

Project Title: College Management Application

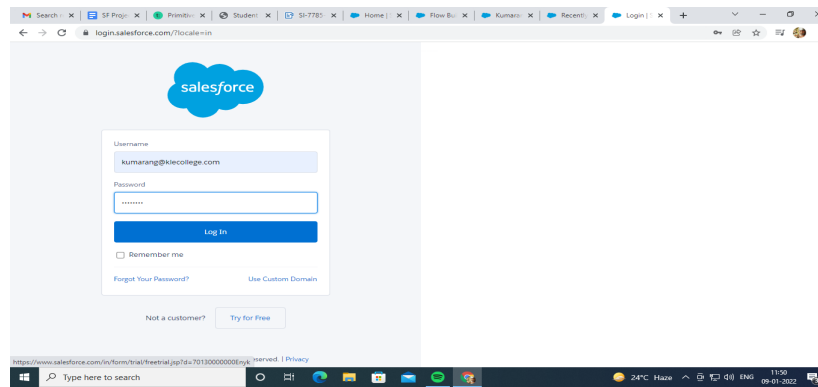
## Day 1 :

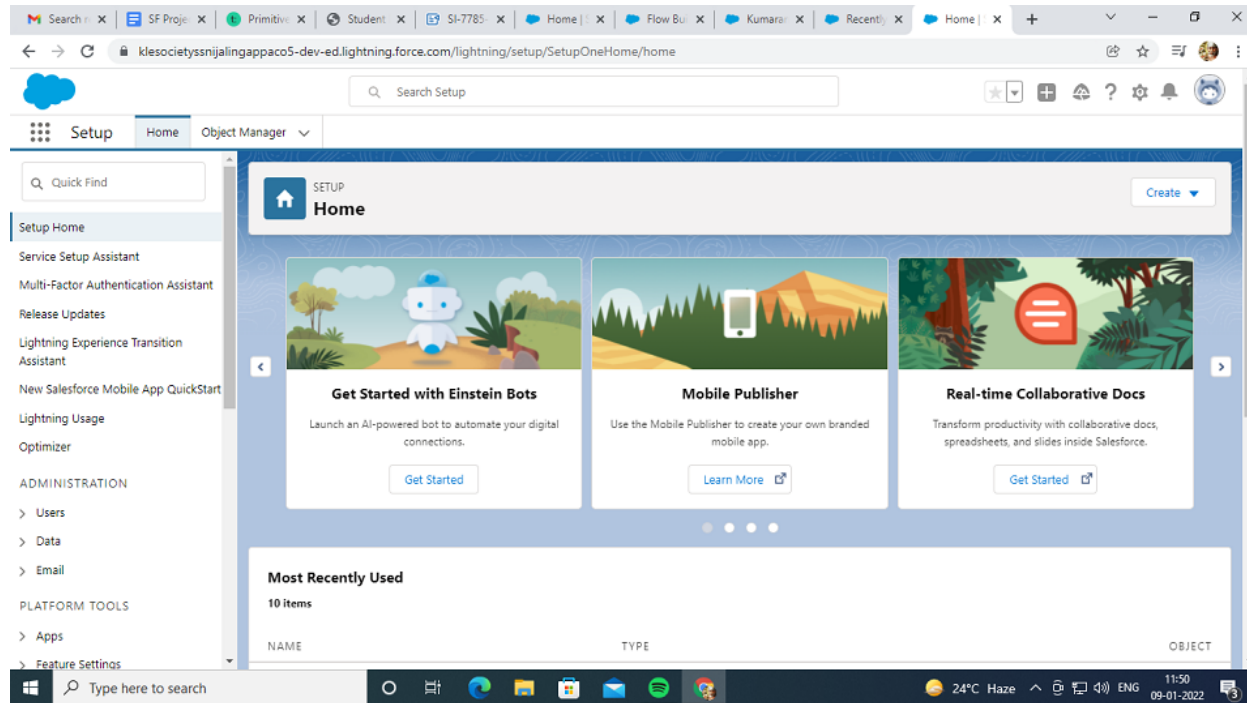
Topic: Salesforce Overview

Milestone / Activities: To create a salesforce account and logging in into salesforce.

Detailed Description: The mentor has taught us how to create the salesforce account. He has also taught about types of environment, and how to create the custom object.

Upload the Screenshot the Milestone / Activities :





## Day 2 :

Topic: Setting up first app, custom object and Fields creation

Milestone / Activities: Creation of objects for application and creation of fields for Application form, College, student, Subject object.

Detailed Description: To create the objects required for college management application. To create the required fields for Application form , student, college, Subject with required datatype and the formulas.

Upload the Screenshot the Milestone / Activities :

Search Setup

Setup Home Object Manager

### Application Form

**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  
Application\_Form\_\_c

Custom  
✓

Singular Label  
Application Form

Plural Label  
Application Forms

Enable Reports  
✓

Track Activities  
✓

Track Field History  
✓

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

Edit Delete

https://klesocietyssnjalingappaco5-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j0000008BIYy/Details/view

Type here to search

Search Setup

### Application Form

**Fields & Relationships**

14 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Text(255)		
Application Form Id	Name	Auto Number		✓
College	College__c	Master-Detail(College)		✓
College Fees	College_Fees__c	Formula (Currency)		
Created By	CreatedById	Lookup(User)		
Date of Birth	Date_of_Birth__c	Date		
Email	Email__c	Email (Unique)		✓
Guardian Name	Guardian_Name__c	Text(30)		
Hostel Fees	Hostel_Fees__c	Formula (Currency)		
Last Modified By	LastModifiedById	Lookup(User)		
Looking For Hostel Stay	Looking_For_Hostel_Stay__c	Checkbox		
Phone	Phone__c	Phone		
Ready To Join	Ready_To_Join__c	Checkbox		
Student Name	Student_Name__c	Text(30)		

Search | x | SF Proj | x | Primitive | x | Student | x | SI-7785 | x | College | x | Flow Bu | x | Kumara | x | Recent | x | Home | x | +

← → ↺ klesocietysnjalingappaco5-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j0000008IPv/FieldsAndRelationships/view 🔍 Search Setup

Setup Home Object Manager

College

Details

Fields & Relationships

9 Items, Sorted by Field Label 🔍 Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Capacity Of Students	Capacity_Of_Students__c	Picklist	College Name	
College Email	College_Email__c	Picklist	College Name	
College Fees	College_Fees__c	Currency(7, 2)		
College Name	College_Name__c	Picklist		
Created By	CreatedById	Lookup(User)		
Hostel Fees	Hostel_Fees__c	Currency(8, 2)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User:Group)		✓
Record Info	Name	Text(80)		✓

Page Layouts  
Lightning Record Pages  
Buttons, Links, and Actions  
Compact Layouts  
Field Sets  
Object Limits  
Record Types  
Related Lookup Filters  
Search Layouts  
Search Layouts for Salesforce Classic  
Restriction Rules  
Triggers  
Validation Rules

Search | x | SF Proj | x | Primitive | x | Student | x | SI-7785 | x | Student | x | Flow Bu | x | Kumara | x | Recent | x | Home | x | +

← → ↺ klesocietysnjalingappaco5-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j0000008J6r/Details/view 🔍 Search Setup

Setup Home Object Manager

Student

Details

Edit Delete

Description

API Name  
Student\_\_c

Custom  
✓

Singular Label  
Student

Plural Label  
Students

Enable Reports  
✓

Track Activities  
✓

Track Field History  
✓

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

Fields & Relationships  
Page Layouts  
Lightning Record Pages  
Buttons, Links, and Actions  
Compact Layouts  
Field Sets  
Object Limits  
Record Types  
Related Lookup Filters  
Search Layouts  
Search Layouts for Salesforce Classic  
Restriction Rules  
Triggers  
Validation Rules

Search | x | SF Proj | x | Primitive | x | Student | x | SI-7785 | x | Student | x | Flow Bu | x | Kumara | x | Recent | x | Home | x | +

← → ↻ klesocietyssnjalingappaco5-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000BJ6r/FieldsAndRelationships/view 🔍 Search Setup

Setup Home Object Manager

Student

Details Fields & Relationships 10 Items, Sorted by Field Label 🔍 Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Text(255)		
Application Form	Application_Form__c	Lookup(Application Form)		✓
College Name	College_Name__c	Formula (Text)		
Created By	CreatedById	Lookup(User)		
Date Of Birth	Date_Of_Birth__c	Date		
Guardian Name	Guardian_Name__c	Text(30)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User.Group)		✓
Phone	Phone__c	Phone		
Student Name	Name	Text(80)		✓

https://klesocietyssnjalingappaco5-dev-ed.lightning.force.com/one/one.app#/set...

Type here to search

25°C Haze 11:58 09-01-2022

Search | x | SF Proj | x | Primitive | x | Student | x | SI-7785 | x | Subject | x | Flow Bu | x | Kumara | x | Recent | x | Home | x | +

← → ↻ klesocietyssnjalingappaco5-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000BJK5/FieldsAndRelationships/view 🔍 Search Setup

Setup Home Object Manager

Subject

Details Fields & Relationships 8 Items, Sorted by Field Label 🔍 Quick Find New Deleted Fields Field Dependencies Set History Tracking

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)		✓
Paper 1	Paper_1__c	Picklist		
Paper 2	Paper_2__c	Picklist		
Student	Student__c	Lookup(Student)		✓
Subject ID	Subject_ID__c	Auto Number		
Subject Name	Name	Text(80)		✓

Type here to search

25°C Haze 11:59 09-01-2022

**Day 3 :**

Topic: Profiles,record types and automation

Milestone / Activities: To create field dependencies, global value sets and

validation rules

Detailed Description: Field Dependencies in Salesforce are the filters that allow user to change the contents of a picklist based on the value of another field.

Global value set is nothing picklist value or can be defined as picklist is a restricted picklist by nature.the values can be added or modified by the system admin.

Validation rule is the rule created for a particular field or a condition used.

Upload the Screenshot the Milestone / Activities :

The screenshot shows the Salesforce Setup interface for the 'College' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, Search Layouts for Salesforce Classic, Restriction Rules, Triggers, and Validation Rules. The main content area is titled 'College Field Dependencies' and includes a 'New' button. Below the title is a table with the following data:

Action	Controlling Field	Dependent Field	Modified By
Edit   Del	College Name	College Email	ADMINISTRATOR 1/7/2022, 4:13 AM
Edit   Del	College Name	Capacity Of Students	ADMINISTRATOR 1/7/2022, 4:22 AM

The bottom of the image shows a Windows taskbar with the search bar, task view button, and several application icons. The system tray on the right indicates a temperature of 25°C, Haze weather, and the date/time as 12:11 on 09-01-2022.

Search result: x SF Project Re: x Primitive Dat: x Student Dash: x SI-7785-164: x Recently View: x College | Sale: x global picklist: x

← → ↻ klesocietyssnjalingappaco5-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j0000008IPv/ValidationRules/view

Setup Home Object Manager

Validation Rules

1 Items, Sorted by Rule Name

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
College_Name_Similar	Top of Page	Please use same college name in Record Info.	✓	KUMARAN G. 1/7/2022, 4:46 AM

https://klesocietyssnjalingappaco5-dev-ed.lightning.force.com/one/one.app#/setup/ObjectManager/0115j0000008IPv/ValidationRules/view

Type here to search

25°C Haze 12:11 09-01-2022

Search result: x SF Project Re: x Primitive Dat: x Student Dash: x SI-7785-164: x Recently View: x Picklist Value: x global picklist: x

← → ↻ klesocietyssnjalingappaco5-dev-ed.lightning.force.com/lightning/setup/Picklists/home

Setup Home Object Manager

Picklist Value Sets

Global picklist value sets let you share the values across objects. Base custom picklist fields on a global value set to inherit its values. The value set is restricted so users can't add unapproved values through the API.

View: (All) Available Picklist Value Sets

Action	Label	Description
Edit   Del	College Name	
Edit   Del	College 1	
Edit   Del	College 2	
Select Global Value Set(s)		

https://klesocietyssnjalingappaco5-dev-ed.lightning.force.com/one/one.app#/set...

Type here to search

25°C Haze 12:11 09-01-2022

Day 4 :

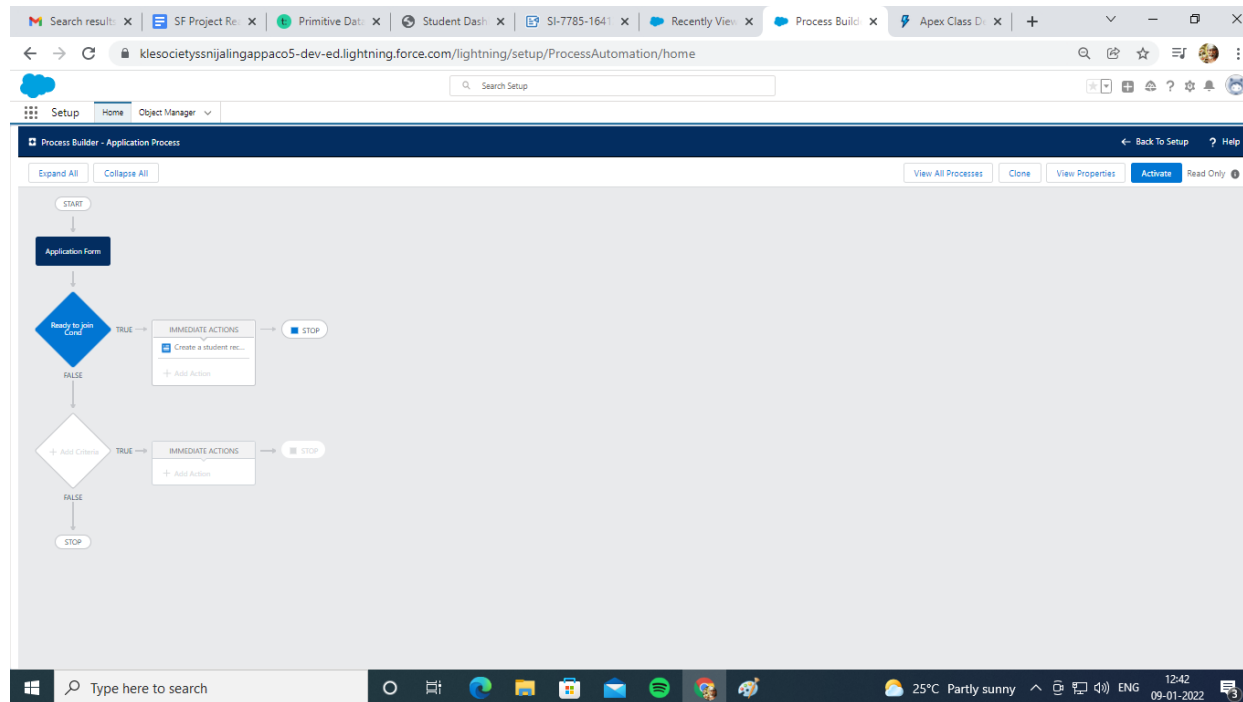
Topic: Automation, security and sharing overview of Apex class

Milestone / Activities: To create the process automation.

Detailed Description: There are types of security, they are field level security and so on

apex class can be defined as top-level classes (also called outer classes) as well as inner classes, that is, a class defined within another class apex class.

Upload the Screenshot the Milestone / Activities :





Search results: x SF Project Re: x Primitive Dat: x Student Dash: x SI-7785-164: x Recently View: x Application F: x Apex Class D: x

klesocietysnjalingappaco5-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j0000008IYy/FieldsAndRelationships/00N5j0000080mIQ/edit?standar...

Setup Home Object Manager

Application Form

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

Search Layouts for Salesforce Classic

Restriction Rules

Triggers

Validation Rules

Field-Level Security

College Fees

Save Cancel

Field Label	College Fees	Date Type	Formula (Currency)
Field-Level Security for Profile			
Analytics Cloud Integration User			
Analytics Cloud Security User			
Contract Manager			
Ones Org Data Proxy User			
Custom: Marketing Profile			
Custom: Sales Profile			
Custom: Support Profile			
Form.com - App Subscription User			
Form.com - Free User			
Gold Partner User			
Identity User			
Marketing User			
Minimum Access - Salesforce			
Partner App Subscription User			
Partner Community Login User			
Partner Community User			
Read Only			
Silver Partner User			
Solution Manager			
Standard Platform User			

Type here to search

25°C Partly sunny 12:44 09-01-2022

**Day 5 :**

Topic: Primitive data types and collection

Milestone / Activities: Student record using flow

Detailed Description:

Upload the Screenshot the Milestone / Activities :

