

NAAN MUDHALVAN

SALESFORCE PROJECT REPORT

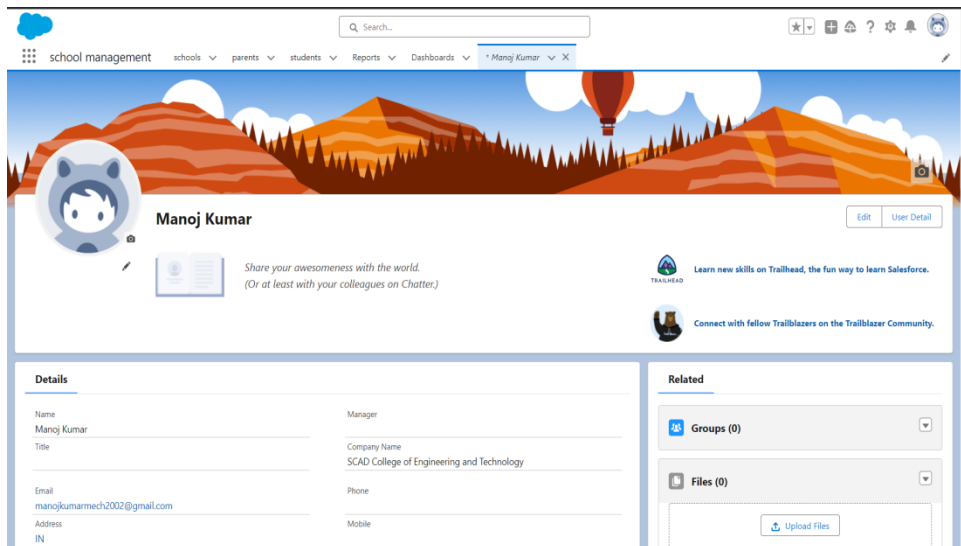
COLLEGE: **SCAD COLLEGE OF ENGINEERING AND TECHNOLOGY**

TITTLE: **Creation of an Application for school Management**

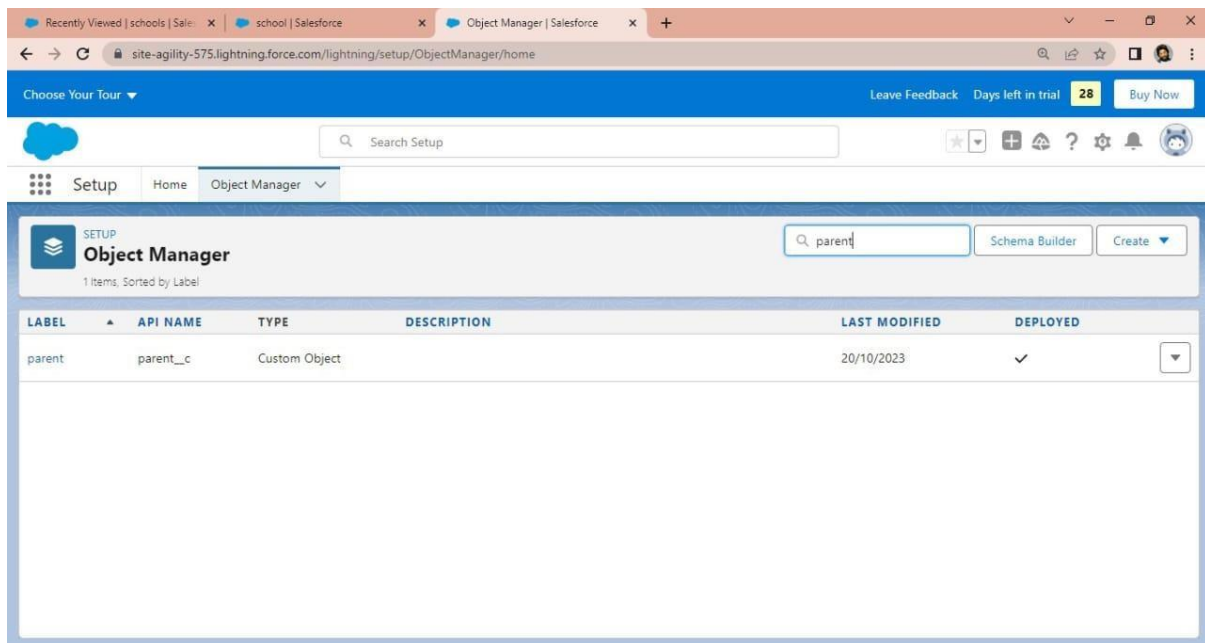
BATCH-3

NAME	NM ID	REG NO
KALYANASUNDARAM K	08ADB9B955761179260436B561817A86	952820114375
MANOJ KUMAR K	333BF561784EDD79E2C4921FD3DAB0F6	952820114383
MOHAMMED KASIM A	17EA3F87ED14D7590F642C950C685F3D	952820114391
ASWIN A	06DFBF06A502069933D4EB1C85AC70BC	952820114399
VIKRAM M	3E134DF53FD58DCB34D44592A7075E25	952820114575

Step-1 :Create a Salesforce Account



Step-2: Create the Object (School,Student,Parent)



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SETUP
Object Manager
1 items, Sorted by Label

school school_c Custom Object 20/10/2023 ✓

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
school	school_c	Custom Object		20/10/2023	✓

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SETUP
Object Manager
1 items, Sorted by Label

student student_c Custom Object 20/10/2023 ✓

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
student	student_c	Custom Object		20/10/2023	✓

Step 3 : Create Fields for respective objects(School , Student , Parents)

The screenshot shows the Salesforce Setup interface for the 'student' object. The 'Fields & Relationships' section is active, displaying a table of 9 fields. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are Class, Created By, Email, Last Modified By, Marks, Phone Number, Results, school, and student Name.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Class	Class__c	Number(18, 0)		
Created By	CreatedById	Lookup(User)		
Email	Email__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Marks	Marks__c	Number(18, 0)		
Phone Number	Phone_Number__c	Phone		
Results	Results__c	Picklist		
school	school__c	Master-Detail(school)		✓
student Name	Name	Text(80)		✓

The screenshot shows the Salesforce Setup interface for the 'parent' object. The 'Fields & Relationships' section is active, displaying a table of 6 fields. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are Created By, Last Modified By, Owner, Parent Address, parent Name, and Parent Number.

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 Address	Parent_Address__c	Text Area(255)		
parent Name	Name	Text(80)		✓
Parent Number	Parent_Number__c	Phone		

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Setup Home Object Manager ▾

SETUP > OBJECT MANAGER school

Details

Fields & Relationships
11 Items, Sorted by Field Label

Q 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)		
District	District__c	Text Area(255)		
Highest Marks	Highest_Marks__c	Roll-Up Summary (MAX student)		
Last Modified By	LastModifiedById	Lookup(User)		
Number of Student	Number_of_Student__c	Roll-Up Summary (COUNT student)		
Owner	OwnerId	Lookup(User,Group)		✓
Phone Number	Phone_Number__c	Phone		
school Name	Name	Text(80)		✓

90°F Haze Search ENG IN 5:17 PM 10/20/2023

New parent | Salesforce

site-agility-575.lightning.force.com/lightning/o/parent__c/new?count=2&nooverride=1&useRecordTypeCheck=1&navigationLocation=LIST_VIEW&uid=1...

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school management schools ▾ students ▾ parents ▾ Reports ▾ Dashboards ▾

parents

Recently Viewed
0 items • Sorted by parent Name ▾

parent Name ▾

New parent

* = Required Information

Information

* parent Name Owner Lawrance Victor

Parent Address

Parent Number

Cancel Save & New Save

New student | Salesforce

site-agility-575.lightning.force.com/lightning/o/student_c/new?count=5&nooverride=1&useRecordTypeCheck=1&navigationLocation=LIST_VIEW&uid=...

Choose Your Tour

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New student

* = Required Information

Information

*student Name

Phone Number

Email

*school

Results:

Class

Marks

Cancel Save & New Save

New school | Salesforce

site-agility-575.lightning.force.com/lightning/o/school_c/new?count=4&nooverride=1&useRecordTypeCheck=1&navigationLocation=LIST_VIEW&uid=1...

Choose Your Tour

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New school

* = Required Information

Information

*school Name


Address

District

State

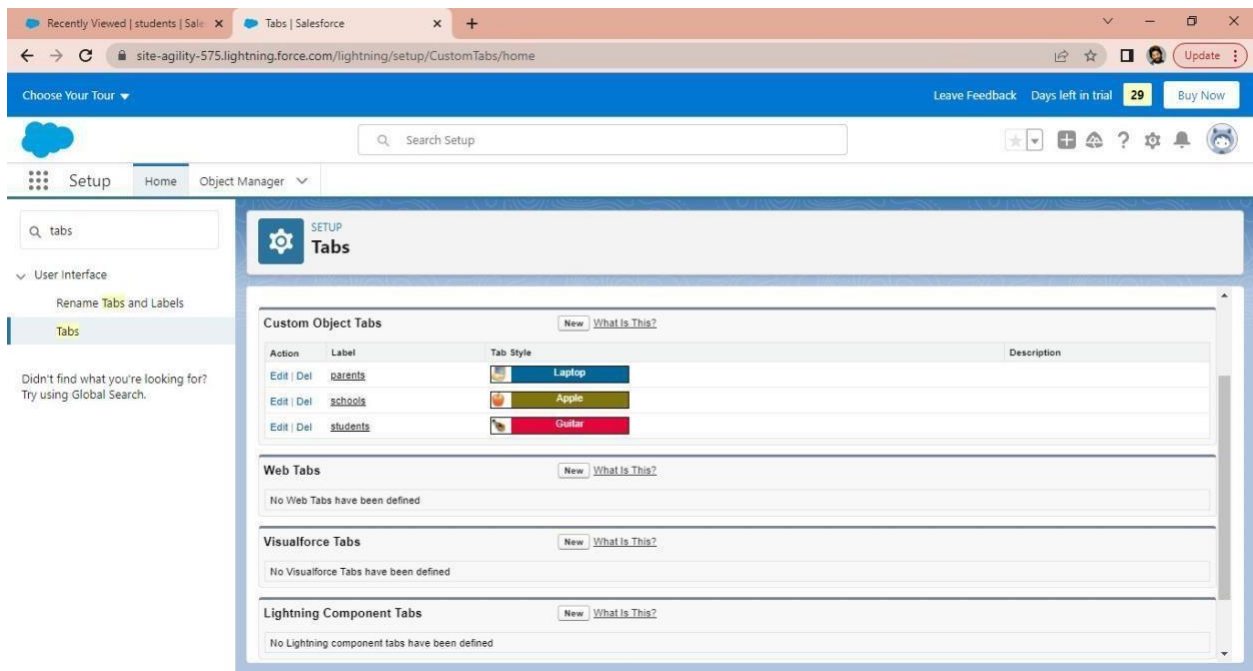
Phone Number

School Website

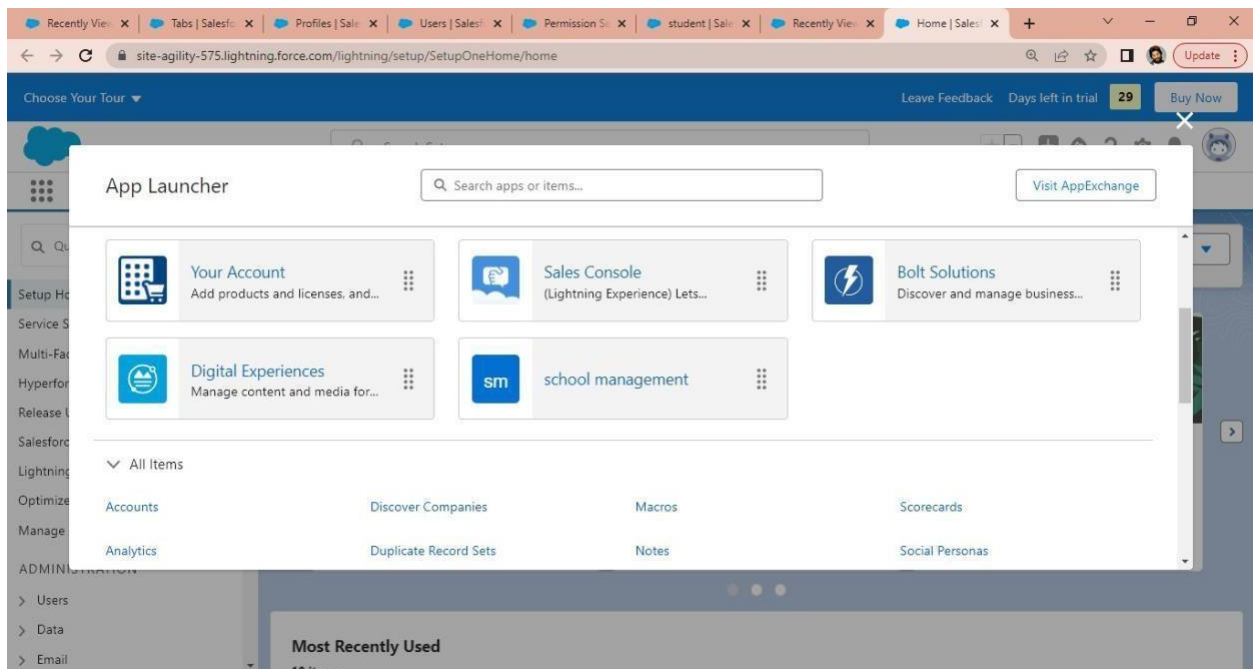
Owner  Lawrance Victor

Cancel Save & New Save

Step 4 : Create the Tabs for each object(School, student, Parent)



Step 5 : Create a Lightning App



Step 6 : Create the School Profile

The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with 'profile' entered and a list of options including 'Users' and 'Profiles'. The main content area is titled 'SETUP Profiles' and shows the 'School profile' configuration. The profile details include:

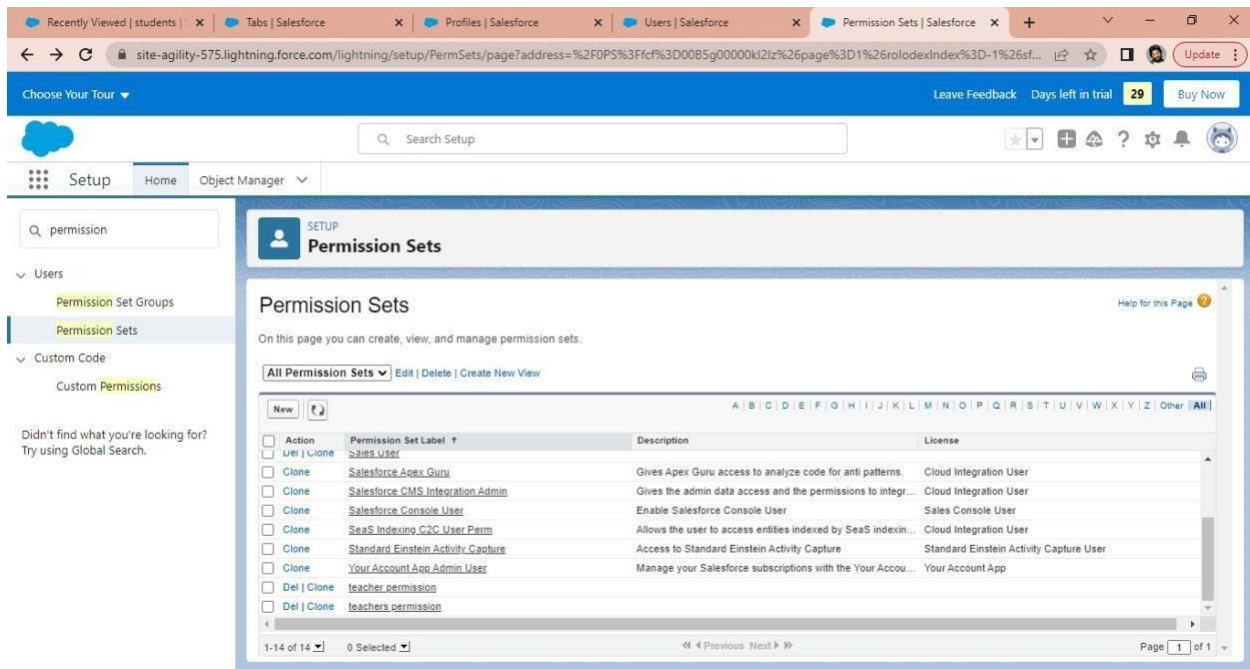
- Name: School profile
- User License: Chatter Free
- Description: (empty)
- Created By: Laurance Victor, 20/10/2023, 2:31 pm
- Modified By: Laurance Victor, 20/10/2023, 2:31 pm
- Custom Profile: ☒
- Connected App Access: CPQ Integration User Connected App ☐
- Service Provider Access: (empty)
- Administrative Permissions: (empty)

Step 7 : Create the users(Teacher , Parent , Principal)

The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with 'users' entered and a list of options including 'Permission Set Groups', 'Permission Sets', 'Profiles', 'Public Groups', 'Queues', 'Roles', and 'User Management Settings'. The main content area is titled 'SETUP Users' and shows the 'All Users' list. The list includes the following users:

Action	Full Name	Alias	Username	Last Login	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatter_00d59000000kmbieal.ktt4oh3iq@chatter.salesforce.com			<input type="checkbox"/>	Chatter Free User
<input type="checkbox"/> Edit	Parent	pare	laurancein72@gmail.com	20/10/2023, 3:00 pm		<input checked="" type="checkbox"/>	Standard User
<input type="checkbox"/> Edit	Principal	prin	khore@gmail.com			<input checked="" type="checkbox"/>	Standard User
<input type="checkbox"/> Edit	Sponsor Exec	escon	esconspcon.d4mfunnvpo49.mblvyxusik0.holucavuewdu@example.com			<input type="checkbox"/>	End User
<input type="checkbox"/> Edit	Teachers	teac	mmorince4508@gmail.com			<input type="checkbox"/>	Standard User
<input type="checkbox"/> Edit	Victor Laurance	LVict	laurancein72-136j@force.com	20/10/2023, 7:09 pm		<input checked="" type="checkbox"/>	System Administrator

Step 8 : Create the Permission Set for the User's

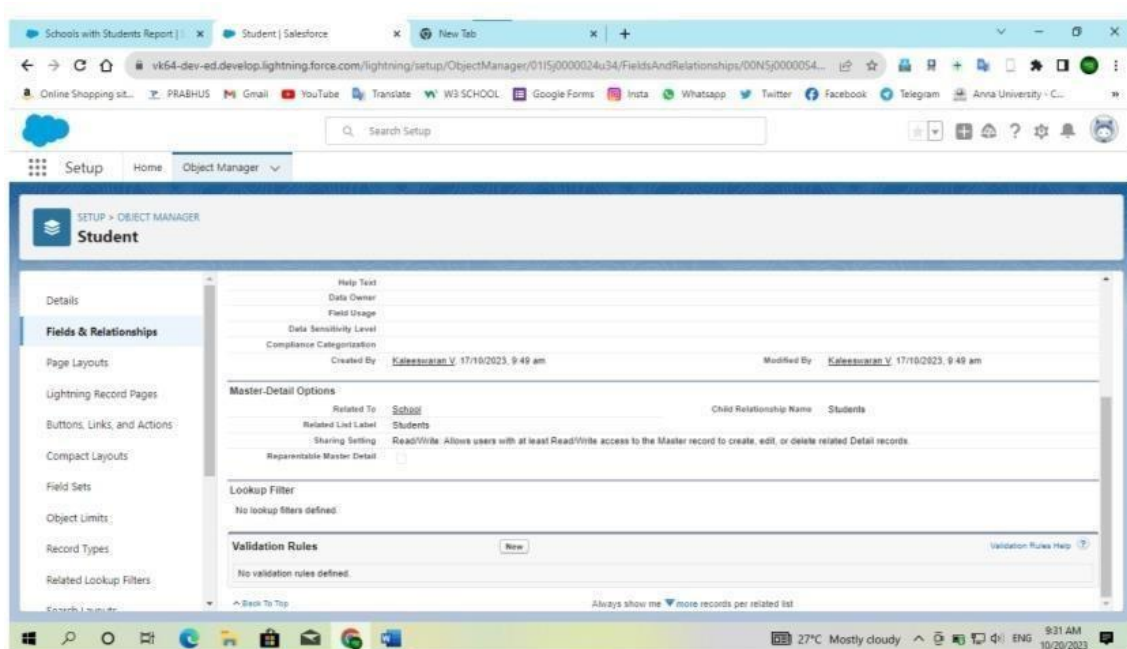


The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with "permission" entered. Under the "Users" section, "Permission Set Groups" and "Permission Sets" are visible. The main content area is titled "Permission Sets" and includes a sub-header "On this page you can create, view, and manage permission sets." Below this is a table of "All Permission Sets".

Action	Permission Set Label	Description	License
<input type="checkbox"/> New	Sales User		
<input type="checkbox"/> Clone	Salesforce Apex Guru	Gives Apex Guru access to analyze code for anti patterns	Cloud Integration User
<input type="checkbox"/> Clone	Salesforce CMS Integration Admin	Gives the admin data access and the permissions to integr...	Cloud Integration User
<input type="checkbox"/> Clone	Salesforce Console User	Enable Salesforce Console User	Sales Console User
<input type="checkbox"/> Clone	SeaS Indexing C2C User Perm	Allows the user to access entities indexed by SeaS indexin...	Cloud Integration User
<input type="checkbox"/> Clone	Standard Einstein Activity Capture	Access to Standard Einstein Activity Capture	Standard Einstein Activity Capture User
<input type="checkbox"/> Clone	Your Account App Admin User	Manage your Salesforce subscriptions with the Your Accou...	Your Account App
<input type="checkbox"/> Del Clone	teacher_permission		
<input type="checkbox"/> Del Clone	teachers_permission		

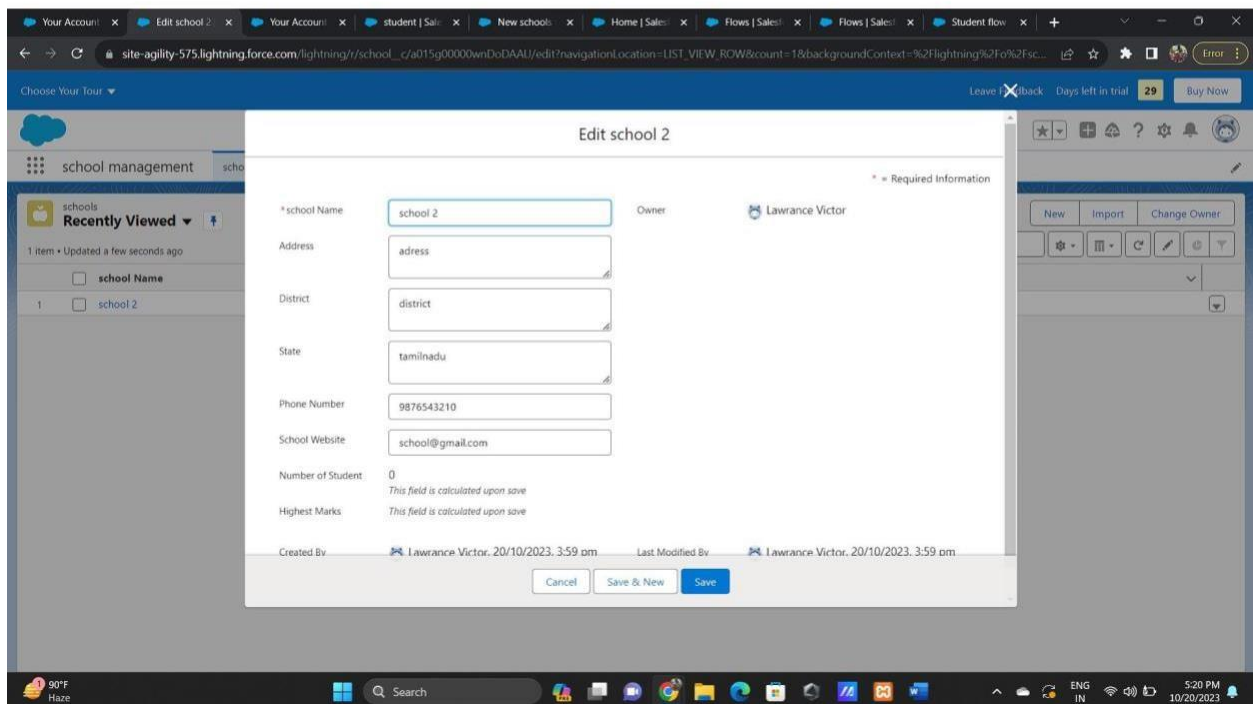
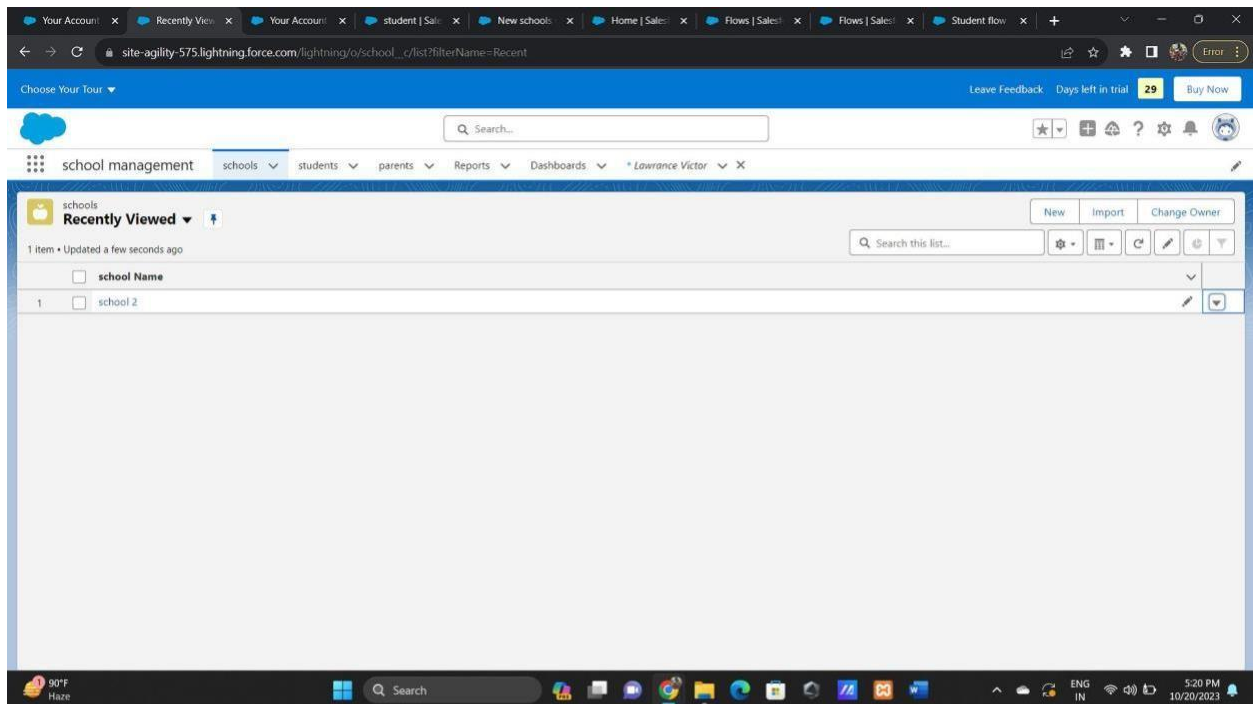
At the bottom of the table, it says "1-14 of 14" and "0 Selected".

Step 9 : Create Master Detail relationship

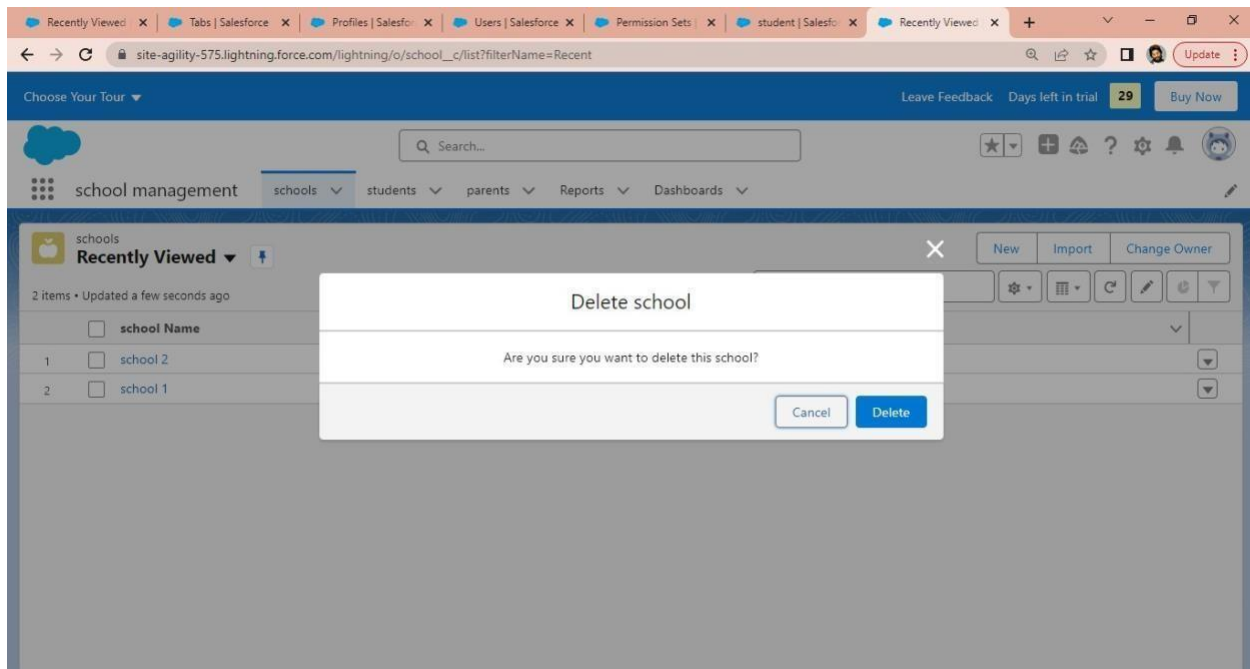


The screenshot shows the Salesforce Object Manager interface for the "Student" object. The left sidebar has a search bar and a list of options: "Details", "Fields & Relationships", "Page Layouts", "Lightning Record Pages", "Buttons, Links, and Actions", "Compact Layouts", "Field Sets", "Object Limits", "Record Types", and "Related Lookup Filters". The main content area is titled "Master-Detail Options" and includes fields for "Related To" (School), "Child Relationship Name" (Students), "Sharing Setting" (Read/Write), and "Reparentable Master Detail" (unchecked). Below this is a "Lookup Filter" section with "No lookup filter defined." and a "Validation Rules" section with "No validation rules defined." and a "New" button. At the bottom, it says "Always show me more records per related list".

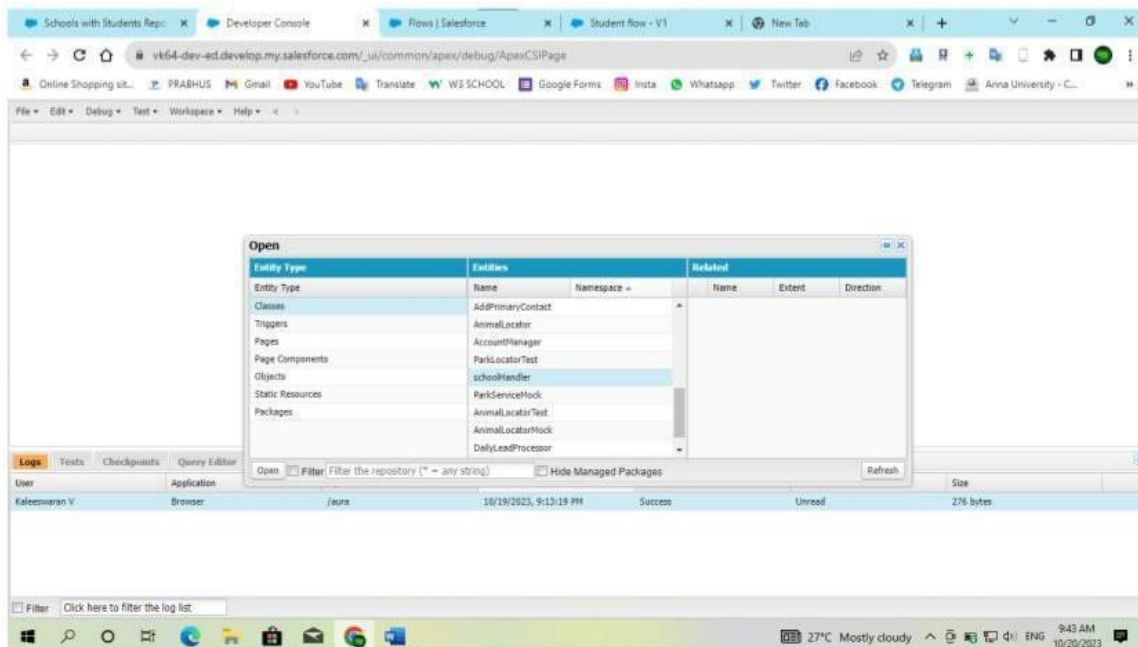
Step 10 : Create Records in Lightning App

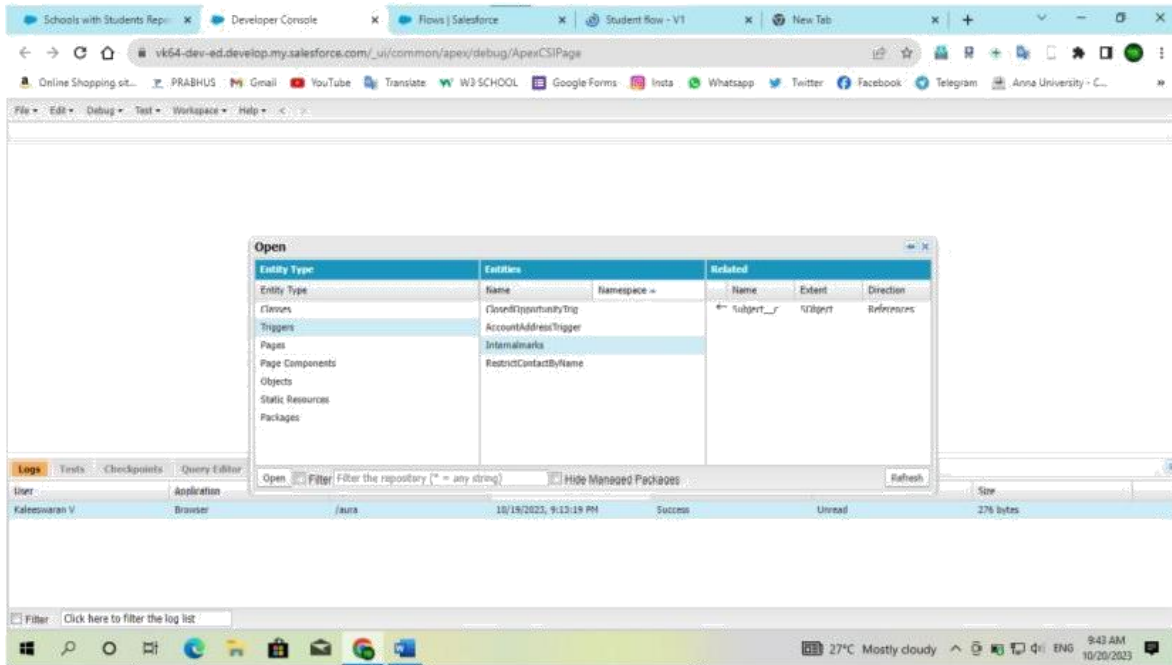


Step 11 : Deleting Records

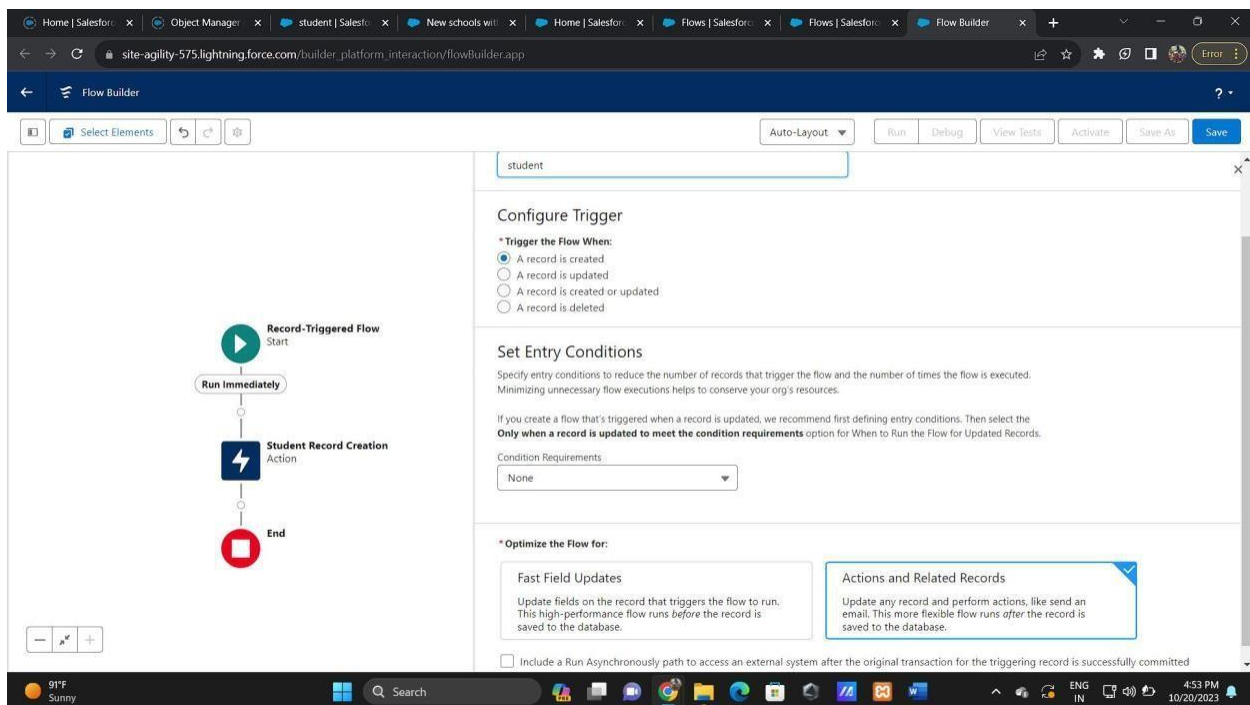


Step 12 : Create Apex Class and Apex Trigger





Step 13 : Create A Flow



Step 14 : Create Reports

The screenshot displays the Salesforce Lightning user interface. At the top, a browser window shows the URL: `site-agility-575.lightning.force.com/lightning/r/Report/00Q5g00000JQPs9EAH/view?queryScope=userFolders`. The Salesforce header includes a navigation bar with 'Choose Your Tour', 'Leave Feedback', 'Days left in trial 29', and a 'Buy Now' button. Below the header is a search bar and a navigation menu with 'school management', 'schools', 'students', 'parents', 'Reports', and 'Dashboards'. The main content area shows a report titled 'Report: schools with students' and 'New schools with students Report'. The report indicates 'Total Records: 0'. Below this, there is a large illustration of a desert landscape with a cactus, mountains, and a sun. The text 'No Results' is centered below the illustration. At the bottom, there are toggle switches for 'Row Counts', 'Detail Rows', 'Subtotals', and 'Grand Total', all of which are currently turned on.