

1 INTRODUCTION

1.1 Overview

1. 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. With the help of this project they will gain knowledge and can include it into their resume as well.

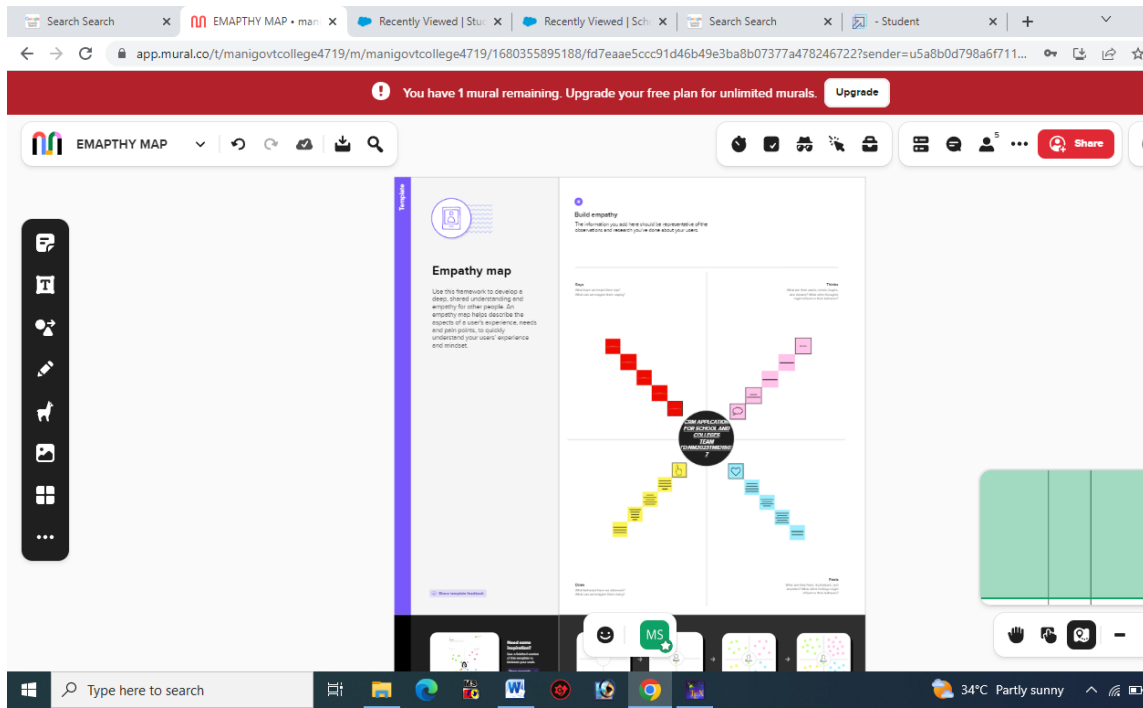
1.2 Purpose

We will learn

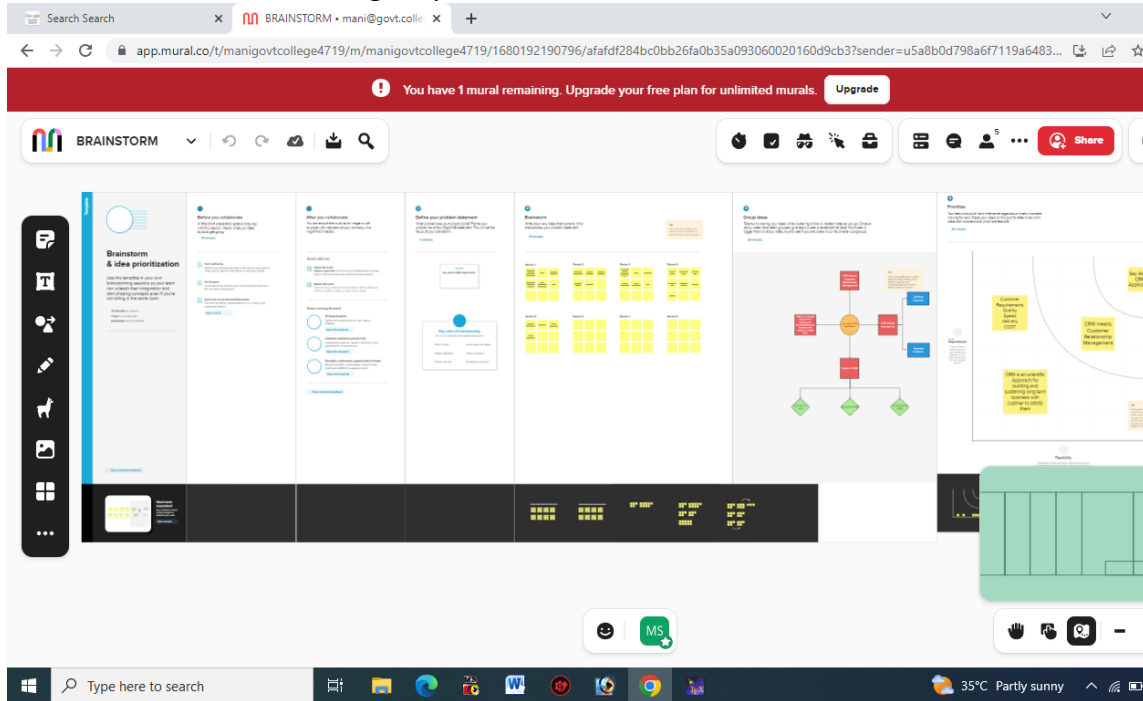
- 1.Real Time Salesforce Project
- 2.Object & Relationship in Salesforce
- 3.Profile
- 4.Users
- 5.Reports
- 6.Permission sets
- 7.Reports

2 Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstorming Map



3

RESULT

3.1 Data Model:

Object name	Fields in the Object
-------------	----------------------

obj1	Field label	Data type
	School	
obj2	Field label	Data type
	Student	
Obj3	Field lable	Data type
	Parents	

3.2 Activity & Screenshot

Milestone-2:Object

Student Object

The screenshot shows the Salesforce Setup interface for the 'Student' object. The browser address bar indicates the URL: `governmentartscollegeform-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000004Gle6/Details/view`. The page title is 'SETUP > OBJECT MANAGER Student'. On the left, a navigation menu lists various configuration options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The 'Details' section is currently selected and expanded, showing the following information:

- Description:** (Empty field)
- API Name:** Student_c
- Custom:** (Checked)
- Singular Label:** Student
- Plural Label:** Students
- Enable Reports:** (Checked)
- Track Activities:** (Empty field)
- Track Field History:** (Empty field)
- Deployment Status:** Deployed
- Help Settings:** Standard salesforce.com Help Window

An 'Edit' button is visible in the top right corner of the Details section. The Windows taskbar at the bottom shows the system clock as 35°C Sunny.

School Object

Search Search

Recently Viewed | Parents | Sales |

School | Salesforce

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governmentartscollegeform-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000004GIKa/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

School

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Details

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

Type here to search

35°C Sunny

Parent Object

Search Search

Recently Viewed | Parents | Sales |

Parent | Salesforce

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governmentartscollegeform-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000004Gmft/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Parent

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

Details

Description

API Name

Parent__c

Custom

✓

Singular Label

Parent

Plural Label

Parents

Enable Reports

✓

Track Activities

Track Field History

Deployment Status

Deployed

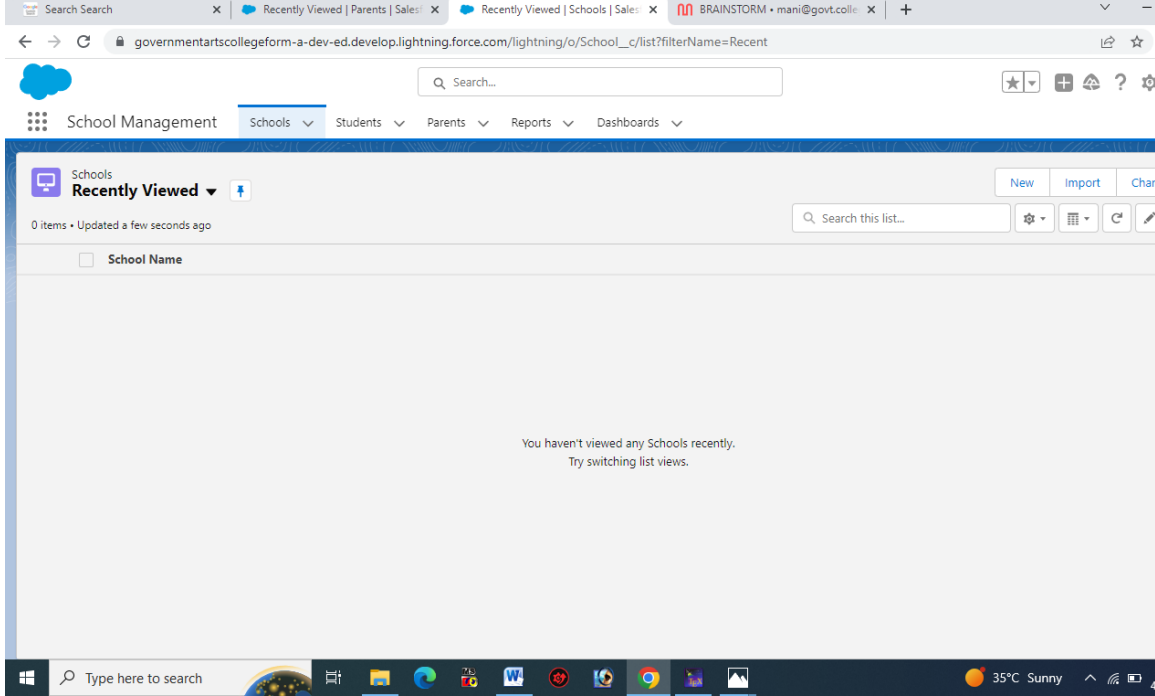
Help Settings

Standard salesforce.com Help Window

Type here to search

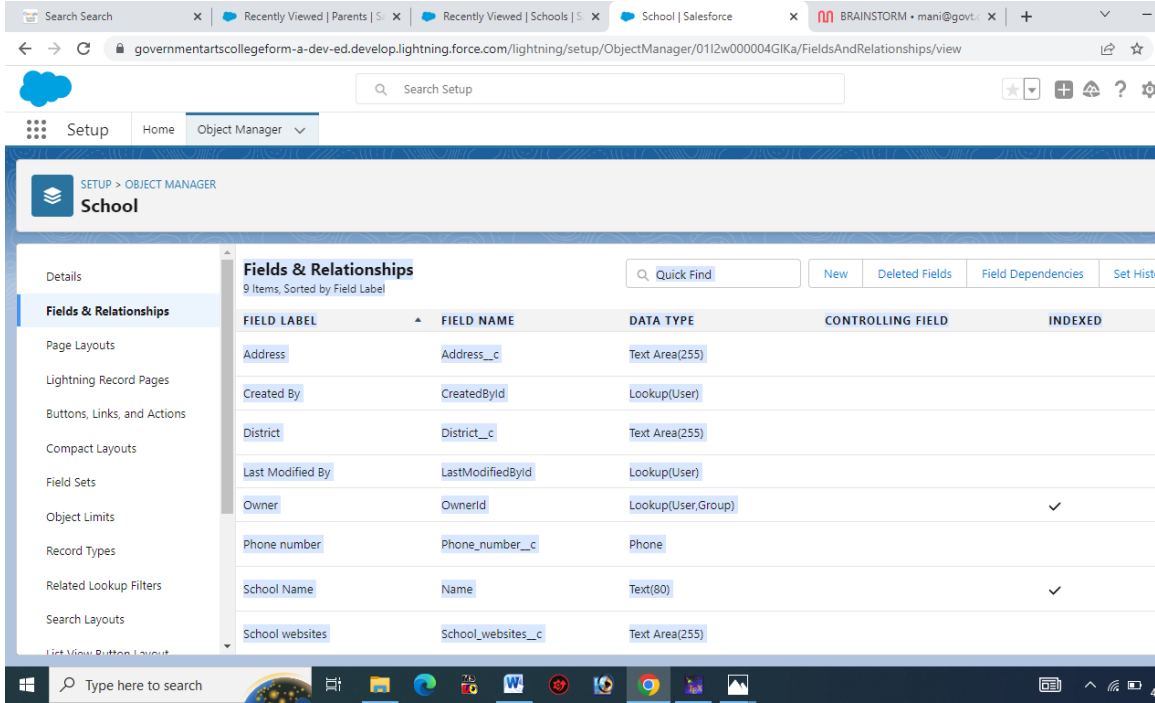
35°C Sunny

Milestone-3: Lightning App



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Milestone-4: Fields And Relationship
School Fields And Relationship



5

Student Fields And Relationship

Search Search

Recently Viewed | Parents | Schools | Student | Salesforce

governmentartscollegeform-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000004Gle6/FieldsAndRelationships/view

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Student

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

Fields & Relationships

8 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set Hierarchy

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)		
Phone number	Phone_number__c	Phone		
Results	Result__c	Picklist		
School	School__c	Master-Detail(School)		✓
Student Name	Name	Text(80)		✓

6

Parent Fields And Relationship

Search Search

Recently Viewed | Parents | Schools | Parent | Salesforce

governmentartscollegeform-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000004Gmft/FieldsAndRelationships/view

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Parent

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

Fields & Relationships

6 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

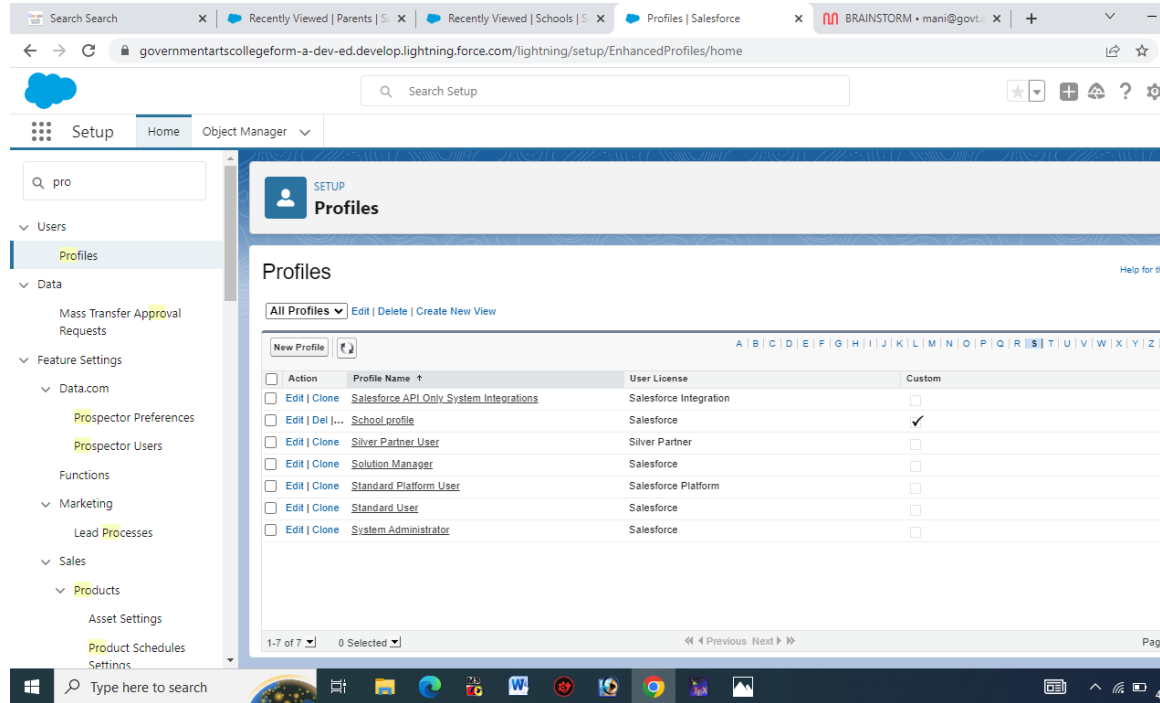
Field Dependencies

Set Hierarchy

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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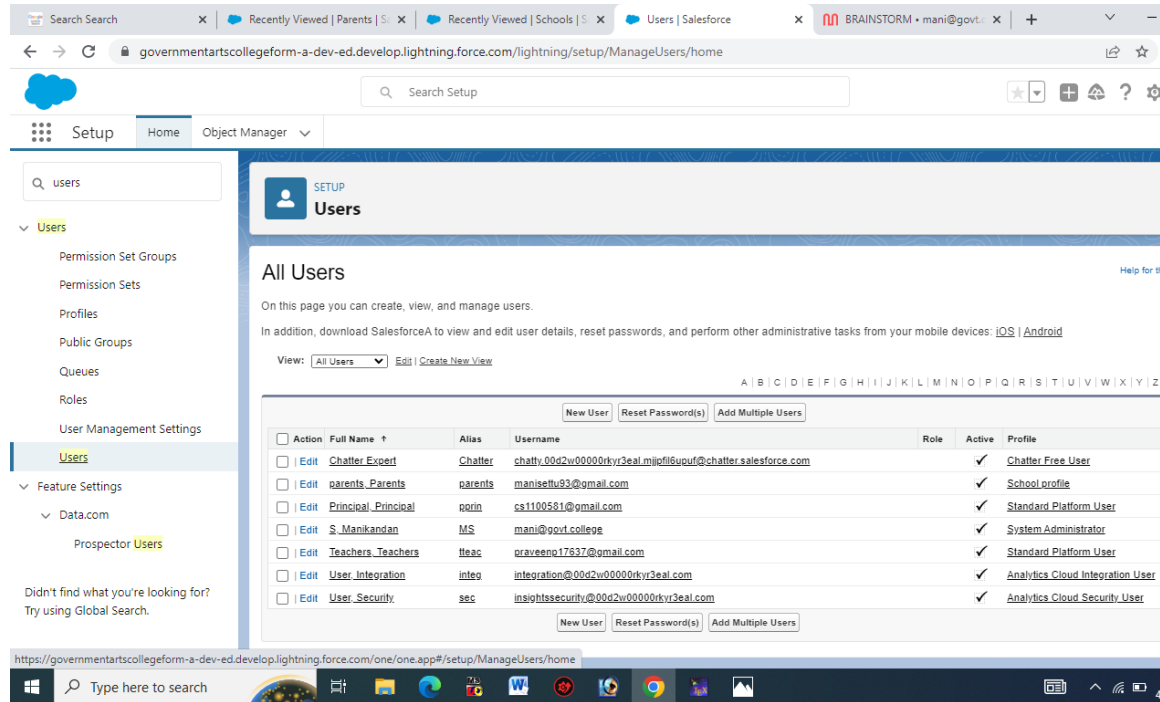
Milestone-5: Profile



The screenshot shows the Salesforce Setup interface for the 'Profiles' section. The left sidebar contains a navigation menu with 'Profiles' highlighted. The main content area displays a table of profiles with columns for Action, Profile Name, User License, and Custom. The table lists several profiles, including 'Salesforce API Only System Integrations', 'School profile', 'Silver Partner User', 'Solution Manager', 'Standard Platform User', 'Standard User', and 'System Administrator'. The 'School profile' is selected, and its 'Custom' checkbox is checked. The bottom of the screen shows the Windows taskbar with various application icons.

Action	Profile Name	User License	Custom
Edit Clone	Salesforce API Only System Integrations	Salesforce Integration	<input type="checkbox"/>
Edit Delete Clone	School profile	Salesforce	<input checked="" type="checkbox"/>
Edit Clone	Silver Partner User	Silver Partner	<input type="checkbox"/>
Edit Clone	Solution Manager	Salesforce	<input type="checkbox"/>
Edit Clone	Standard Platform User	Salesforce Platform	<input type="checkbox"/>
Edit Clone	Standard User	Salesforce	<input type="checkbox"/>
Edit Clone	System Administrator	Salesforce	<input type="checkbox"/>

Milestone-6: Users



The screenshot shows the Salesforce Setup interface for the 'Users' section. The left sidebar contains a navigation menu with 'Users' highlighted. The main content area displays a table of users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table lists several users, including 'Chatter Expert', 'parents_Parents', 'Principal_Principal', 'S_Manikandan', 'Teachers_Teachers', 'User Integration', and 'User Security'. The 'Chatter Expert' user is selected, and its 'Active' checkbox is checked. The bottom of the screen shows the Windows taskbar with various application icons.

Action	Full Name	Alias	Username	Role	Active	Profile
Edit Reset Password(s)	Chatter Expert	Chatter	chatter.00d2w00000kry3eal.mjptf6upuf@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
Edit Reset Password(s)	parents_Parents	parents	manisetfu92@gmail.com		<input checked="" type="checkbox"/>	School profile
Edit Reset Password(s)	Principal_Principal	prin	cs1100581@gmail.com		<input checked="" type="checkbox"/>	Standard Platform User
Edit Reset Password(s)	S_Manikandan	MS	mani@govt.college		<input checked="" type="checkbox"/>	System Administrator
Edit Reset Password(s)	Teachers_Teachers	teac	praveeno17837@gmail.com		<input checked="" type="checkbox"/>	Standard Platform User
Edit Reset Password(s)	User Integration	inte	integration@00d2w00000kry3eal.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
Edit Reset Password(s)	User Security	sec	insightssecurity@00d2w00000kry3eal.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User

Milestone-7:Permission Sets

Search Search

Recently Viewed | Parents | Schools | Permission Sets | Salesforce

governmentartscollegeform-a-dev-ed.develop.lightning.force.com/lightning/setup/PermSets/home

Setup

Home

Object Manager

permi

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

Action	Permission Set Label	Description	License
Del Clone	principal.Permissions		
Del Clone	Teacher permissions		
Clone	Subscription Management: Collections Dashboard User	Give users visibility into collection status in a given timefra...	Analytics View Only Embedded App
Clone	Standard Einstein Activity Capture	Access to Standard Einstein Activity Capture	Standard Einstein Activity Capture User
Clone	Slack Service User	Lets users run the flows for swarming with Service Cloud f...	Slack Service User
Clone	Shopper	Allow access to B2C Commerce features.	Commerce User
Clone	Service Cloud User	Denotes that the user is a Service Cloud user.	Service User
Clone	Security Center Integration User	Access Security Center for Integration	Cloud Integration User
Clone	Salesforce Console User	Enable Salesforce Console User	Sales Console User

1-25 of 27 | 0 Selected | Previous | Next

Milestone-8

:
Reports

Search Search

Recently Viewed | Parents | Schools | Lightning Experience | Salesforce

governmentartscollegeform-a-dev-ed.develop.lightning.force.com/lightning/o/School__c/list?filterName=Recent

School Management

Schools

Students

Parents

Reports

Dashboards

Schools

Recently Viewed

0 items • Updated a few seconds ago

School Name

You haven't viewed any Schools recently. Try switching list views.

Trailhead Profile Public URL

Team Lead - <https://trailblazer.me/id/hgahlot3>

Team Member 1 -

Team Member 2 -

Team Member 3 –

5 **ADVANTAGES & DISADVANTAGE**

ADVANTAGES:

- It makes the management as very simply
- It will helps us to create a bonding between Parents and Teachers
- School and Teachers
- Efficiently

DISADVANTAGES:

- It will make man lasy
- If small error will make big problem
- costly

6 **APPLICATIONS**

- This Project will use in School Management
- Also use in college
- It will make our work easily
- Complicated work are made within few steps

7 **CONCLUSION**

The Project is very useful for school and collges.
CRM –means Customer Relationship Management
It makes the management as very easy

8 **FUTURE SCOPE**

- In future it will occupie every where.
- It play major role in future