

BUILD AN SCHOOL/ COLLEGE MANAGEMENT APPLICATION

INTRODUCTION

OVERVIEW

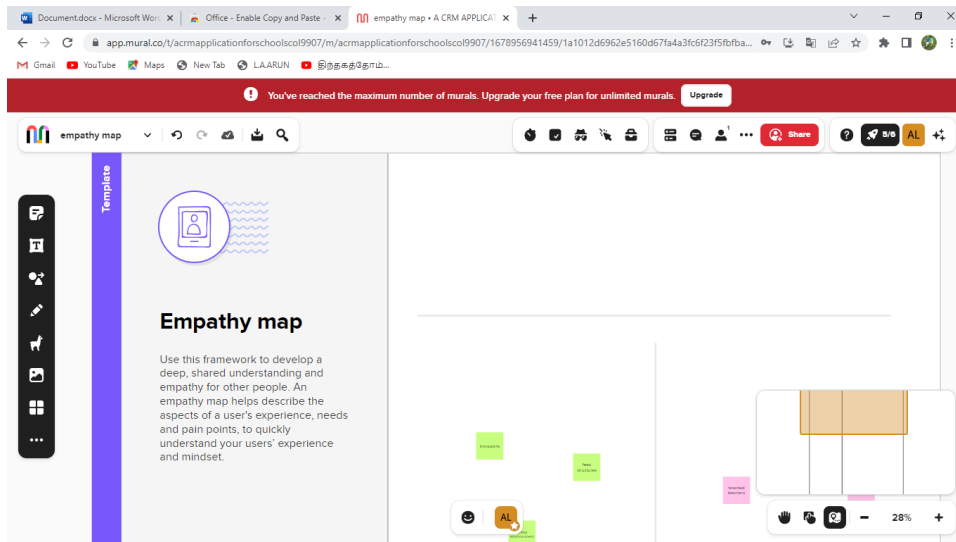
This project helps to develop a school management application using salesforce. Salesforce is students /parents Relationship Management application which is being used in almost all schools to have a friendly relationship with the parents.in our project. we have created a school/college application for employees in the corporate company.

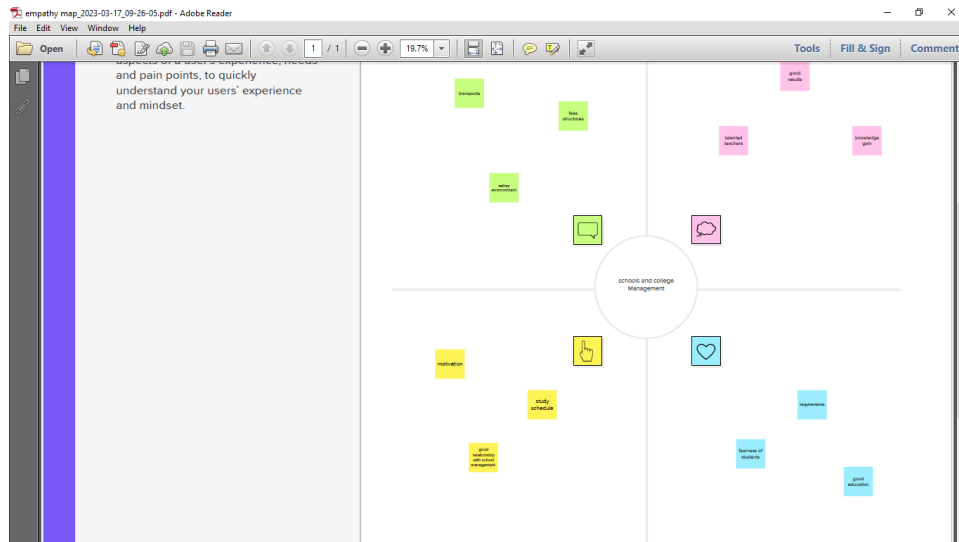
PURPOSE

The project aims to produce real time knowledge for all students of 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 the sales force. With the help of This project they will gain knowledge and can include it into their resume as well.

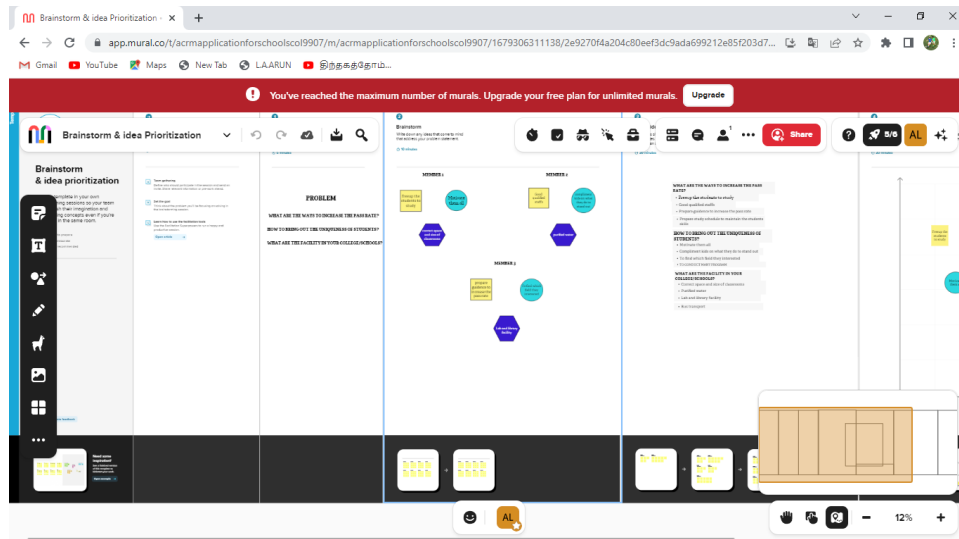
PROBLEM DEFINITION AND DESIGN THINKING

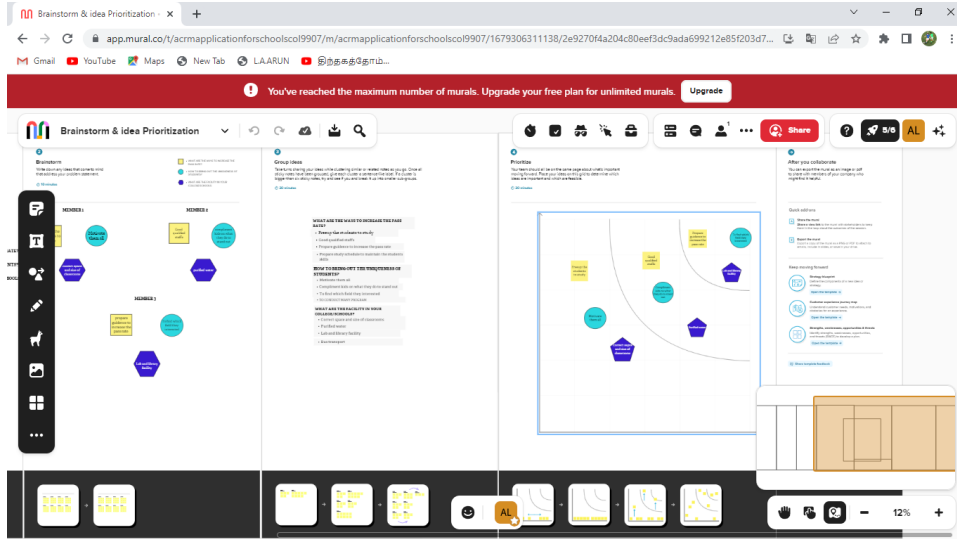
EMPATHY MAP





IDEATION AND BRAINSTORMING MAP





DATA MODEL

Object name	Fields in the object	
	Field Label	Data Type
School	Address	Text Area
	Phone Number	Phone
	Number of students	Roll-up summary
	Highest Marks	Roll-up summary
Student	Phone Number	Phone
	Master-relationship	School
	Results	Picklist
	Class	Number
Parents	Parent Address	Text Area
	Parent Number	Phone

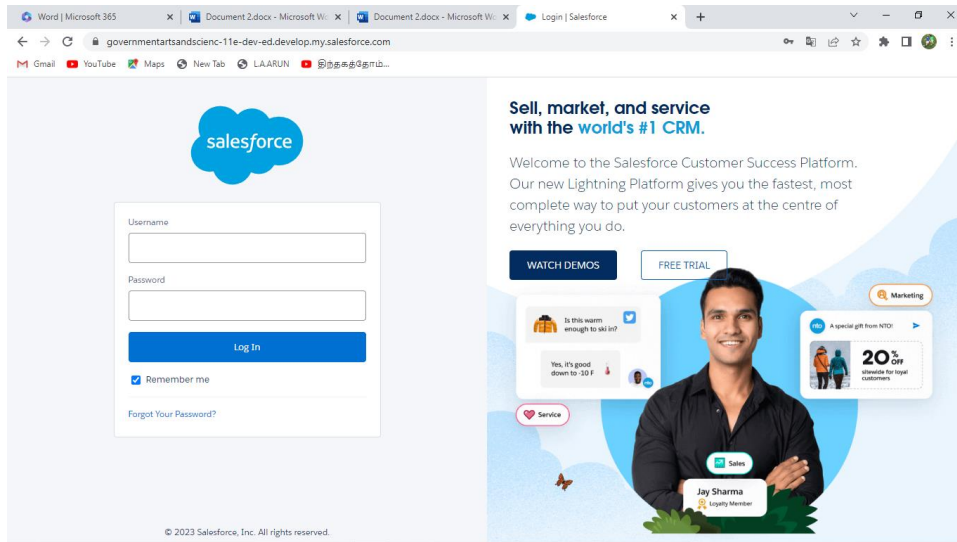
ACTIVITY AND SCREENSHOT

CREATING AN SALESFORCE ACCOUNT

we went to the website [developers.salesforce.com](https://www.salesforce.com) and signed up by giving our details

LOGIN TO SALESFORCE ACCOUNT

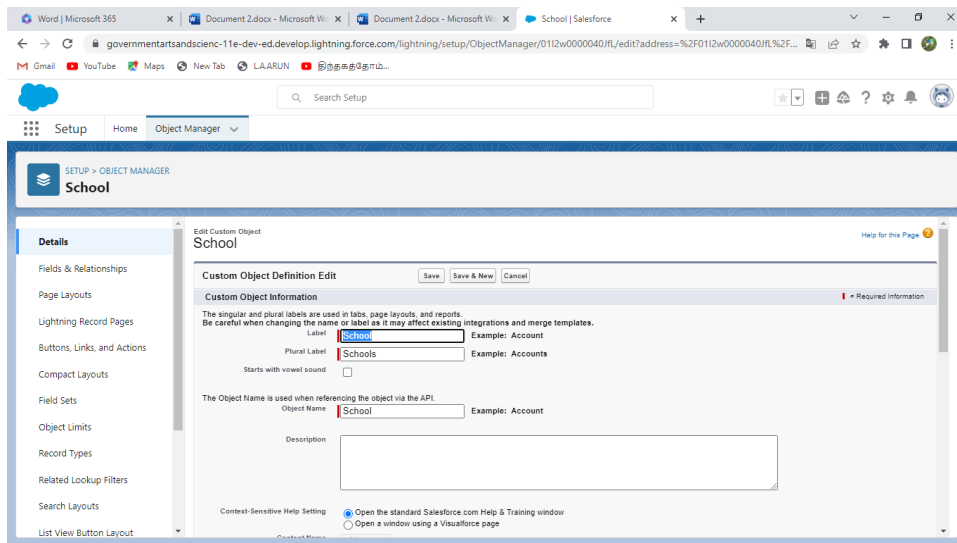
We gave our username and password which we created in the last step and logged in into the salesforce account



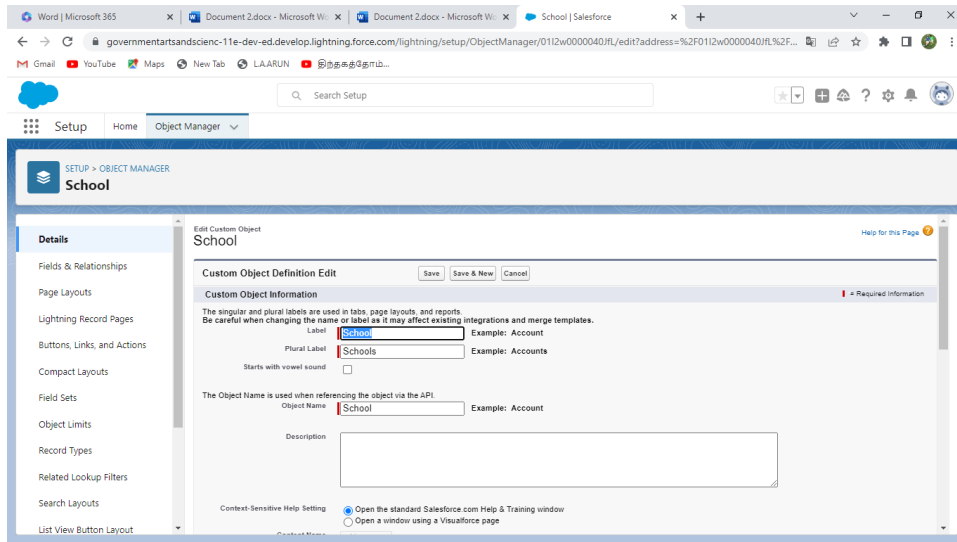
OBJECT CREATION

For this travel approval app, we created three objects namely.

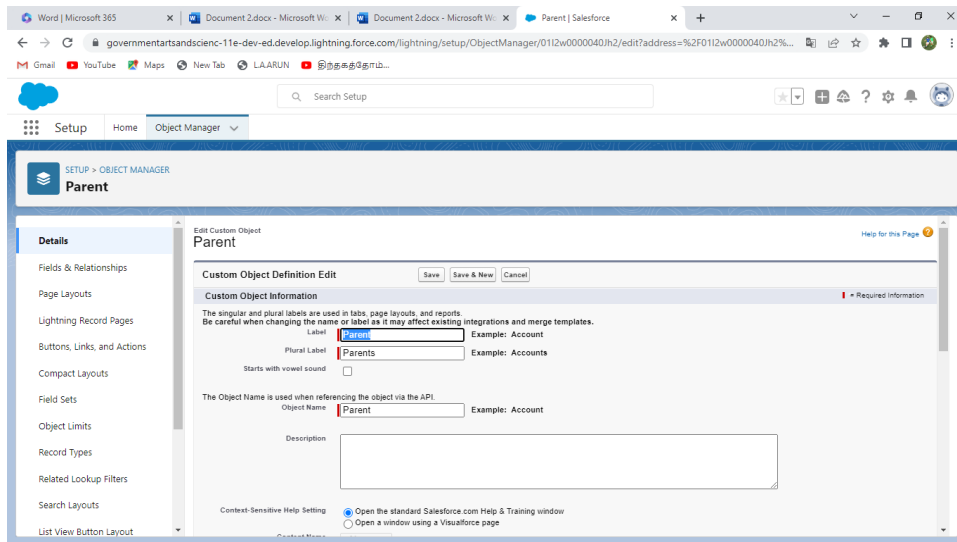
SCHOOL



STUDENT

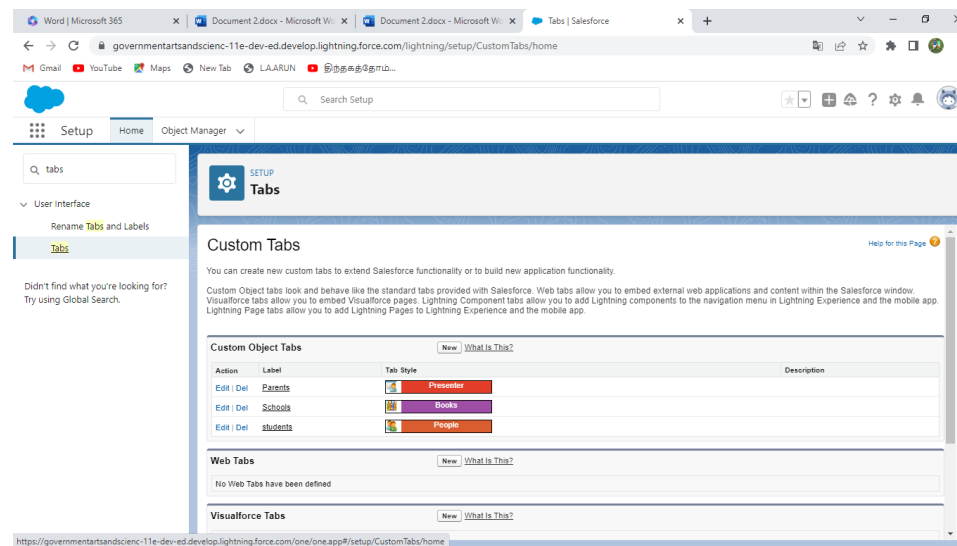
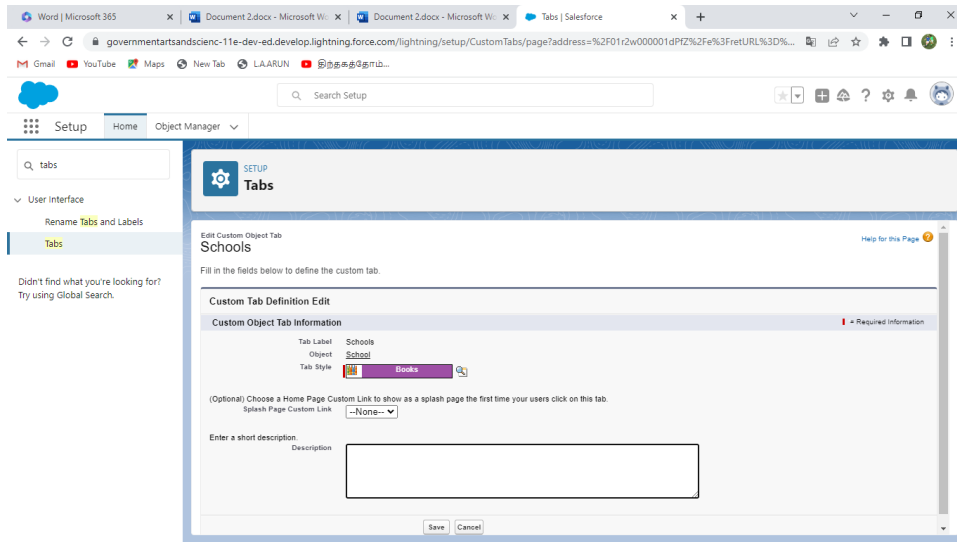


PARENTS



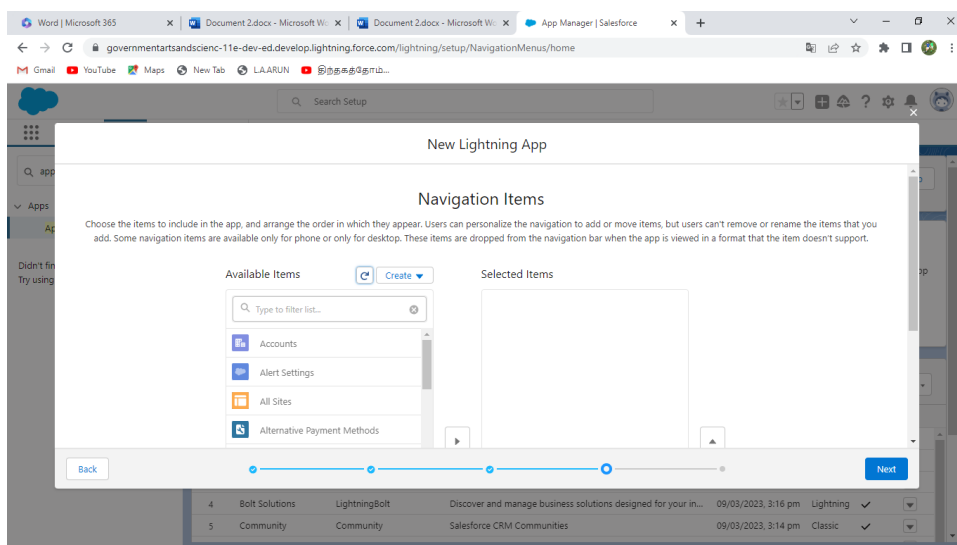
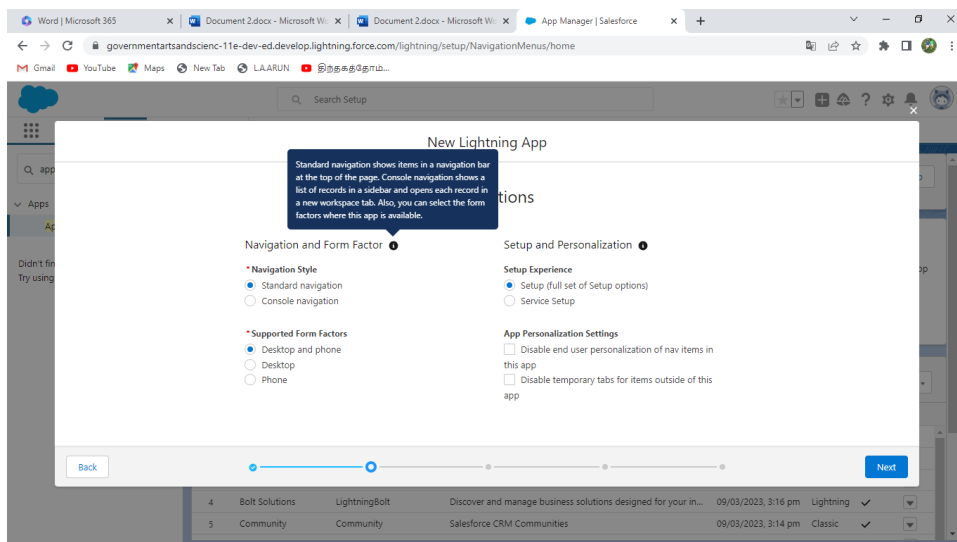
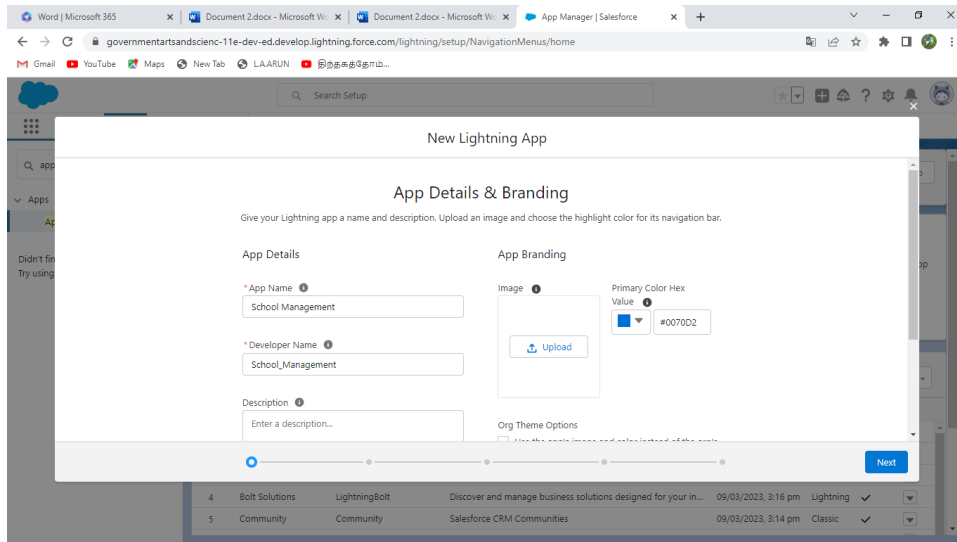
TAB CREATION

In the quick find box, we typed tabs and went inside it and clicked new and we gave the required details to create 3 tabs (School, Student, Parent)



CREATING THE SCHOOL MANAGEMENT APPLICATION

In the quick find box, we typed app manager and went inside it and new lightning app and created a school management application by giving the details.



FIELD AND RELATIONSHIP CREATION

In field and relationship creation we created 3 fields in the school management object.

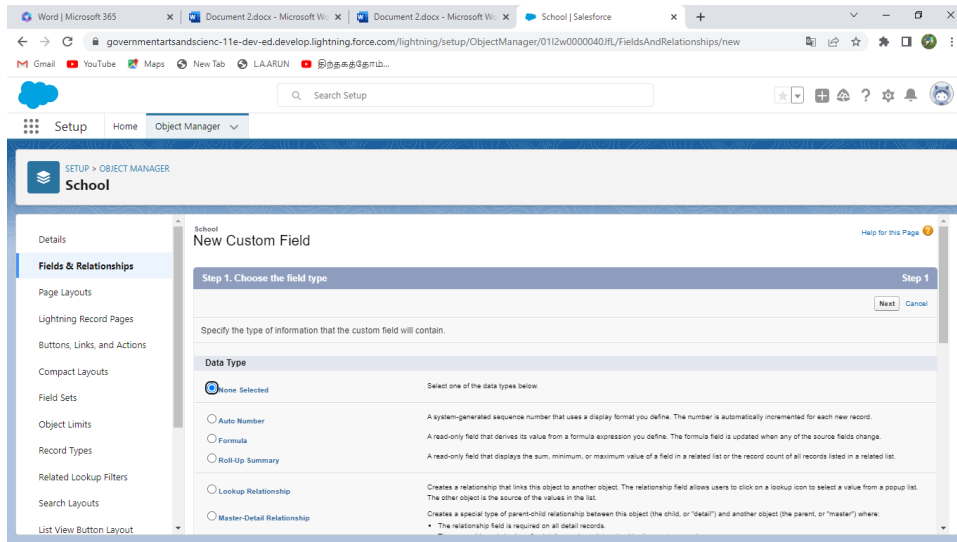
The image shows two screenshots of the Salesforce Object Manager interface. The top screenshot displays a list of standard objects, and the bottom screenshot shows the 'Fields & Relationships' section for the 'School' object.

Standard Objects List:

Label	API Name	Type	Description	Last Modified	Deployed
Account	Account	Standard Object			
Activity	Activity	Standard Object			
Alternative Payment Method	AlternativePaymentMethod	Standard Object			
API Anomaly Event Store	ApiAnomalyEventStore	Standard Object			
Appointment Invitation	AppointmentInvitation	Standard Object			
Appointment Invitee	AppointmentInvitee	Standard Object			
Appointment Topic Time Slot	AppointmentTopicTimeSlot	Standard Object			
Asset	Asset	Standard Object			
Asset Action	AssetAction	Standard Object			
Asset Action Source	AssetActionSource	Standard Object			
Asset Relationship	AssetRelationship	Standard Object			

Fields & Relationships for School Object:

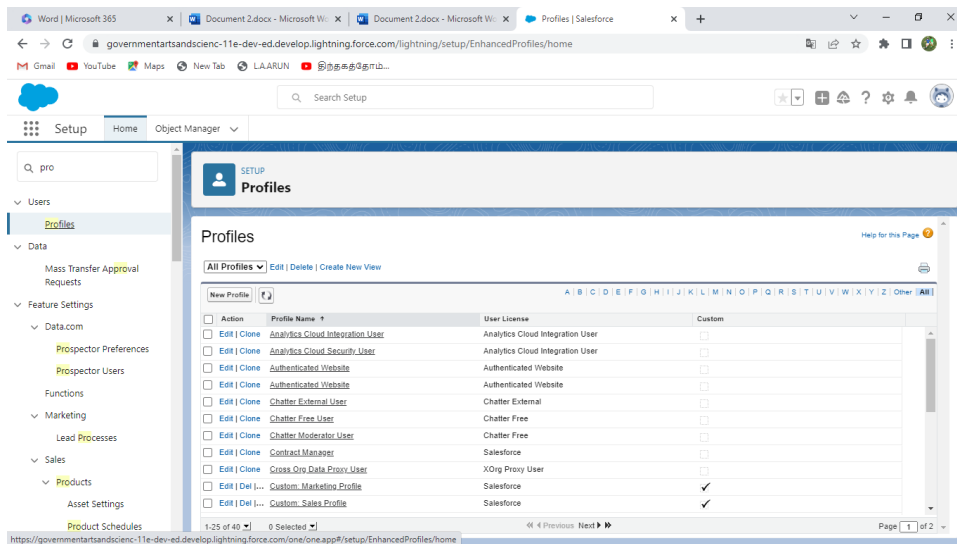
Field Label	Field Name	Data Type	Controlling Field	Indexed
Address	Address__c	Text Area(255)		
Created By	CreatedById	Lookup(User)		
District	District__c	Text Area(255)		
Highest Marks	Highest_Marks__c	Roll-Up Summary (MAX students)		
Last Modified By	LastModifiedById	Lookup(User)		
Number of students	Number_of_students__c	Roll-Up Summary (COUNT students)		
Owner	OwnerId	Lookup(User, Group)		✓
Phone Number	Phone_Number__c	Phone		

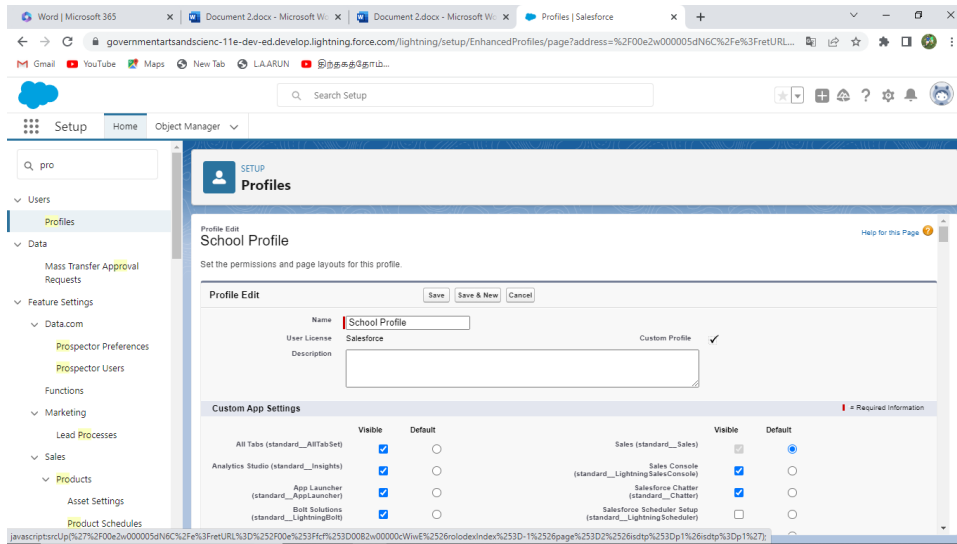


In addition to that we created 3 fields in the object. Hey are Text area, phone, roll-up summary, master relationship details, picklist, number.

PROFILE CREATION

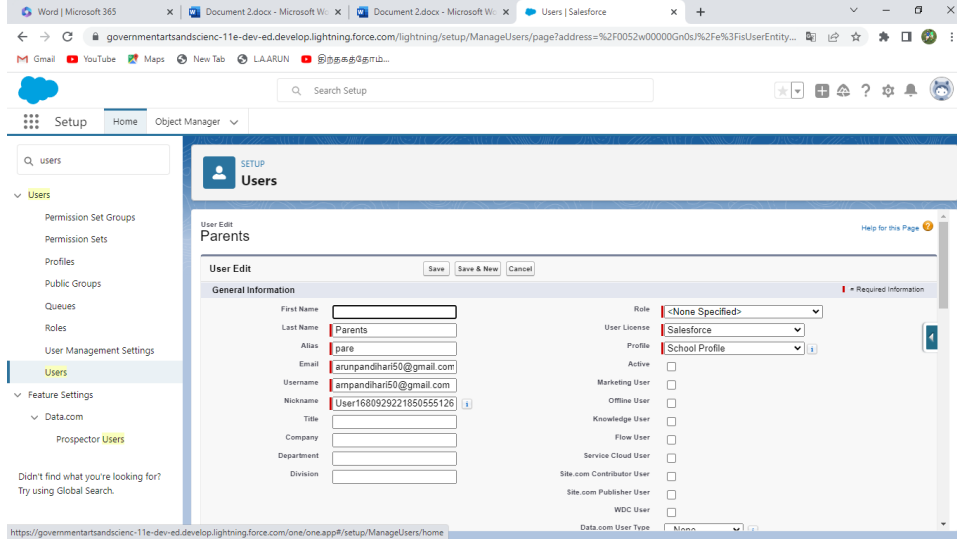
We created a profile. A profile can be assigned to many users, but the user can be assigned a single profile at a time.





CREATION OF USERS

The users account identifies the user, and the user account settings determined what Features and records the user can access.



Word | Microsoft 365 | Document 2.docx - Microsoft Wi... | Document 2.docx - Microsoft Wi... | Users | Salesforce

governmentartsandscienc-11e-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/home

Search Setup

Setup Home Object Manager

users

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

Didn't find what you're looking for? Try using Global Search.

SETUP Users

All Users

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](#)

View: [All Users](#) [Edit](#) [Create New User](#)

[New User](#) [Reset Password\(s\)](#) [Add Multiple Users](#)

Action	Full Name	Alias	Username	Role	Profile
<input type="checkbox"/> Edit	Chatter_Eveed	Chatter	chathr.00d2u0000r0vusea1.squidocx@00th@chatter.salesforce.com	✓	Chatter Free User
<input type="checkbox"/> Edit	L.A.BUNPASIDU	AL	anuneandi@vax.com	✓	System Administrator
<input type="checkbox"/> Edit	Parents	anuneandi@vax.com	anuneandi@vax.com		School Profile
<input type="checkbox"/> Edit	Principals	anuneandi@vax.com	anuneandi@vax.com	✓	School Profile
<input type="checkbox"/> Edit	Teachers	anuneandi@vax.com	anuneandi@vax.com		School Profile
<input type="checkbox"/> Edit	User_Integration	integration@00d2u0000r0vusea1.com	integration@00d2u0000r0vusea1.com	✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User_Security	anuneandi@vax.com	anuneandi@vax.com	✓	Analytics Cloud Security User

[New User](#) [Reset Password\(s\)](#) [Add Multiple Users](#)

Word | Microsoft 365 | Document 2.docx - Microsoft Wi... | Document 2.docx - Microsoft Wi... | Permission Sets | Salesforce

governmentartsandscienc-11e-dev-ed.develop.lightning.force.com/lightning/setup/PermSets/home

Search Setup

Setup Home Object Manager

permission

Users

Permission Set Groups

Permission Sets

Custom Code

Custom Permissions

Didn't find what you're looking for? Try using Global Search.

SETUP Permission Sets

Permission Sets

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](#)

[All Permission Sets](#) [Edit](#) [Delete](#) [Create New View](#)

[New](#) [Add](#)

Action	Permission Set Label	Description	License
<input type="checkbox"/> Clone	Buyer	Allows access to the store. Lets users see products and c...	B2B Buyer Permission Set One Seat
<input type="checkbox"/> Clone	Buyer Manager	Includes all Buyer capabilities, and allows access to mana...	B2B Buyer Manager Permission Set One Seat
<input type="checkbox"/> Clone	CRM User	Denotes that the user is a Sales Cloud or Service Cloud u...	CRM User
<input type="checkbox"/> Clone	Commerce Admin	Allow access to commerce admin features.	Commerce Admin Permission Set License Seats
<input type="checkbox"/> Clone	Contact Center Admin	Manage Service Cloud Voice contact centers that use Am...	Service Cloud Voice User
<input type="checkbox"/> Clone	Contact Center Agent	Access agent features in Service Cloud Voice contact cent...	Service Cloud Voice User
<input type="checkbox"/> Clone	Contact Center Supervisor	Access supervisor features in Service Cloud Voice contact...	Service Cloud Voice User
<input type="checkbox"/> Del Clone	Experience Profile Manager		Salesforce
<input type="checkbox"/> Clone	Facility Manager	Lets users create, read, edit, and delete locations, subloc...	Facility Manager

1:25 of 27 | 0 Selected | 4 Previous Next | Page 1 of 2

Word | Microsoft 365 | Document 2.docx - Microsoft Wi... | Document 2.docx - Microsoft Wi... | Permission Sets | Salesforce

governmentartsandscienc-11e-dev-ed.develop.lightning.force.com/lightning/setup/PermSets/page?address=%2Fudd%2FPermissionSet%2FnewPermissionSet...

Search Setup

Setup Home Object Manager

permission

Users

Permission Set Groups

Permission Sets

Custom Code

Custom Permissions

Didn't find what you're looking for? Try using Global Search.

SETUP Permission Sets

Permission Set Create

[Save](#) [Cancel](#)

Enter permission set information

Label

API Name

Description

Session Activation Required ☐

Select the type of users who will use this permission set

Who will use this permission set?

-Choose "None" if you plan to assign this permission set to multiple users with different user and permission set licenses. Choose a specific user license if you want users with only one license type to use this permission set.

-Choose a specific permission set license if you want this permission set license auto-assigned with the permission set.

Not sure what a permission set license is? [Learn more here.](#)

License

TRAILHEAD PROFILE PUBLIC URL

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TEAM MEMBER 2: M. GANESAN

TEAM MEMBER 3: A. SUMATHI

TEAM MEMBER 4: M. BOOBITHA LAKSHMI

ADVANTAGES

1. Improvement in the performance of the students
2. Parent centric
3. Increase the efficiency of the teachers
4. User-interface
5. Faster process
6. Improved communication
7. User requirements

DISADVANTAGES

1. Students Registration
2. Managing courses
3. Teacher Evaluation
4. Classroom Management
5. Managing Revenues

APPLICATION

A school management system is a software application that is designed to streamline various administrative tasks within a school. This system is designed to automate a range of processes such as enrolment, course scheduling, fees management, library management, attendance tracking, and more.

CONCLUSION

By using the app, both the schools and colleges get benefitted. This app is used to increase the efficiency of teachers. This app saves time of the schools and reduces the manpower. It takes into account all aspects of the school (materials, human resources, programs, activities, equipment) and integrates them into a fruitful whole.

SCOPES

Anything 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 comes under the scope of educational management. This scope of school management is very vast. it can be work range of view, outlook, field or opportunity of activity, operation and application of education.

