

1. INTRODUCTION

1.1 Overview

It helps to improve the students' experience. And it shows the details about the students.

1.2 Purpose

Track potential leads. It helps to interaction between teachers and students. Used to one stop solution. Easily accessible to anyone.

2. PROBLEM AND DESIGN THINKING

2.1 Empathy map



Empathy map

Use this framework to develop a deep, shared understanding and empathy for other people. An empathy map helps describe the aspects of a user's experience, needs and pain points, to quickly understand your users' experience and mindset.

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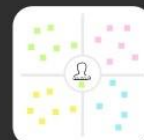
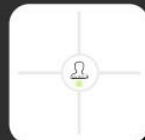
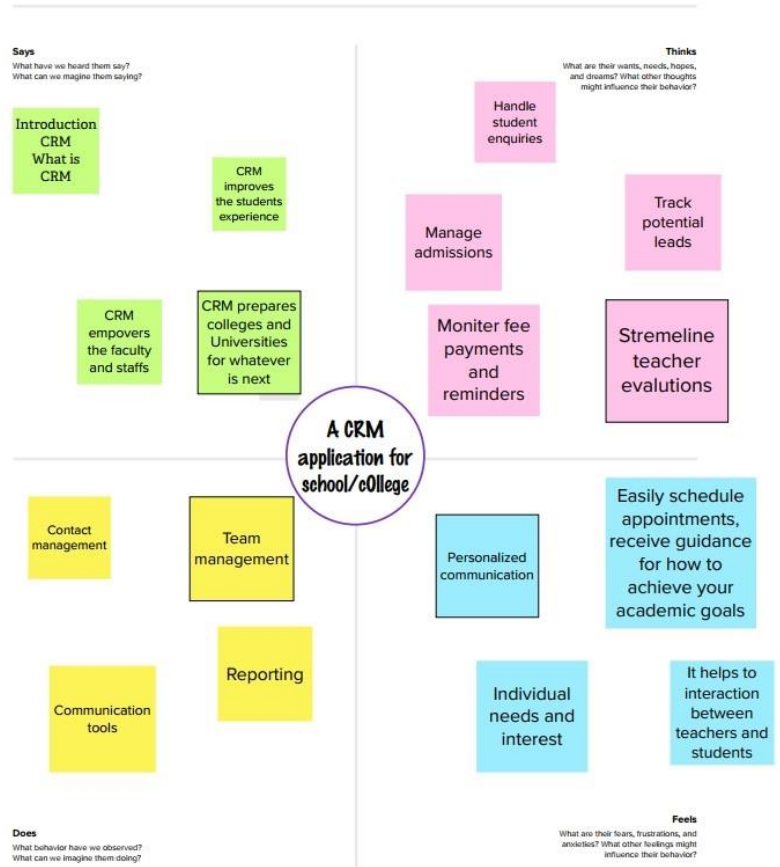
Need some inspiration?
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[Open example](#)



Build empathy

The information you add here should be representative of the observations and research you've done about your users.



2.2 Ideation and brainstorming map

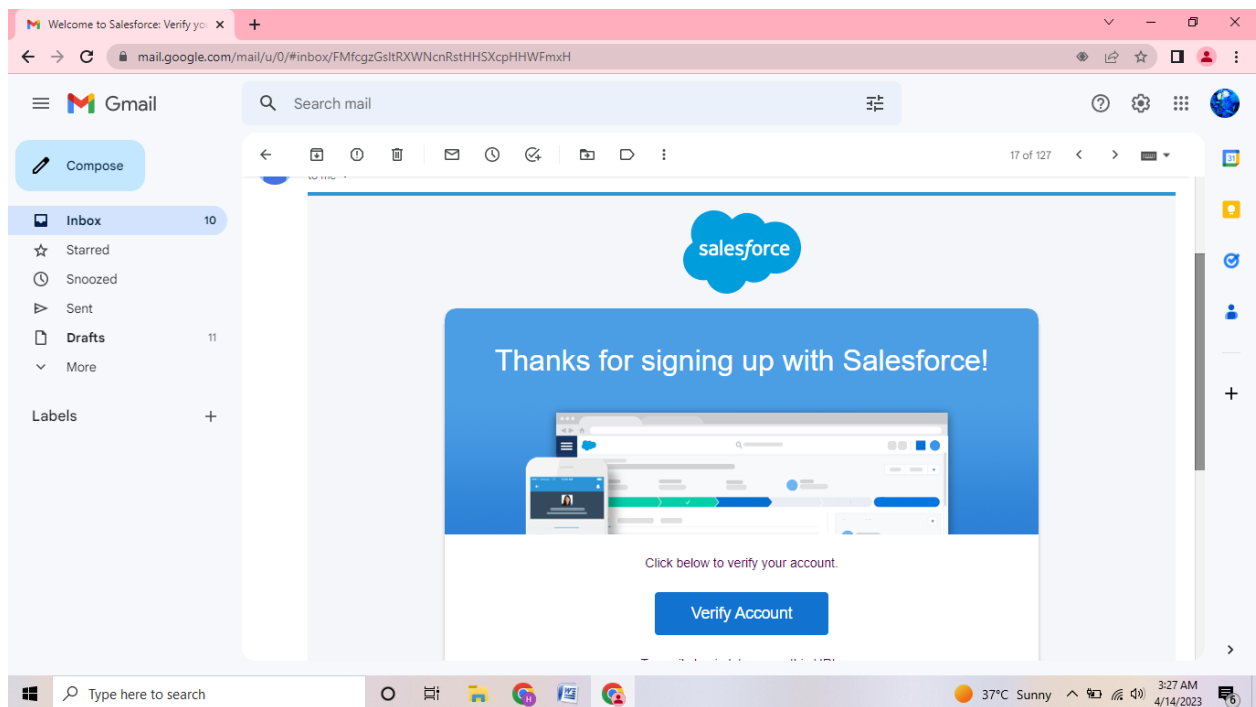
3. RESULT

3.1 Activity and screenshot

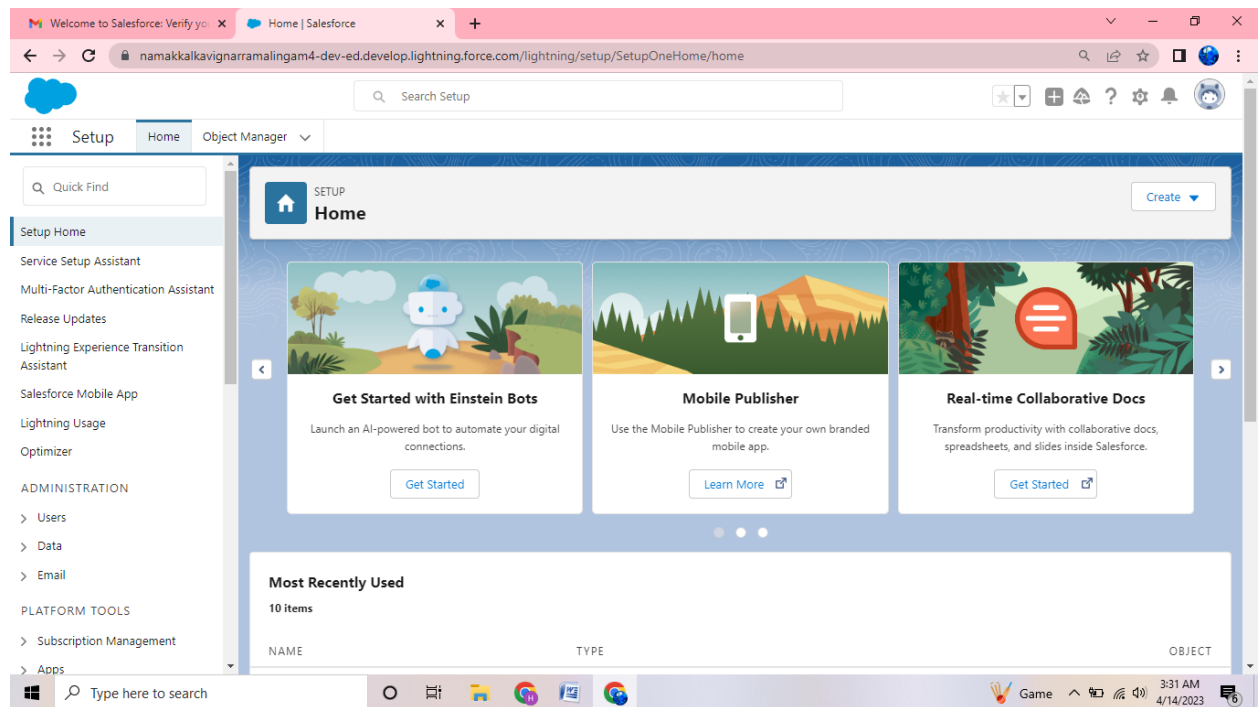
Milestone-1

Creating developer account

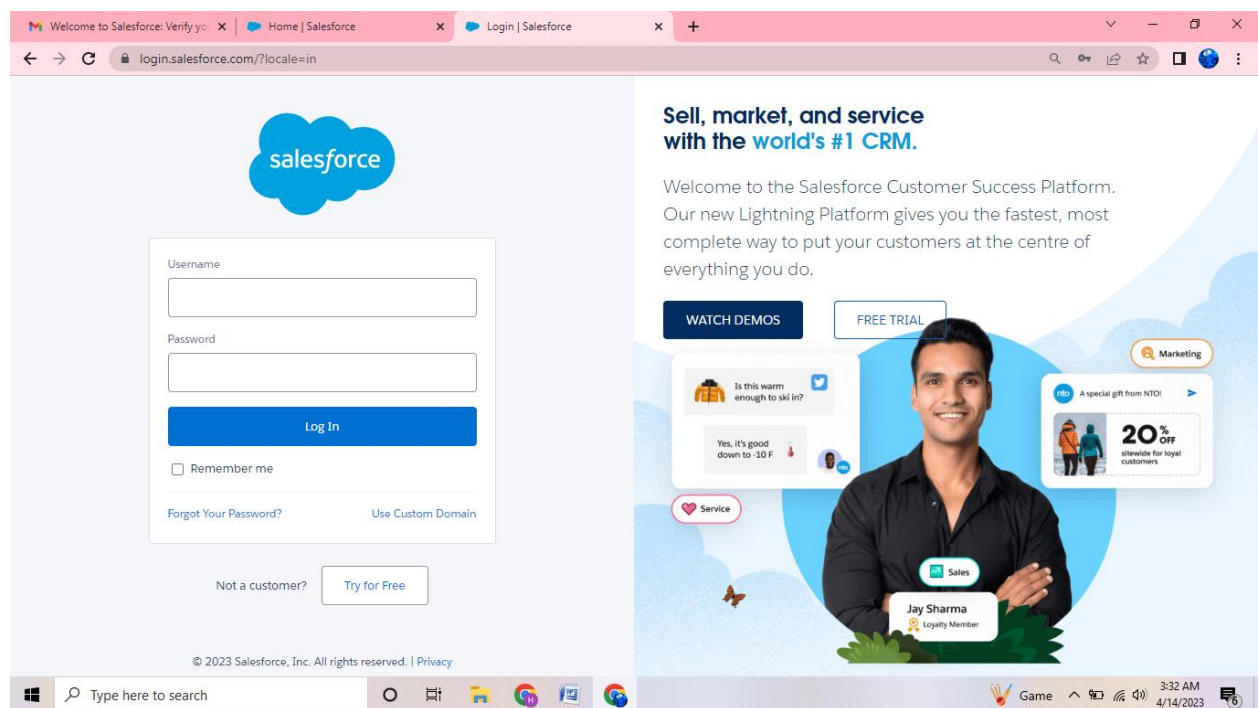
Account activation



Login to salesforce account



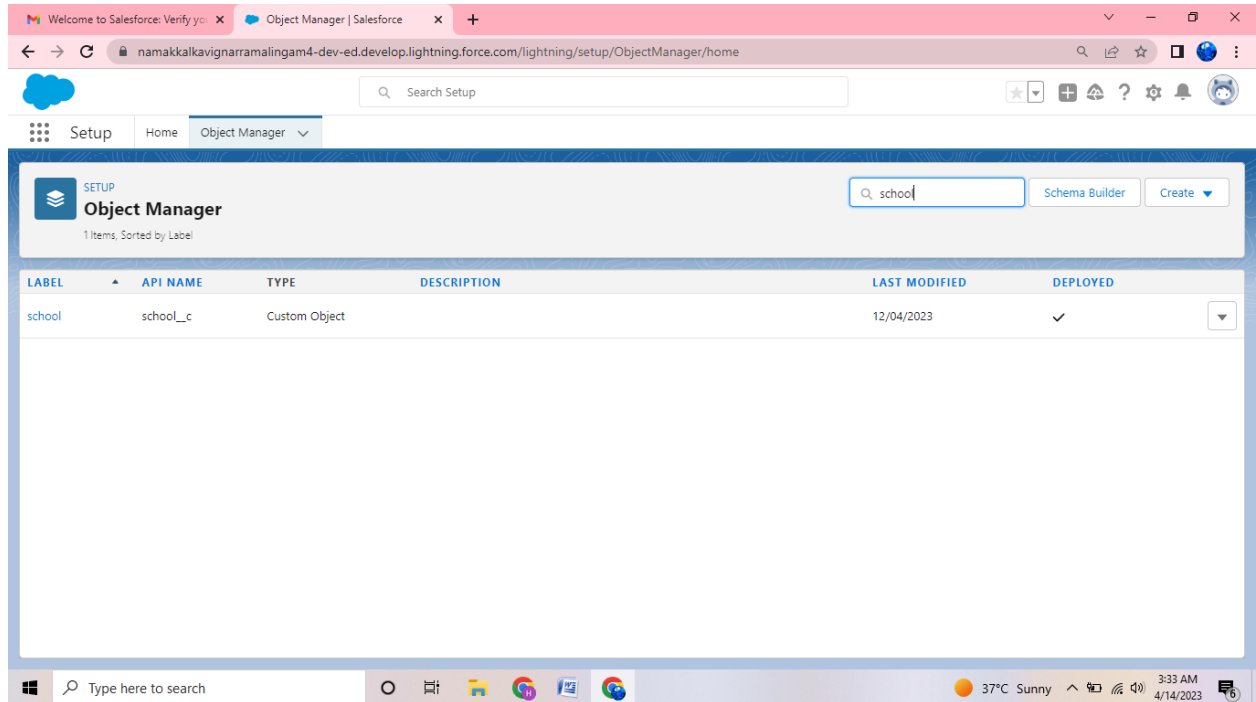
Salesforce login



Milestone-2: Object

Salesforce objects are data base tables that permit you to store data that is specific to an organization. Salesforce objects are of two types: Standard objects are the kind of objects that are provided by salesforce.com such as users, contracts, reports, dashboards etc.

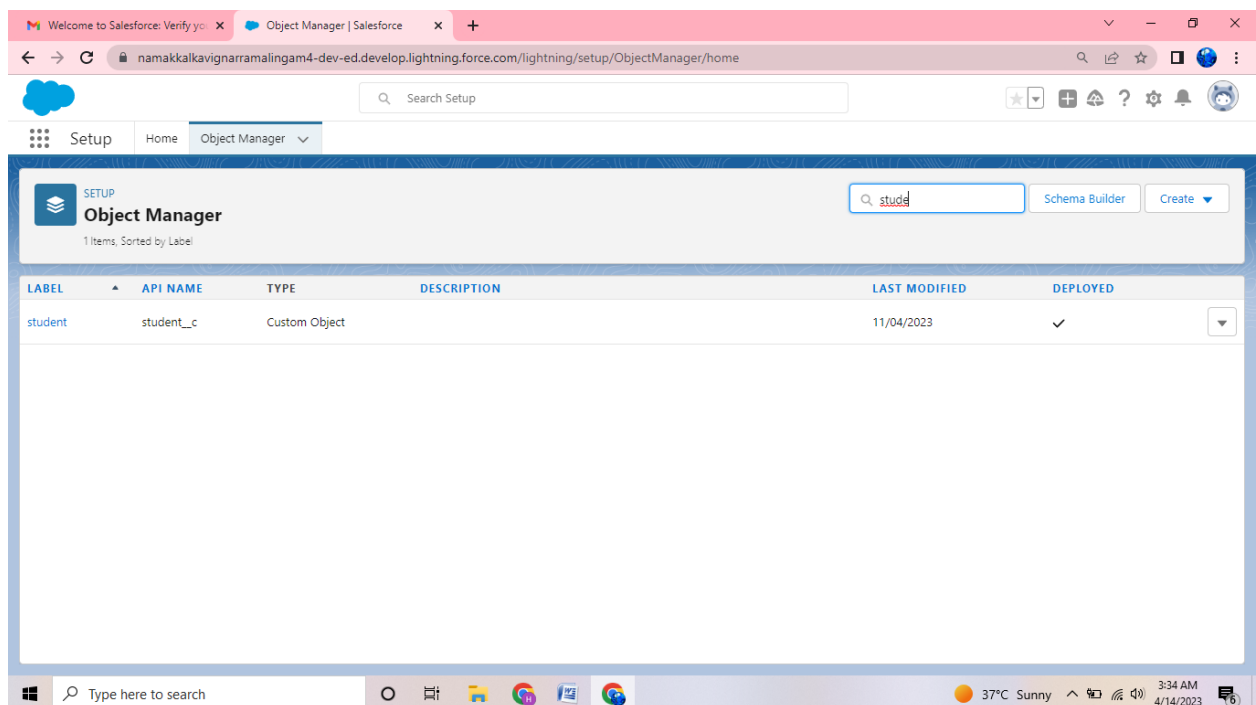
Creation of school object



The screenshot shows the Salesforce Object Manager interface. The browser address bar displays the URL: `namakkalkavignarramalingam4-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/home`. The page title is "Object Manager" with a sub-header "1 Items, Sorted by Label". A search bar contains the text "school". Below the search bar, a table lists the objects. The table has columns: LABEL, API NAME, TYPE, DESCRIPTION, LAST MODIFIED, and DEPLOYED. The table contains one row for the "school" object, which is a Custom Object created on 12/04/2023 and is deployed. The table is followed by a "Schema Builder" button and a "Create" button.

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
school	school_c	Custom Object		12/04/2023	✓

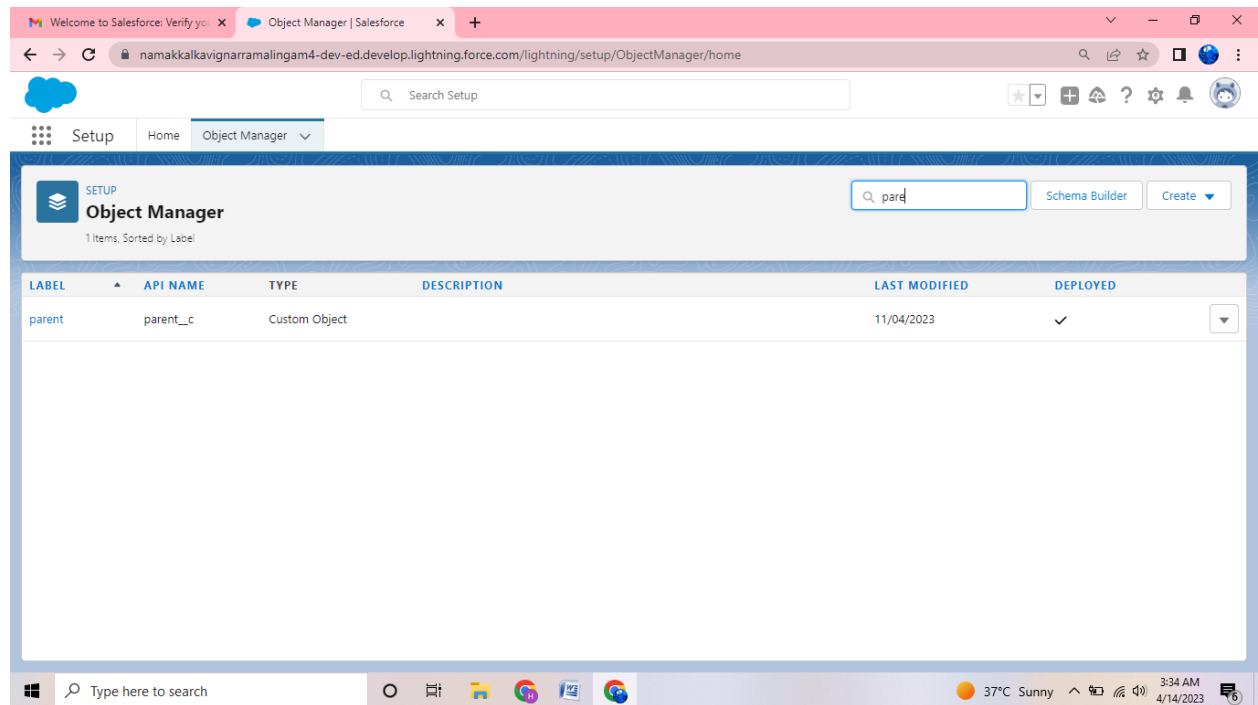
Create student object



The screenshot shows the Salesforce Object Manager interface. The browser address bar displays the URL: `namakkalkavignarramalingam4-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/home`. The page title is "Object Manager" with a sub-header "1 Items, Sorted by Label". A search bar contains the text "student". Below the search bar, a table lists the objects. The table has columns: LABEL, API NAME, TYPE, DESCRIPTION, LAST MODIFIED, and DEPLOYED. The table contains one row for the "student" object, which is a Custom Object created on 11/04/2023 and is deployed. The table is followed by a "Schema Builder" button and a "Create" button.

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
student	student_c	Custom Object		11/04/2023	✓

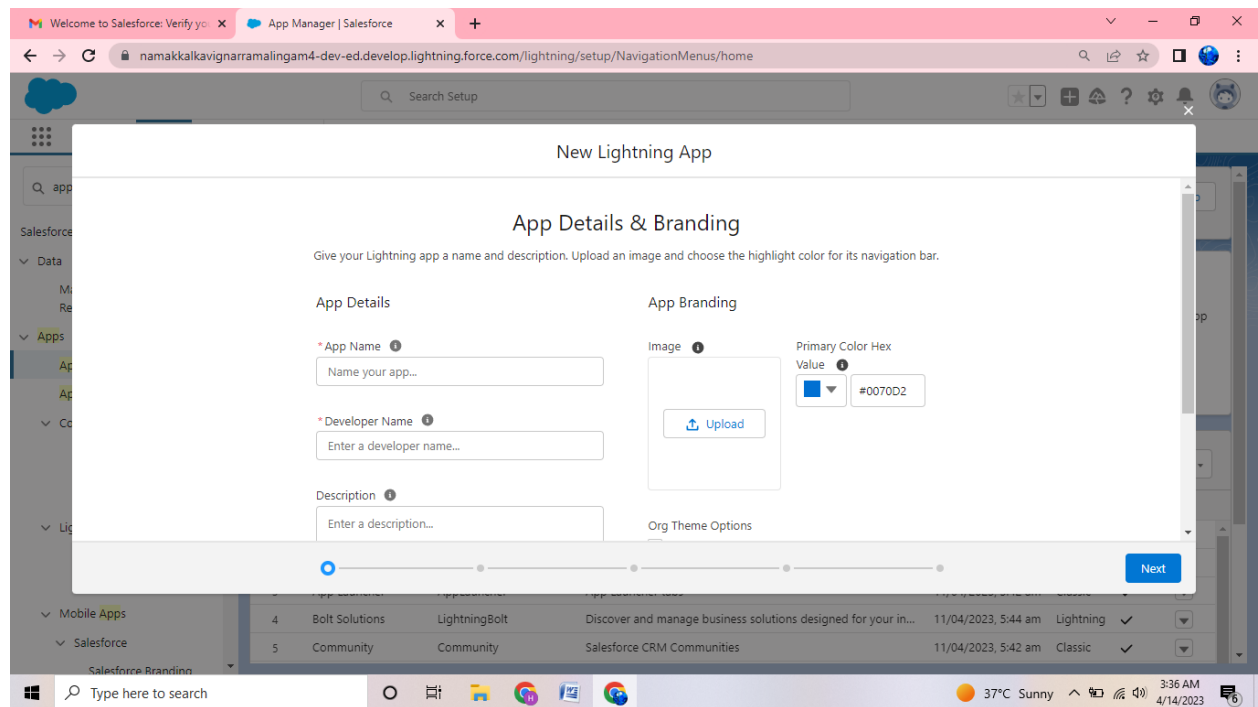
Create parent object



Milestone-3: Lightning app

Apps in salesforce are a group of tabs that help the application function by working together as a unit. It has a name, a logo, and a particular set of tabs. The simplest app usually has just two tabs.

Create the school management app



Milestone-4: Fields and Relationship

An object relationship in salesforce is a two way association between two objects. Relationships are created by creating custom relationship fields on an object. This is done so that users view records, they can also see and access data.

Creation of fields for the school objects:

Setup > OBJECT MANAGER

Fields & Relationships

10 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
8072007280	X8072007280__c	Phone		
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)		
Owner	OwnerId	Lookup(User,Group)		✓
school Name	Name	Text(80)		✓

Milestone-5: Profile

A profile is a group/collection of settings and permissions that define what a user can do in salesforce. A profile controls object permissions, field permissions, user permissions tab settings, app settings, apex class access, visual force page access, page layouts, record types, login hours and login IP ranges.

Setup > Profiles

Profiles

All Profiles | Edit | Delete | Create New View

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 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"/>

Milestone-6: Users

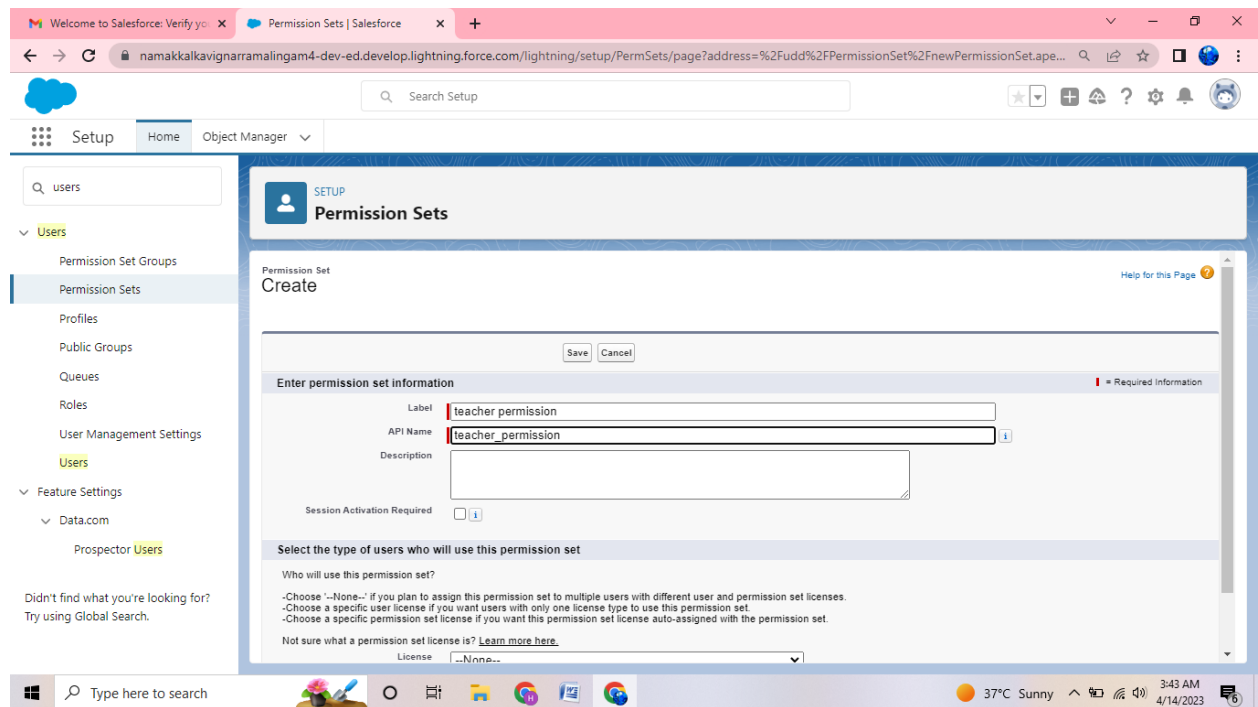
A user is anyone who logs in to salesforce. Users are employees at your company, such as sales reps, managers, and IT specialists, who need access to the company's records. Every user in salesforce has a user account.

The screenshot shows the Salesforce Setup interface for managing users. The left sidebar contains navigation options: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Feature Settings, and Data.com. The main content area is titled 'All Users' and includes instructions on how to create, view, and manage users. It also provides links for downloading SalesforceA to view and edit user details from mobile devices. A table lists the current users, including their full names, aliases, usernames, roles, and active status. The table is filtered by 'All Users' and shows 5 users.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatter.00d5i00000bvgpoea1.b99aie9ud1eb@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	principal	princioa	rithikav767@gmail.com		✓	school profile
<input type="checkbox"/> Edit	User Integration	integ	integration@00d5i00000bvgpoea1.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	insightsecurity@00d5i00000bvgpoea1.com		✓	Analytics Cloud Security User
<input type="checkbox"/> Edit	V. Rithika	RV	rithika@nkr.sandbox		✓	System Administrator

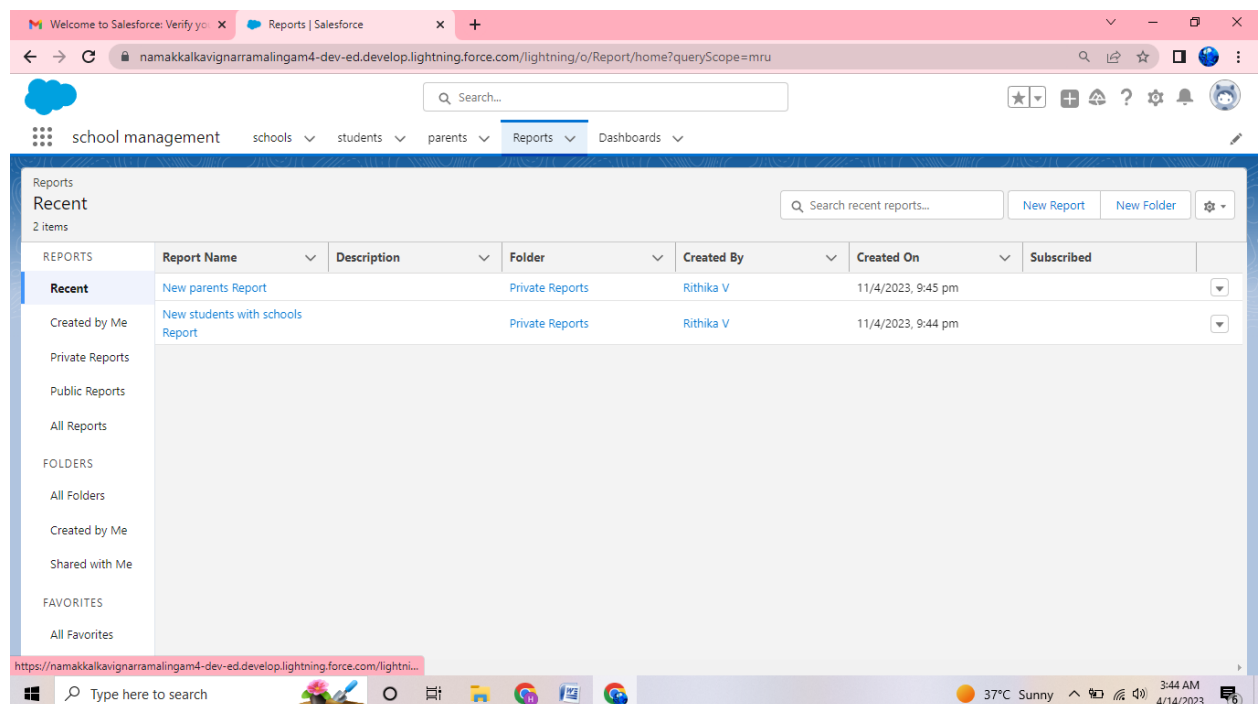
Milestone-7: Permission sets

A permission set is a collection of settings and permissions that give users access to various tools and functions. Permission sets extend users functional access without changing their profiles.



Milestone-8: Reports

A report is a list of records that meet the criteria you define. It's displayed in salesforce in rows and columns, and can be filtered, grouped, or displayed in a graphical chart. Every report is stored in a folder. Folders can be public, hidden, or shared and can be set to read-only or read/write.



4. TRAILHEAD PROFILE PUBLIC URL

Team lead:

Rithika : <https://trailblazer.me/id/rithiv02>

Team members:

1. Logeswari : <https://trailblazer.me/id/logeswari2003>
2. Sahanaroshini : <https://trailblazer.me/id/sroshini6>
3. Sharmissri : <https://trailblazer.me/id/shsri>
4. Suruthi : <https://trailblazer.me/id/ksuruthi>

5. ADVANTAGES AND DISADVANTAGE

Advantages:

- ❖ Manage admissions
- ❖ Handle student inquiries
- ❖ Streamline teachers evaluations
- ❖ Better management of student data
- ❖ Easy fee management
- ❖ Save cost
- ❖ It allows student to interact with learning communities from across the world

Disadvantages:

- ❖ Course management
- ❖ Communication and collaboration
- ❖ Classroom management strategy

6. APPLICATIONS

1. Easy making of attendance
2. Assign homework
3. Share important study resources

4. Update about important news and events
5. Easier parent-school communication
6. Customized report generation and analytics

7. CONCLUSION

In conclusion, SMS is important tool for school education. It helps to streamline school operations, improve data management, increase efficiency, better communication, and improve safety and security. With its ability to be customized to meet school needs, an SMS can lead to improved student outcomes.

8. FUTURE SCOPE

Anything if done to improve the quality of education at any stage may be ranging from the supply of material, human and financial resources to the highest cultural or academic needs.