

<b>Date</b>	<b>20<sup>th</sup> April 2023</b>
<b>Team ID</b>	<b>NM2023TMID33417</b>
<b>Project Name</b>	<b>APPLICATION FOR SCHOOLS/COLLEGES</b>
<b>Team Leader</b>	<b>VALLI. R</b>
<b>Team Member</b>	<b>SUBASHINI. B</b>
	<b>THAISITHA. S</b>

## 1 INTRODUCTION

### Project Description

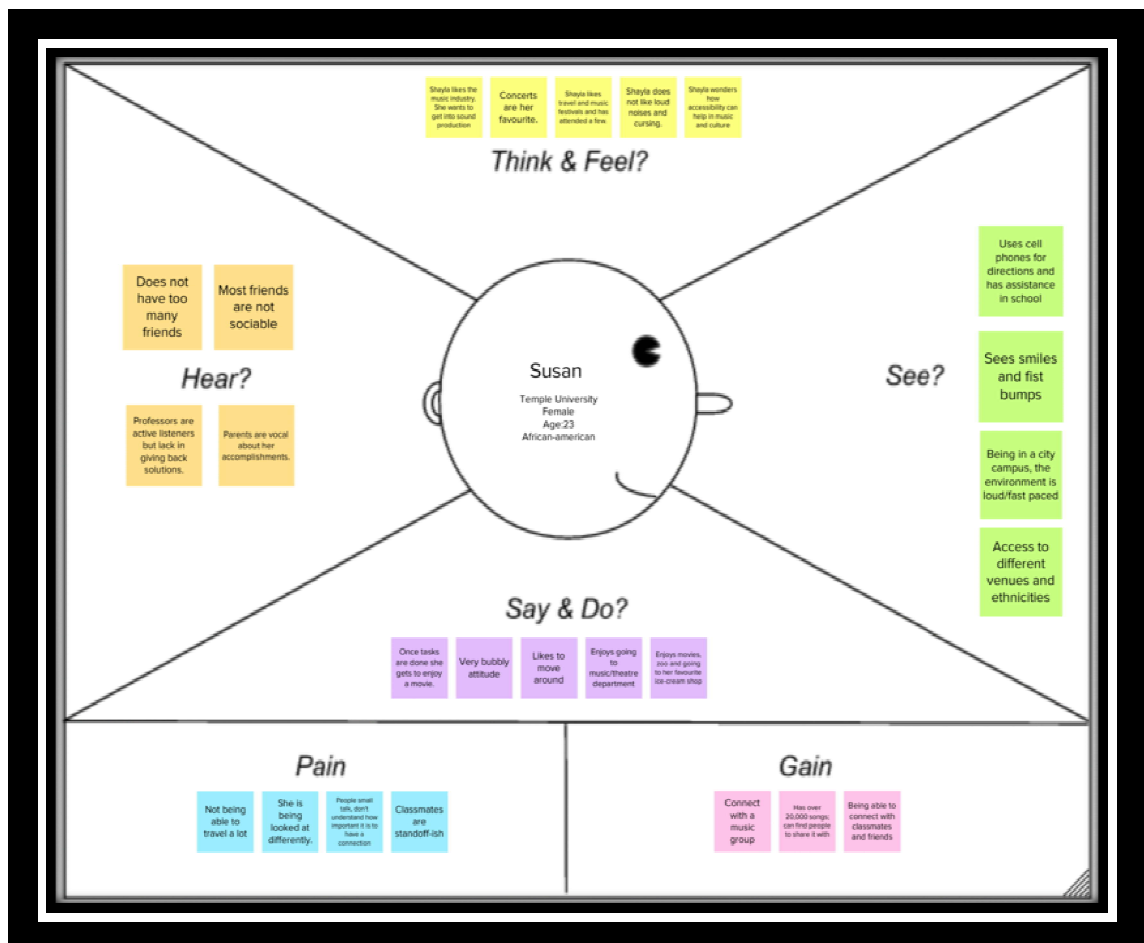
#### 1.1 Overview

Our project aim is to develop the customer relationship between School, students and parents by School Management App. We achieve this goal by creating custom objects, relationships, and page layouts that provide easy access to the relevant data.

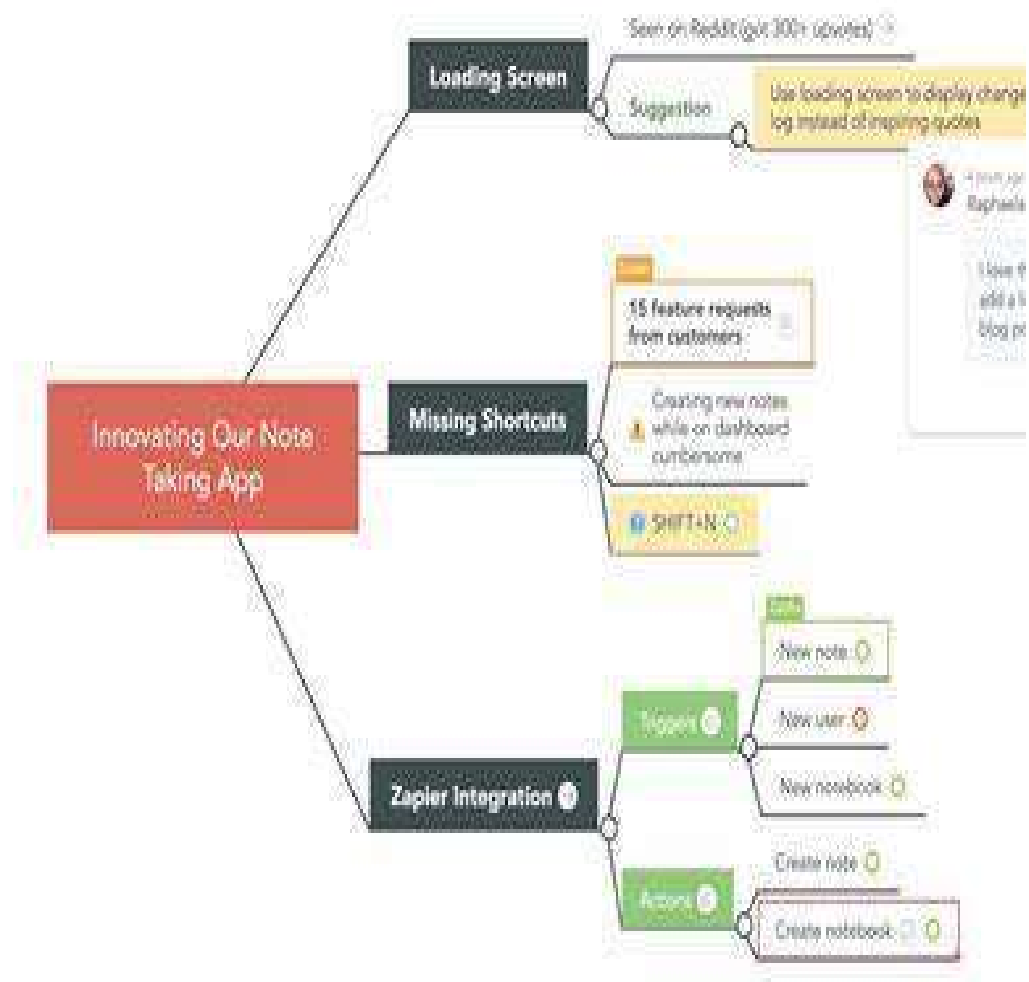
#### 1.2 Purpose

To enhance the efficiency of the app, we also establish custom objects and relationships that enable more streamlined storage and retrieval of data. Additionally, we install an unmanaged package within the organization to acquire metadata that supplements the existing data in the School Management App.

## 2 PROBLEM DEFINITION & DESING THINKING



## 2.1 Ideation & Brainstorming Map



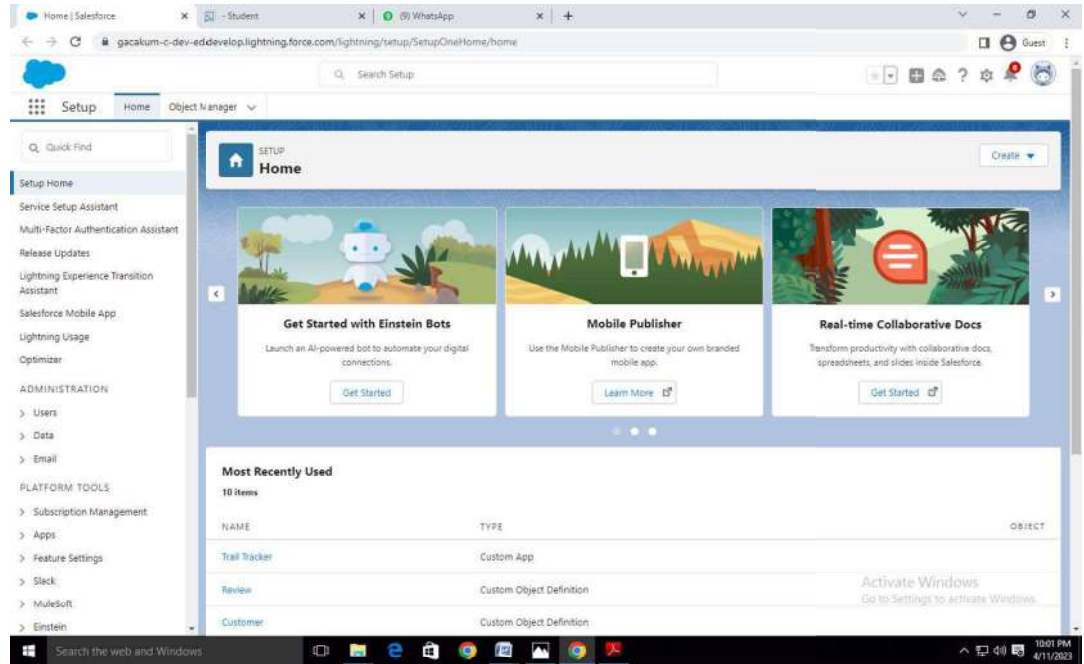
## 3 RESULT

### 3.1 Data Model

Object Name	Fields in the Object	
	Field label	Data Type
School	Address	Text Area
	District	Text Area
	State and School	Text Area
	Phone Number	Phone
	Number of Students	Roll up Summary
	Highest Marks	Roll up Summary
Student	Phone Number	Phone
	School	Master-Detail Relationship
	Results	Picklist
	Class	Number
Parent	Parent Address	Text Area
	Parent Number	Phone

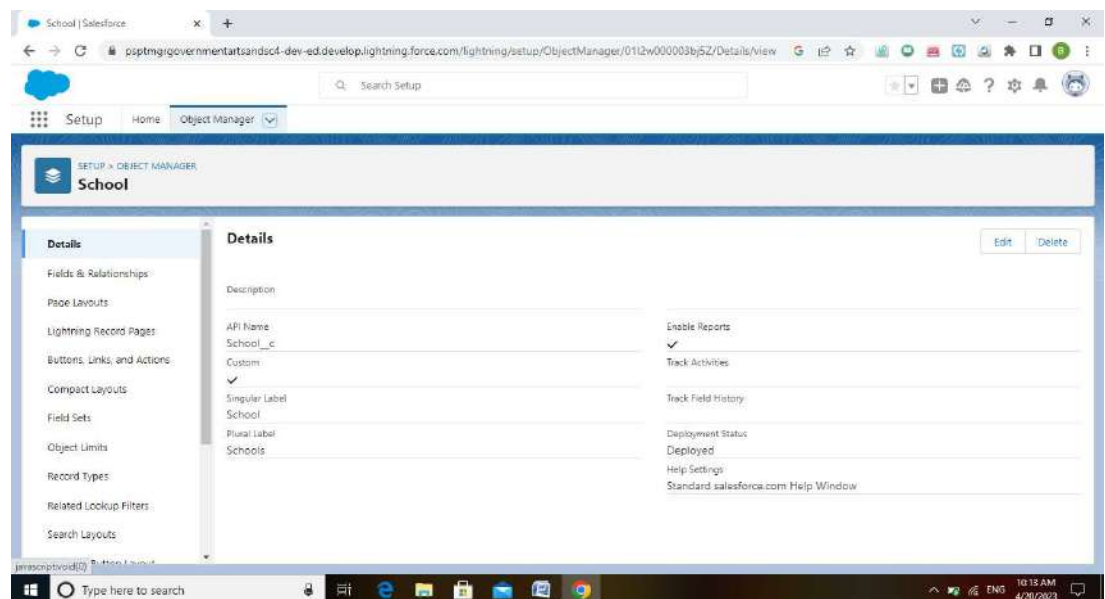
## 3.2 Activity & Screenshot

### Milestone 1:



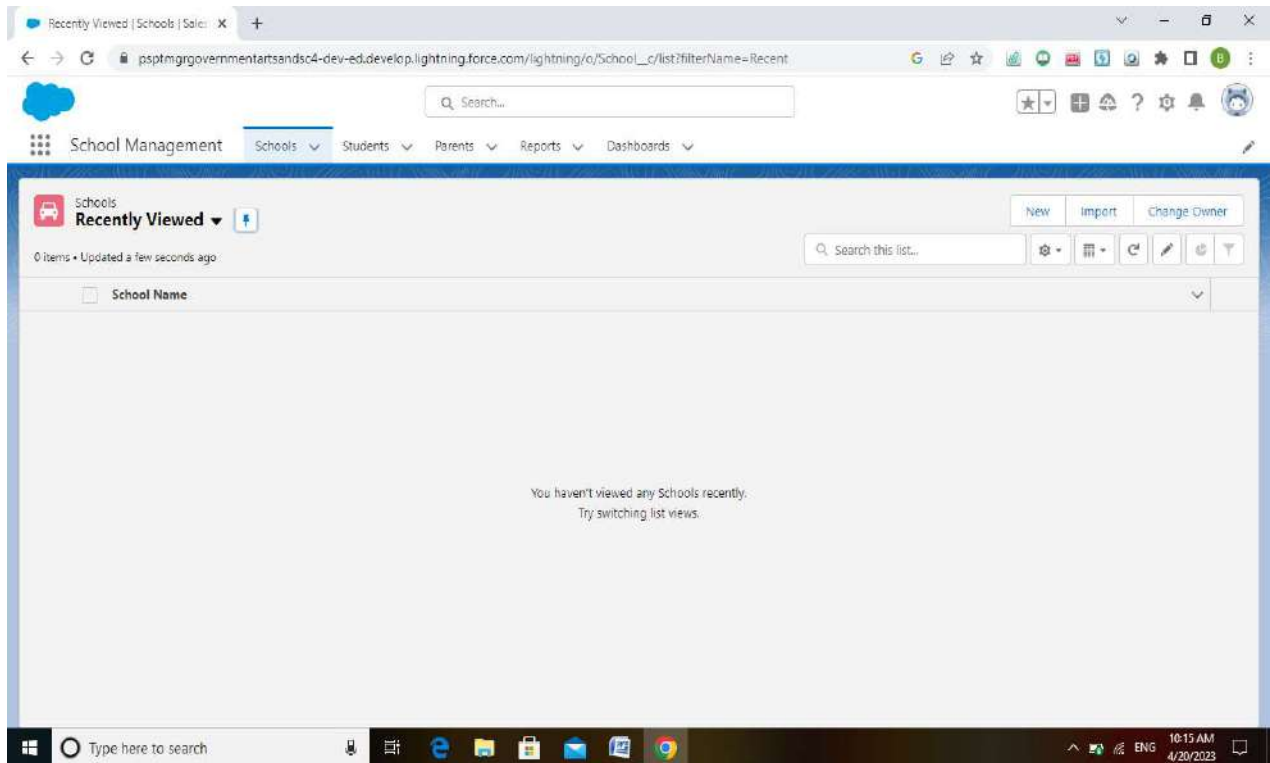
### Creation of Salesforce Account.

### Milestone :2



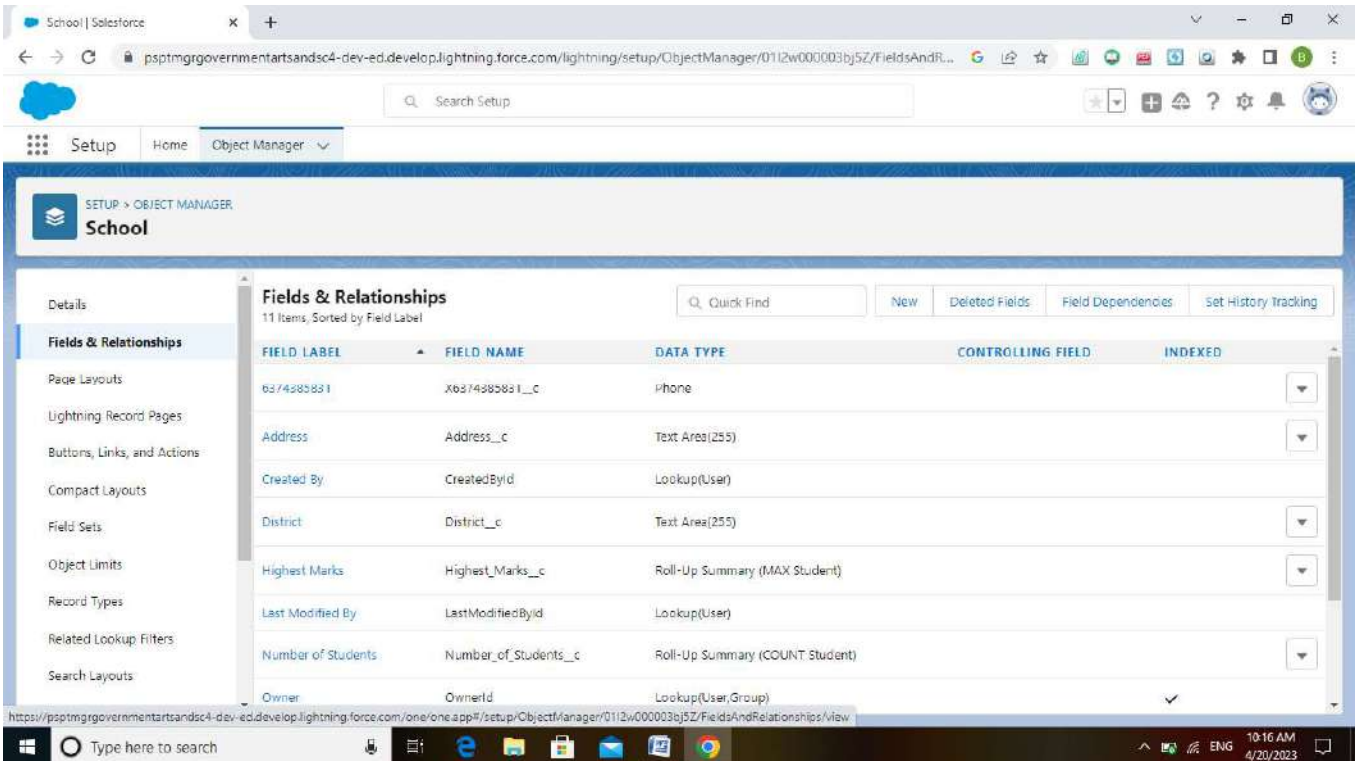
### Creating Object for School Student and Parent

## Milestone 3:



## Creation of lightening app for School Management

## Milestone 4 :

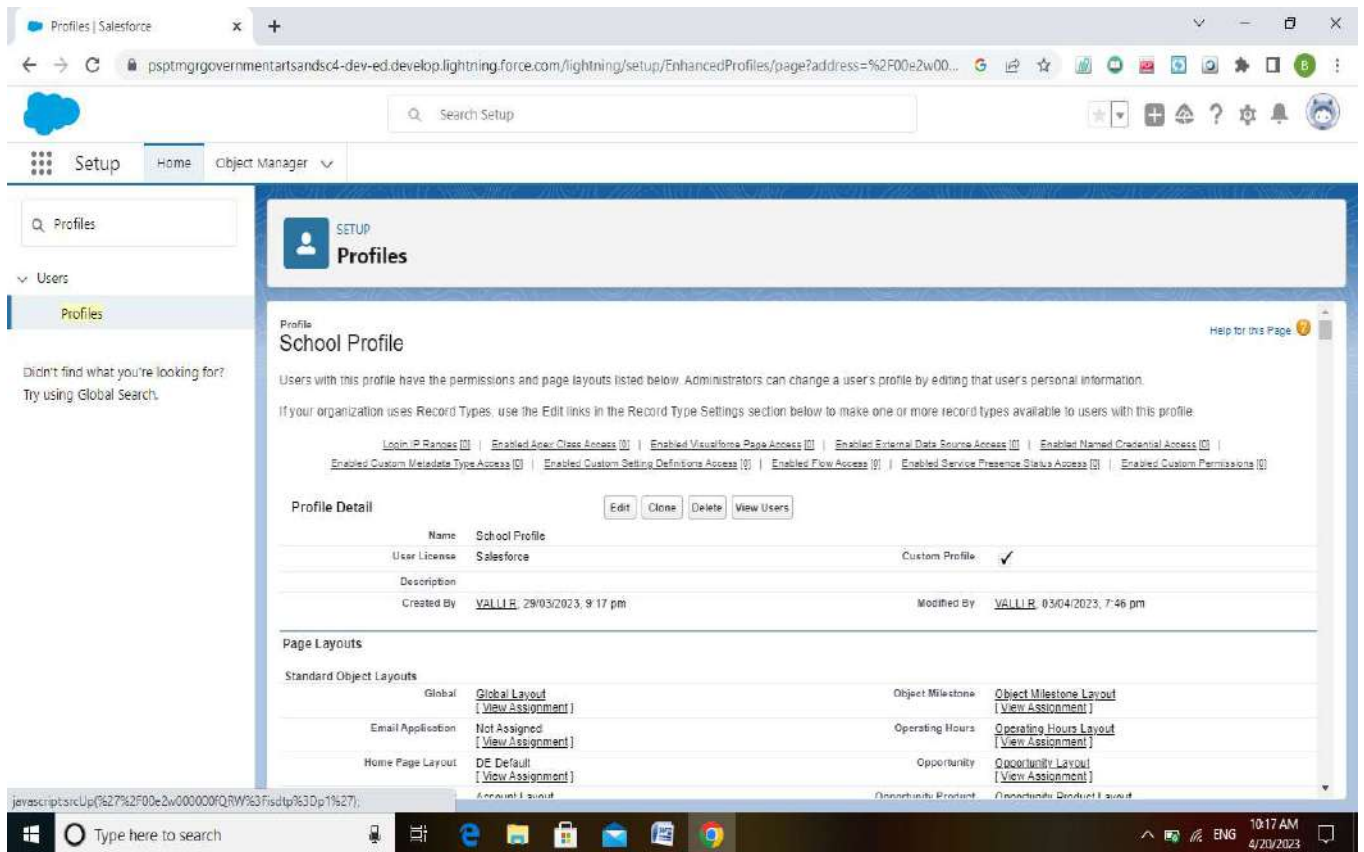


The screenshot shows the Salesforce Object Manager interface for a custom object named 'School'. The 'Fields & Relationships' tab is selected, displaying a list of 11 fields. The fields are sorted by Field Label. The table below represents the data shown in the screenshot.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
6374583831	X6374583831__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)		
Number of Students	Number_of_Students__c	Roll-Up Summary (COUNT Student)		
Owner	OwnerId	Lookup(User/Group)		✓

Creation of field and Relationship for the objects school, students and parents.

## Milestone 5:



The screenshot shows the Salesforce Setup page for Profiles. The left sidebar contains a search bar and a list of items including Users and Profiles. The main content area is titled "School Profile" and includes a description, a list of enabled permissions, and a table of page layouts.

**Profile Detail**

Name	User License	Custom Profile
School Profile	Salesforce	<input checked="" type="checkbox"/>

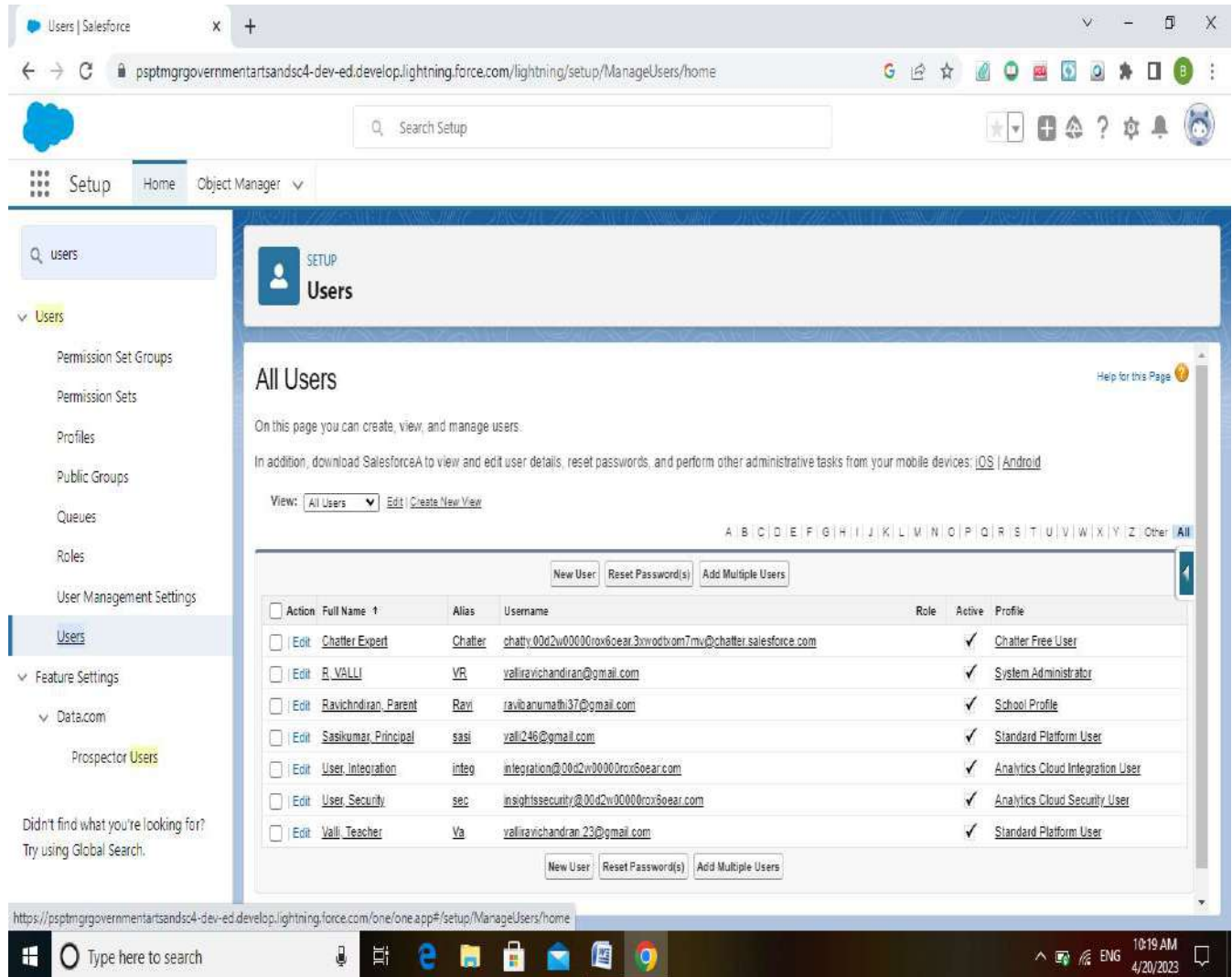
**Page Layouts**

Standard Object Layouts	Global	Object Milestone
Global	<a href="#">Global Layout [View Assignment]</a>	<a href="#">Object Milestone Layout [View Assignment]</a>
Email Application	<a href="#">Not Assigned [View Assignment]</a>	<a href="#">Operating Hours Layout [View Assignment]</a>
Home Page Layout	<a href="#">DE Default [View Assignment]</a>	<a href="#">Opportunity Layout [View Assignment]</a>

Creation on profile for school



## Milestone 6:

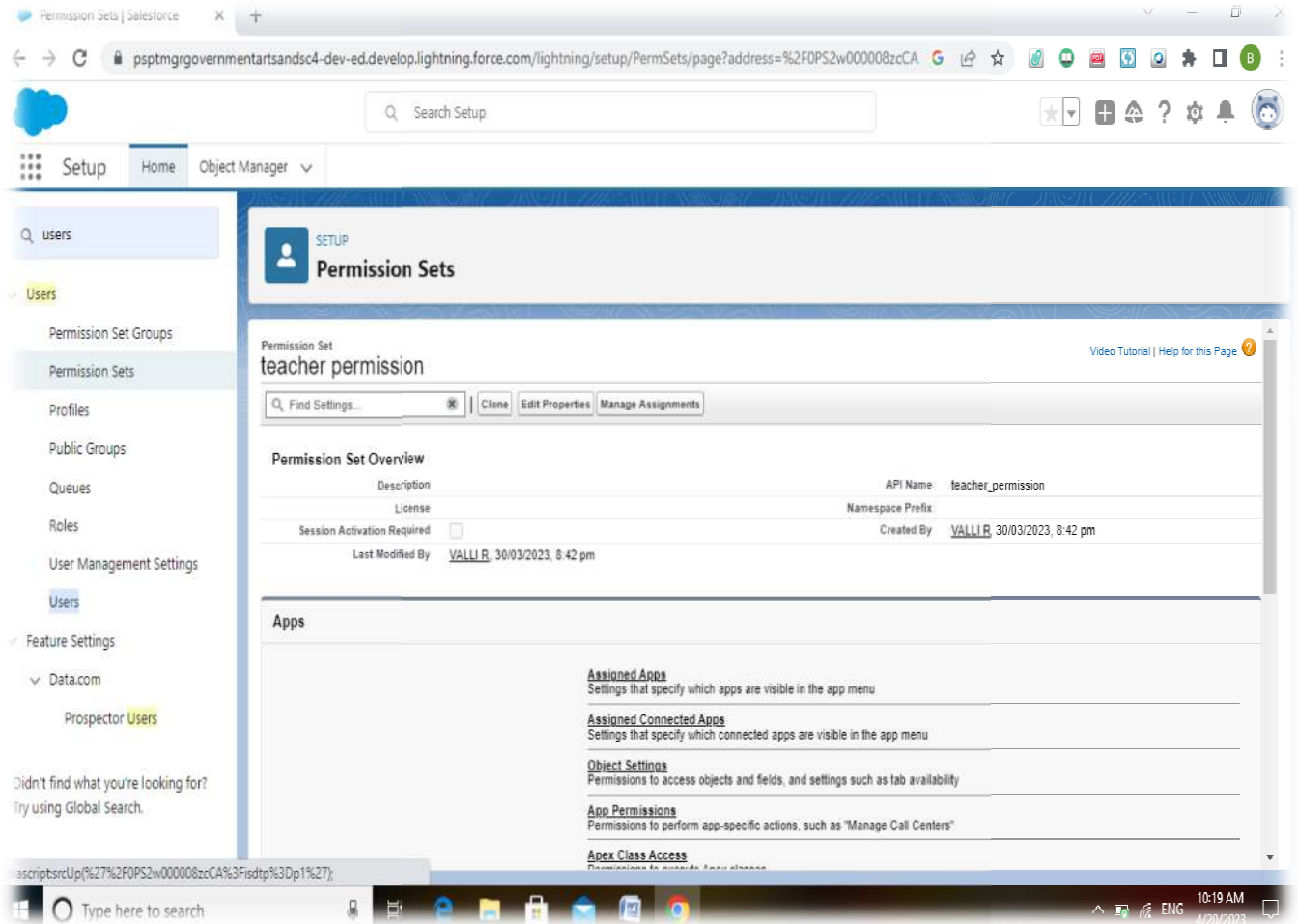


The screenshot shows the Salesforce 'Users' management page. The left sidebar contains a search bar and a list of navigation items: Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, and Users (highlighted). The main content area is titled 'All Users' and includes instructions on how to create, view, and manage users. Below the instructions, there is a table of users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table lists several users, including Chatter Expert, B. VALLI, Ravichandran, Parent, Ravi, Sasikumar, Principal, sasi, User Integration, integ, User Security, sec, Valli Teacher, Va, and Standard Platform User. The bottom of the page shows the Windows taskbar with the time 10:19 AM and date 4/20/2023.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatty.00d2v00000ox6cear3xw0dvoim7mv@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	B. VALLI	VR	valliravichandran@gmail.com		✓	System Administrator
<input type="checkbox"/> Edit	Ravichandran, Parent	Ravi	ravibanumathi37@gmail.com		✓	School Profile
<input type="checkbox"/> Edit	Sasikumar, Principal	sasi	valli246@gmail.com		✓	Standard Platform User
<input type="checkbox"/> Edit	User Integration	integ	integration@00d2v000000rox6gear.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User Security	sec	insightssecurity@00d2v000000rox6gear.com		✓	Analytics Cloud Security User
<input type="checkbox"/> Edit	Valli Teacher	Va	valliravichandran.23@gmail.com		✓	Standard Platform User

Creating users for Teachers, Principal and Parents

## Milestone 7:



The screenshot shows the Salesforce Setup interface for configuring a Permission Set. The left sidebar contains navigation links: Setup, Home, Object Manager, Users, Feature Settings, and Data.com. The main content area is titled 'Permission Sets' and shows the configuration for a specific permission set named 'teacher permission'.

**Permission Set Overview**

Description	API Name
teacher permission	teacher_permission

**Assigned Apps**  
Settings that specify which apps are visible in the app menu

**Assigned Connected Apps**  
Settings that specify which connected apps are visible in the app menu

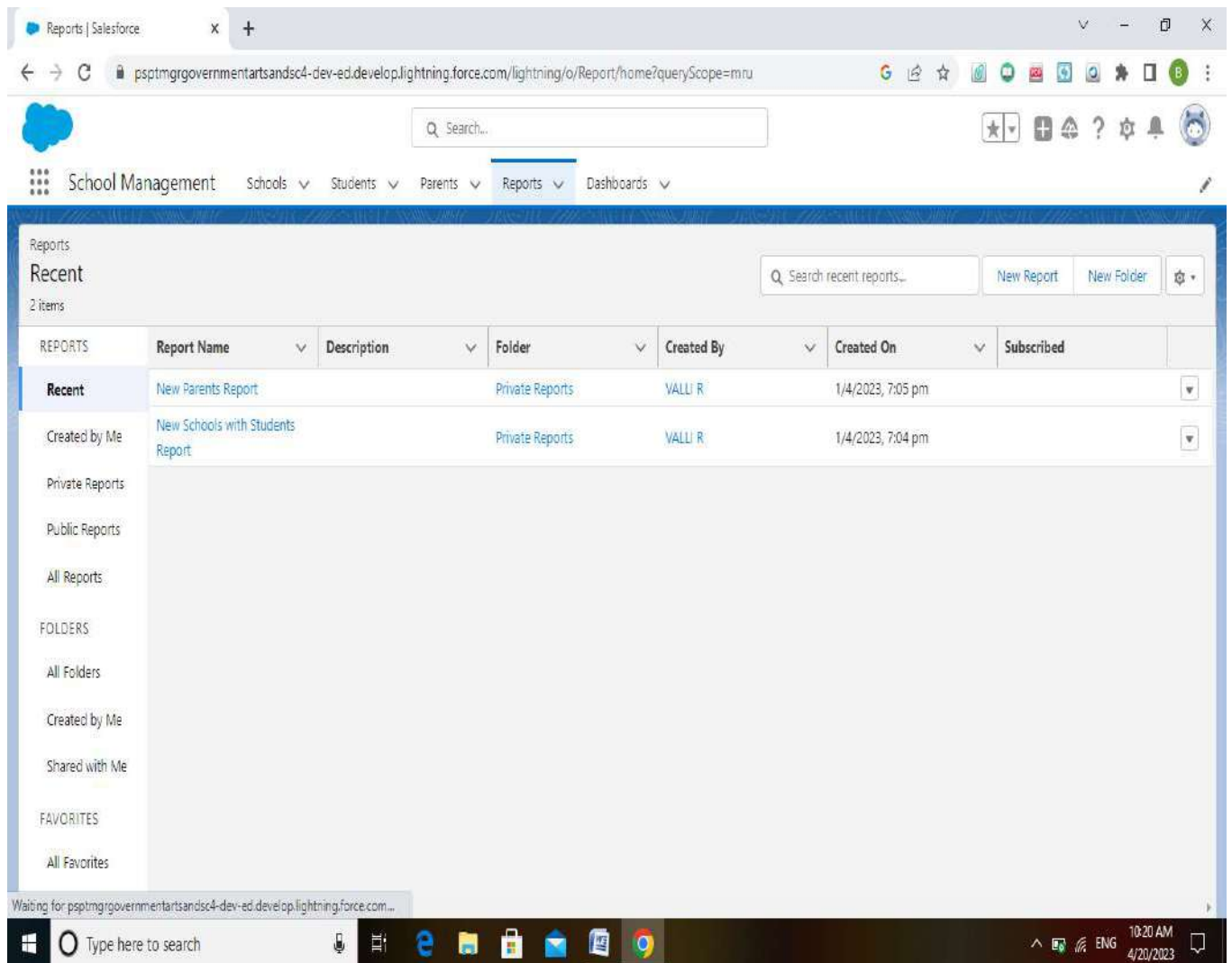
**Object Settings**  
Permissions to access objects and fields, and settings such as tab availability

**App Permissions**  
Permissions to perform app-specific actions, such as "Manage Call Centers"

**Apex Class Access**  
Permissions to execute Apex classes

Creating permission set for teacher permission and principal permission

## Milestone 8:



The screenshot shows the Salesforce Reports interface. The top navigation bar includes 'School Management', 'Schools', 'Students', 'Parents', 'Reports', and 'Dashboards'. The 'Reports' section is active, displaying a list of recent reports. The table below shows the details of these reports.

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New Parents Report		Private Reports	VALLU R	1/4/2023, 7:05 pm	
Created by Me	New Schools with Students Report		Private Reports	VALLU R	1/4/2023, 7:04 pm	
Private Reports						
Public Reports						
All Reports						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

Creating report for school with students and parents

## 4 TRAILHEAD PROFILE PUBLIC URL

Team Lead - <https://trailblazer.me/id/vallr2>

Team Member 1 - <https://trailblazer.me/id/subashiniabcd>

Team Member 2 - <https://trailblazer.me/id/tsenguttuvan>

## 5 ADVANTAGES & DISADVANTAGES

- ✓ It is useful for manage school records.
- ✓ It is handle by all the persons of the Institution.
- ✓ Less expenses for creating this app.
- ✓ It is not a popular in all countries.

## 6 APPLICATIONS

- ✓ It used in all schools for managing records about student and their parents.
- ✓ It helps to pick a more data about the student..
- ✓ Mostly it is used for a big schools.

## 7 CONCLUSION

- ✓ To enhance the efficiency of the app.

## 8 FUTURE SCOPE

In the 21<sup>st</sup> century each and every field is computerized and all works are done by using the modern technologies so it has a good future.