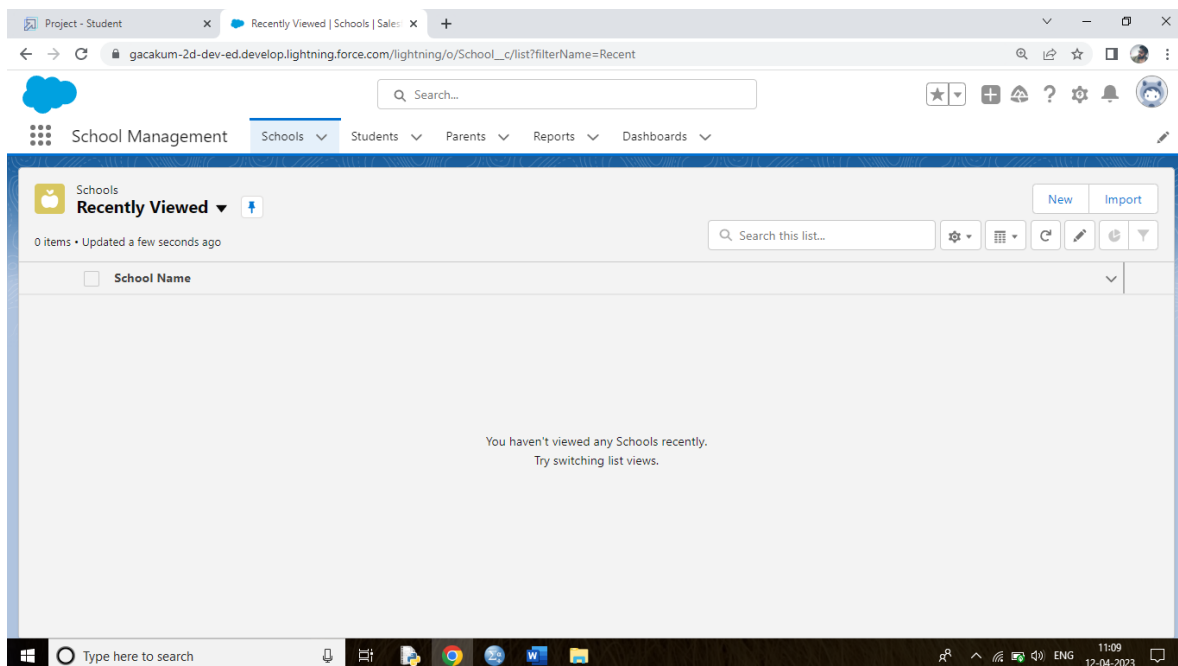
The screenshot shows the Salesforce Object Manager setup page for the 'Student' object. The browser tabs include 'Project - Student' and 'Student | Salesforce'. The URL is 'gacakum-2d-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003kFH/Details/view'. The page header shows 'Setup' and 'Object Manager'. The left sidebar lists various setup options, with 'Details' selected. The main content area shows the 'Details' for the 'Student' object, including fields like API Name, Singular Label, Plural Label, and various settings like Enable Reports, Track Activities, and Deployment Status.

Field	Value
Description	
API Name	Student__c
Custom	✓
Singular Label	Student
Plural Label	Students
Enable Reports	✓
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window



Creation of objects (school,student,parent)

Milestone3:



Creation of lighting app

Milestone 4:

Project - Student x School | Salesforce x +

gacakum-2d-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003kJEY/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
School

Details

Fields & Relationships

11 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
highest mark	highest_mark__c	Lookup(Student)	✓	
Last Modified By	LastModifiedById	Lookup(User)		
number of students	number_of_students__c	Lookup(Student)	✓	
number of students	school__c	Master-Detail(Student)	✓	
Phone number	P__c	Text Area(255)		
School Name	Name	Text(80)	✓	
School Website	School_Website__c	Text Area(255)		

Type here to search

11:19 12-04-2023

Project - Student x Parent | Salesforce x +

gacakum-2d-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003kJBx/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
Parent

Details

Fields & Relationships

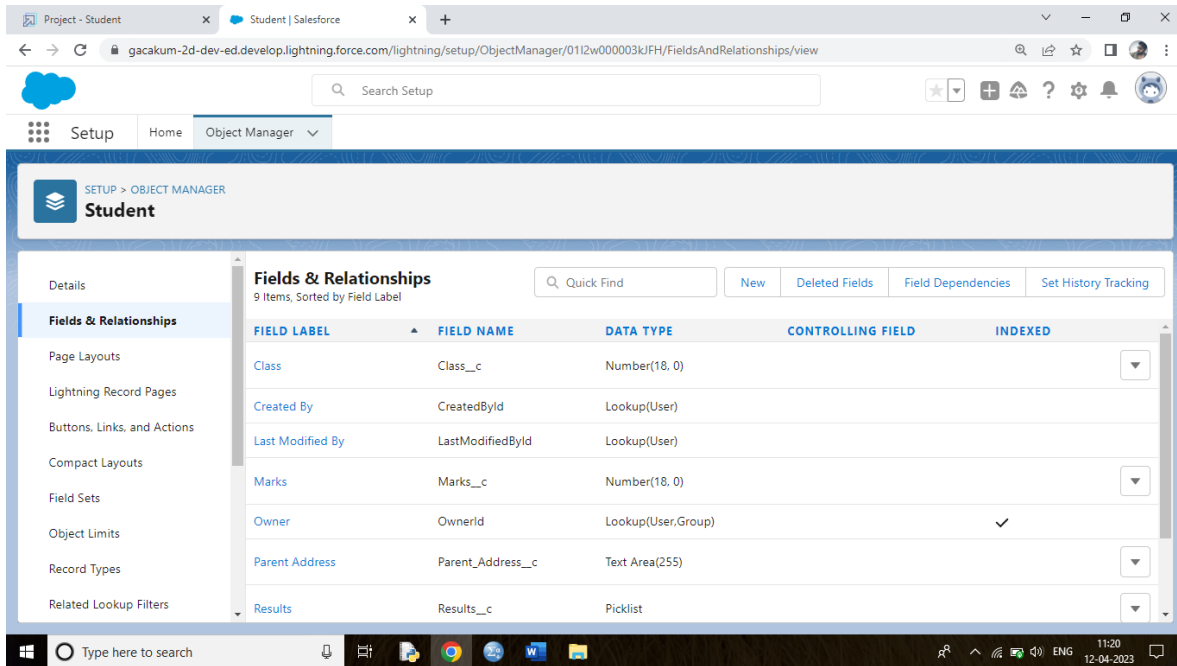
6 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

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)		✓
Parent adress	Parent_adress__c	Text Area(255)		
Parent Name	Name	Text(80)		✓
Parent number	Parent_number__c	Number(18, 0)		

Type here to search

11:21 12-04-2023

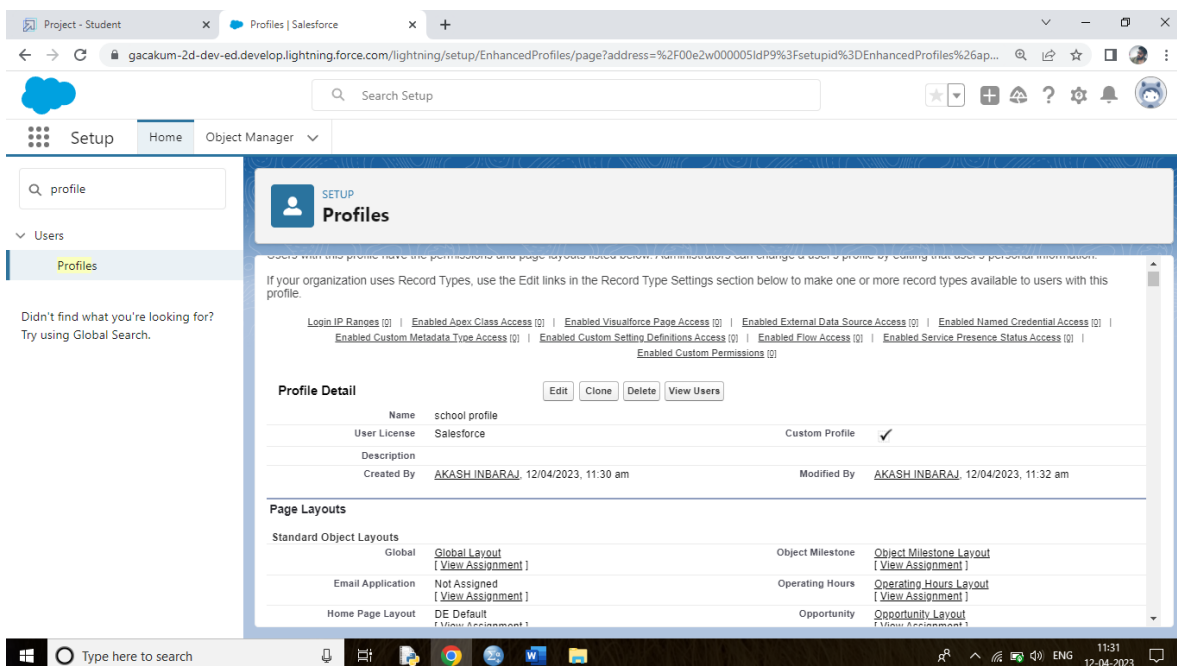


The screenshot shows the Salesforce Setup interface for the 'Student' object. The 'Fields & Relationships' section is active, displaying a list of 9 fields. The fields are sorted by Field Label. The table below represents the data shown in the screenshot:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Class	Class__c	Number(18, 0)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Marks	Marks__c	Number(18, 0)		
Owner	OwnerId	Lookup(User.Group)		✓
Parent Address	Parent_Address__c	Text Area(255)		
Results	Results__c	Picklist		

Creation of fields (school,student,parent)

Milestone 5:



The screenshot shows the Salesforce Setup interface for the 'Profiles' section. The 'school profile' is selected. The 'Profile Detail' section shows the following information:

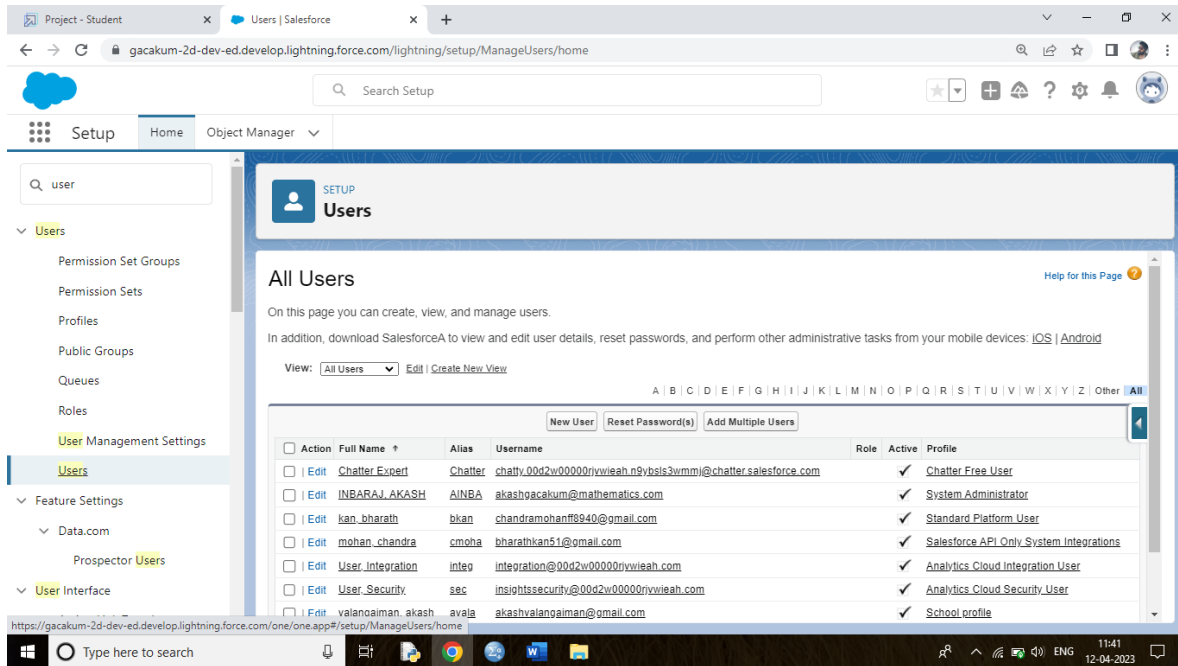
Field	Value
Name	school profile
User License	Salesforce
Description	
Created By	AKASH INBARAJ
Created Date	12/04/2023, 11:30 am
Modified By	AKASH INBARAJ
Modified Date	12/04/2023, 11:32 am

The 'Page Layouts' section shows the following assignments:

Page Layout	Assignment
Global	Global Layout [View Assignment]
Email Application	Not Assigned [View Assignment]
Home Page Layout	DE Default [View Assignment]
Object Milestone	Object Milestone Layout [View Assignment]
Operating Hours	Operating Hours Layout [View Assignment]
Opportunity	Opportunity Layout [View Assignment]

Creation of profile(school)

Milestone 6:

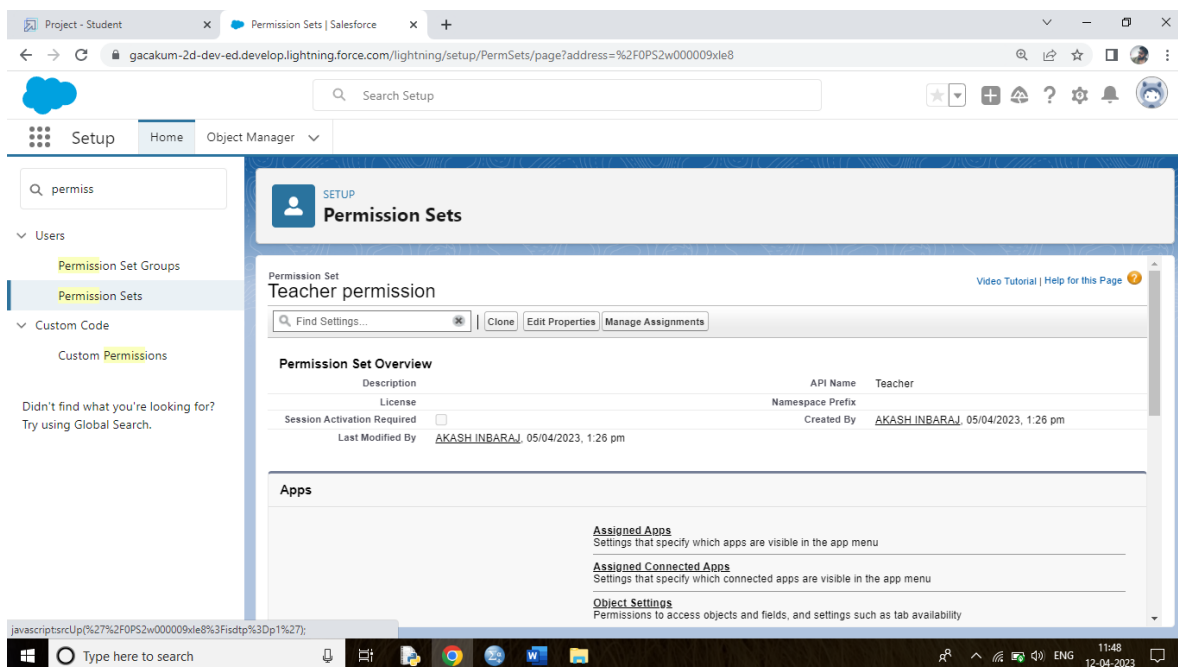


The screenshot shows the Salesforce Setup interface for managing users. The left sidebar contains a navigation menu with options like 'user', 'Users', 'Permission Set Groups', 'Permission Sets', 'Profiles', 'Public Groups', 'Queues', 'Roles', 'User Management Settings', 'Users', 'Feature Settings', 'Data.com', 'Prospector Users', and 'User Interface'. The main content area is titled 'SETUP Users' and 'All Users'. It provides instructions on how to create, view, and manage users, and offers links for downloading SalesforceA. Below this, there is a table listing existing users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table includes users like 'Chatter Expert', 'INBARAJ AKASH', 'kan_bharath', 'mohan_chandra', 'User Integration', 'User Security', and 'valanoaiman_akash'.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatter_00d2w00000rvwieah.ngvbsis3wmmi@chatter.salesforce.com	Chatter Free User	✓	Chatter Free User
<input type="checkbox"/> Edit	INBARAJ AKASH	AINBA	akash@gacakum@mathematics.com	System Administrator	✓	System Administrator
<input type="checkbox"/> Edit	kan_bharath	bkan	chandramohanf6940@gmail.com	Standard Platform User	✓	Standard Platform User
<input type="checkbox"/> Edit	mohan_chandra	cmoha	bharathkan51@gmail.com	Salesforce API Only System Integrations	✓	Salesforce API Only System Integrations
<input type="checkbox"/> Edit	User Integration	intep	integration@00d2w00000rvwieah.com	Analytics Cloud Integration User	✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	insightssecurity@00d2w00000rvwieah.com	Analytics Cloud Security User	✓	Analytics Cloud Security User
<input type="checkbox"/> Edit	valanoaiman_akash	avala	akashvalanoaiman@gmail.com	School profile	✓	School profile

Creation of user

Milestone 7:

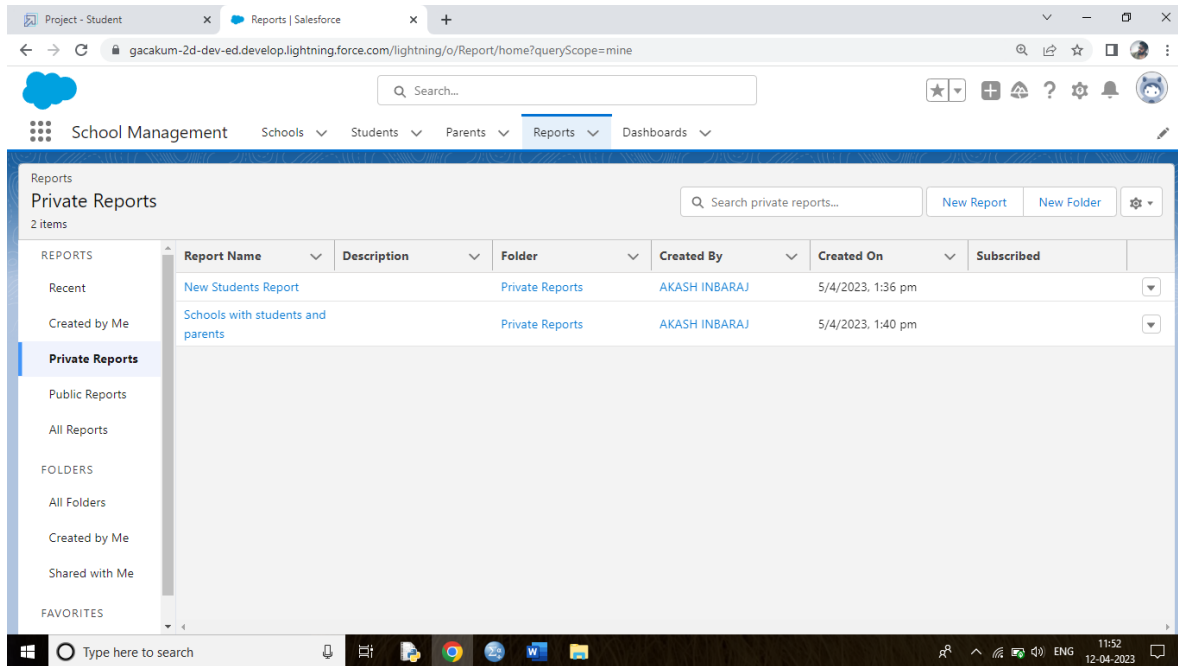


The screenshot shows the Salesforce Setup interface for managing permission sets. The left sidebar contains a navigation menu with options like 'permission', 'Users', 'Permission Set Groups', 'Permission Sets', 'Custom Code', and 'Custom Permissions'. The main content area is titled 'SETUP Permission Sets' and 'Teacher permission'. It provides instructions on how to create, view, and manage permission sets, and offers links for downloading SalesforceA. Below this, there is a table listing existing permission sets with columns for Description, License, API Name, Namespace Prefix, Session Activation Required, Last Modified By, and Created By. The table includes a permission set named 'Teacher permission'.

Description	License	API Name	Namespace Prefix	Session Activation Required	Last Modified By	Created By
Teacher permission		Teacher	AKASH INBARAJ	<input type="checkbox"/>	AKASH INBARAJ 05/04/2023, 1:26 pm	AKASH INBARAJ 05/04/2023, 1:26 pm

Creation of permission sets(teacher permissions)

Milestone 8:



Creation of reports(school with student)

4 TrailheadProfilePublicURL

Team Lead - <http://trailblazer.me/id/pravi479>

TeamMember1-

<https://trailblazer.me/id/sgovindharajan1>

Team Member 2 –

<https://trailblazer.me/id/kkeerthika3>

TeamMember3–

<https://trailblazer.me/id/mmuthusri>

5 ADVANTAGES&DISADVANTAGE

- *Less expense for creating this app.
- *All records are protected due to robust infrastructure.
- *All records can be retrieved easily.
- *Records can be easily entered and used easily when need.
- *It is not a popular in all countries.

6 APPLICATIONS

- *Mostly it is used for a school and collages.
- *This app is used to store details about student.

7 **CONCLUSION**

*To enhance the efficiency of the app

8 **FUTURESCOPE**

In the future everything will be computerized. Then this platform and this application will be needed.