

Name: Juveriya Tamkeen

Project Title: College Management Application

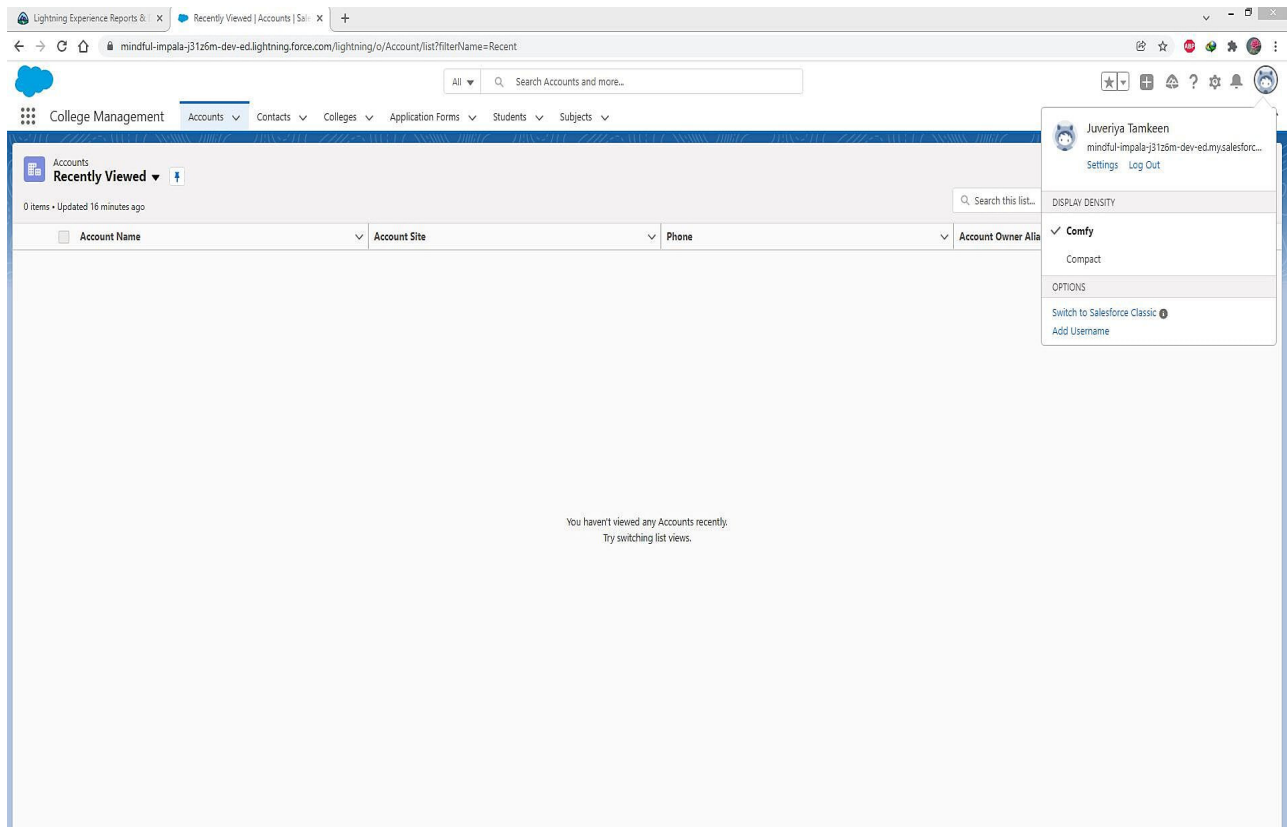
Day 1 :

Topic: Create Your Salesforce Developer Org

Milestone / Activities: Created Salesforce Account

Detailed Description: I have already created Salesforce Account.

Upload the Screenshot the Milestone / Activities :



Day 2 :

Topic : Custom Object Creation

Milestone / Activities : Created Custom Objects for

1. College.
2. Application Form.
3. Students.
4. Subjects.

Detailed Description :

1. Fields created for college object are
 - Record Info
 - College Fees
 - Hostel Fees
 - College Name
 - Email
 - Capacity Of Students
2. Fields created for Application form object are
 - Application Form ID
 - Address
 - College
 - College Fees
 - Hostel Fees
 - date of Birth
 - Email
 - Guardian Name
 - Looking For Hostel Stay
 - Ready To Join
 - Student Name

- Phone

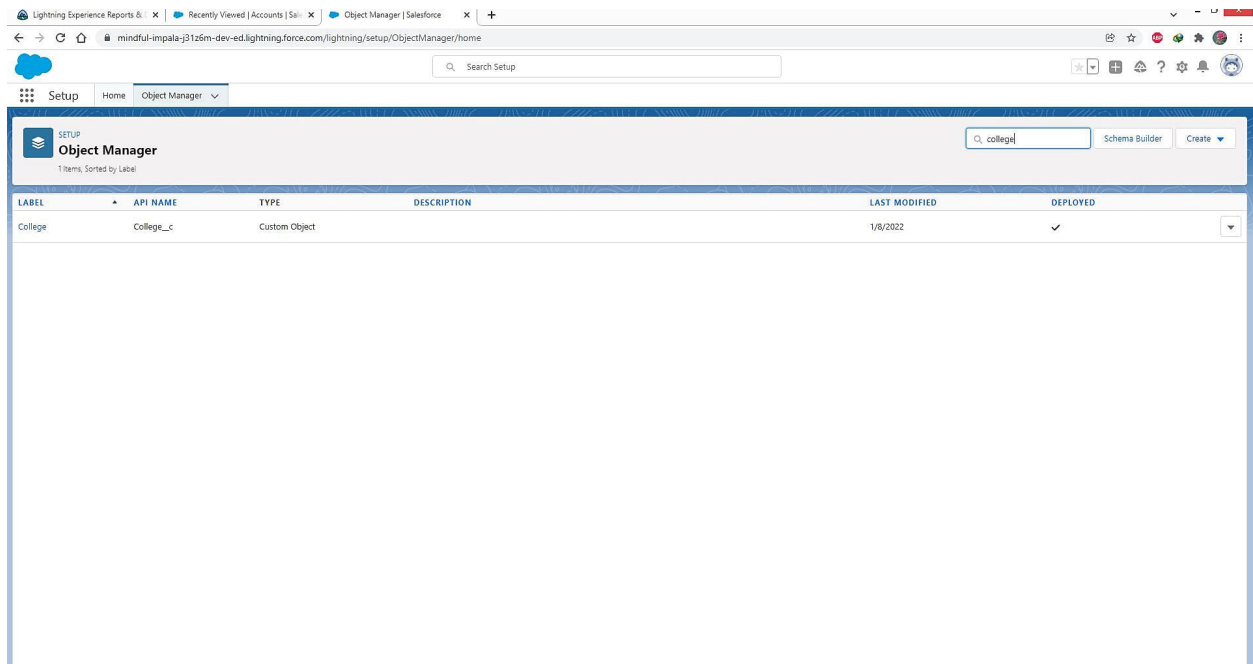
3. Fields created for Students object are

- Student Name
- Address
- Application Form
- College Name
- Date Of Birth
- Guardian Name
- Phone

4. Fields created for Subject object are

- Subject ID
- Paper 1
- Paper2
- Student

Upload the Screenshot the Milestone / Activities :



Lightning Experience Reports & | Recently Viewed | Accounts | Sel | Object Manager | Salesforce

mindful-impala-j3126m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/home

Search Setup

Setup Home Object Manager

Object Manager

1 Items, Sorted by Label

APR

Schema Builder

Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Application Form	Application_Form__c	Custom Object		1/19/2022	✓

Lightning Experience Reports & | Recently Viewed | Accounts | Sel | Object Manager | Salesforce

mindful-impala-j3126m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/home

Search Setup

Setup Home Object Manager

Object Manager

1 Items, Sorted by Label

STUD

Schema Builder

Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Students	Students__c	Custom Object		1/19/2022	✓

Lightning Experience Reports & | X | Recently Viewed | Accounts | Sales | X | Object Manager | Salesforce | X | +

mindful-impala-j31z6m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/home

Search Setup

Setup Home Object Manager

SETUP

Object Manager

1 Items, Sorted by Label

Q SUB

Schema Builder

Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Subjects	Subjects_c	Custom Object		1/10/2022	✓

Lightning Experience Reports & | X | Recently Viewed | Accounts | Sales | X | College | Salesforce | X | New Tab | X | +

mindful-impala-j31z6m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/015j000000BJOM/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

College

Details

Fields & Relationships

10 Items, Sorted by Field Label

Q 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 Fees	College_Fees_c	Currency(7, 2)		✓
College Name	College_Name_c	Picklist		✓
College Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Email	Email_c	Picklist	College Name	✓
Hostel Fees	Hostel_Fees_c	Currency(6, 2)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Record Info	Record_Info_c	Text(25)		✓

Lightning Experience Reports & | Recently Viewed | Accounts | Sales | New Tab

mindful-impala-j31z6m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/015J0000008LmN/FieldsAndRelationships/view

Search Setup

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Application Form

Details

Fields & Relationships

15 Items. Sorted by Field Label

Q Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Address	Address__c	Text(255)		
Lightning Record Pages	Application Form Name	Name	Text(80)		✓
Buttons, Links, and Actions	Application Form ID	Application_Form_ID__c	Auto Number		
Compact Layouts	College	College__c	Master-Detail(College)		✓
Field Sets	College Fees	College_Fees__c	Formula (Currency)		
Object Limits	Created By	CreatedBy	Lookup(User)		
Record Types	date of Birth	date_of_Birth__c	Date		
Related Lookup Filters	Email	Email__c	Email (Unique)		✓
Search Layouts	Guardian Name	Guardian_Name__c	Text(30)		
Search Layouts for Salesforce Classic	Hostel Fees	Hostel_Fees__c	Formula (Currency)		
Restriction Rules	Last Modified By	LastModifiedBy	Lookup(User)		
Triggers	Looking For Hostel Stay	Looking_For_Hostel_Stay__c	Checkbox		
Validation Rules	Phone	Phone__c	Phone		
	Ready To Join	Ready_To_Join__c	Checkbox		

The screenshot shows the Salesforce Lightning Experience interface. At the top, there's a navigation bar with 'Setup' and 'Object Manager' tabs. Below this, the 'Students' object is selected. The 'Fields & Relationships' tab is active, displaying a table of 11 fields. The table has columns for 'FIELD LABEL', 'FIELD NAME', 'DATA TYPE', 'CONTROLLING FIELD', and 'INDEXED'. The fields listed are: Address (Text(255)), Application Form (Lookup(Application Form)), College Name (Formula (Text)), Created By (Lookup(User)), Date Of Birth (Date), Guardian Name (Text(30)), Last Modified By (Lookup(User)), Owner (Lookup(User/Group)), Phone (Phone), Student Name (Text(30)), and Students Name (Text(80)).

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	Student_Name__c	Text(30)		
Students Name	Name	Text(80)		✓

Lightning Experience Reports & | X | Recently Viewed | Accounts | Sales | X | Subjects | Salesforce | X | New Tab | X | +

mindful-impala-j3126m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000ELst/FieldsAndRelationships/view

Search Setup

Setup | Home | Object Manager

SETUP > OBJECT MANAGER

Subjects

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(UserGroup)		✓
Paper 1	Paper1__c	Picklist		
Paper2	Paper2__c	Picklist		
Students	Students__c	Lookup(Students)		✓
Subject ID	Subject_ID__c	Auto Number		
Subjects Name	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

Day 3 :

Topic: Adding business Logic to Application

Milestone / Activities: Created global picklist value sets, field dependency, validation rule, process automation and student record using flow.

Detailed Description: Global picklist value sets are

- College
- Paper 1
- Paper 2

field dependency, validation rule, process automation and student record using flow.

Upload the Screenshot the Milestone / Activities :

The screenshot displays the Salesforce Object Manager interface for the 'College' object. The left sidebar shows the navigation menu with 'Fields & Relationships' selected. The main content area is titled 'Picklist Values Used' and shows 'Active and inactive picklist values' (13 (1,000 max)).

Field Dependencies:

Action	Dependent Field	Data Type	Modified By
Edit Del	Capacity Of Students	Picklist	Jusreya Tambees 1/10/2022, 2:32 AM
Edit Del	Email	Picklist	Jusreya Tambees 1/10/2022, 2:30 AM

Validation Rules:

No validation rules defined.

Values:

Values	API Name	Default	Chart Colors	Modified By
MIT - BLR	MIT - BLR	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 5:47 AM
MIT - MAA	MIT - MAA	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 5:47 AM
MIT - HYD	MIT - HYD	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 5:47 AM
MIT - DEL	MIT - DEL	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 5:47 AM
MIT - MUM	MIT - MUM	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 5:47 AM
MIT - COU	MIT - COU	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 5:47 AM
APEX	APEX	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 2:26 AM
JAVA	JAVA	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 2:26 AM
C	C	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 2:26 AM
C++	C++	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 2:26 AM
MATHEMATICS	MATHEMATICS	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 2:26 AM
ENGLISH	ENGLISH	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 2:26 AM
STATISTICS	STATISTICS	<input type="checkbox"/>	Assigned dynamically	Jusreya Tambees 1/10/2022, 2:26 AM

Inactive Values:

No inactive values defined.

Always show me more records per related list

Google

Student Dashboard

SI-7957-16412280

WhatsApp

Lightning Experience

Recently Viewed

Subjects | Salesforce

Subjects | Salesforce

Object Manager

College | Salesforce

mindful-impala-j3126m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000BLsl/FieldsAndRelationships/00N5j000009NDQX/view

Search Setup

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Subjects

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

Restrict picklist to the values defined in the value set

Picklist Values Used

Active and inactive picklist values 13 (1,000 max)

Field Dependencies

Validation Rules

Values

Inactive Values

Values	API Name	Default	Chart Colors	Modified By
MIT - BLR	MIT - BLR	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - MAA	MIT - MAA	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - HYD	MIT - HYD	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - DEL	MIT - DEL	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - MUM	MIT - MUM	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - CCU	MIT - CCU	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
APEX	APEX	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
JAVA	JAVA	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
C	C	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
C++	C++	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
MATHEMATICS	MATHEMATICS	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
ENGLISH	ENGLISH	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
STATISTICS	STATISTICS	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM

Google

Student Dashboard

SI-7957-1641228042

WhatsApp

Lightning Experience Repo

Recently Viewed | Account

Subjects | Salesforce

Object Manager | Salesforce

mindful-impala-j3126m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000BLsl/FieldsAndRelationships/00N5j000009NDd5/view

Search Setup

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Subjects

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

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Search Layouts for Salesforce Classic

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Field Dependencies

Validation Rules

Values

Inactive Values

Values	API Name	Default	Chart Colors	Modified By
MIT - BLR	MIT - BLR	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - MAA	MIT - MAA	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - HYD	MIT - HYD	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - DEL	MIT - DEL	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - MUM	MIT - MUM	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
MIT - CCU	MIT - CCU	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/6/2022, 5:47 AM
APEX	APEX	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
JAVA	JAVA	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
C	C	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
C++	C++	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
MATHEMATICS	MATHEMATICS	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
ENGLISH	ENGLISH	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM
STATISTICS	STATISTICS	<input type="checkbox"/>	Assigned dynamically	Juvenia Tambeon 1/10/2022, 2:25 AM

GoogleStudent DashboardSi-7957-1641228042WhatsAppLightning Experience Reports &Recently Viewed | Accounts | SalesforceCollege | Salesforce

mindful-impala-j3126m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/015j000000BjOM/FieldsAndRelationships/view

Search Setup

SetupHomeObject Manager

SETUP > OBJECT MANAGERCollege

Details

Fields & Relationships

10 Items, Sorted by Field Label

Quick FindNewDeleted FieldsField DependenciesSet History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Capacity Of Students	Capacity_Of_Students__c	Picklist	College Name	
College Fees	College_Fees__c	Currency(7, 2)		
College Name	College_Name__c	Picklist		
College Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Email	Email__c	Picklist	College Name	
Hostel Fees	Hostel_Fees__c	Currency(6, 2)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User:Group)		✓
Record Info	Record_Info__c	Text(25)		

GoogleStudent DashboardSi-7957-1641228042WhatsAppLightning Experience Reports &Recently Viewed | Accounts | SalesforceCollege | Salesforce

mindful-impala-j3126m-dev-ed.lightning.force.com/lightning/setup/ObjectManager/015j000000BjOM/ValidationRules/view

Search Setup

SetupHomeObject Manager

SETUP > OBJECT MANAGERCollege

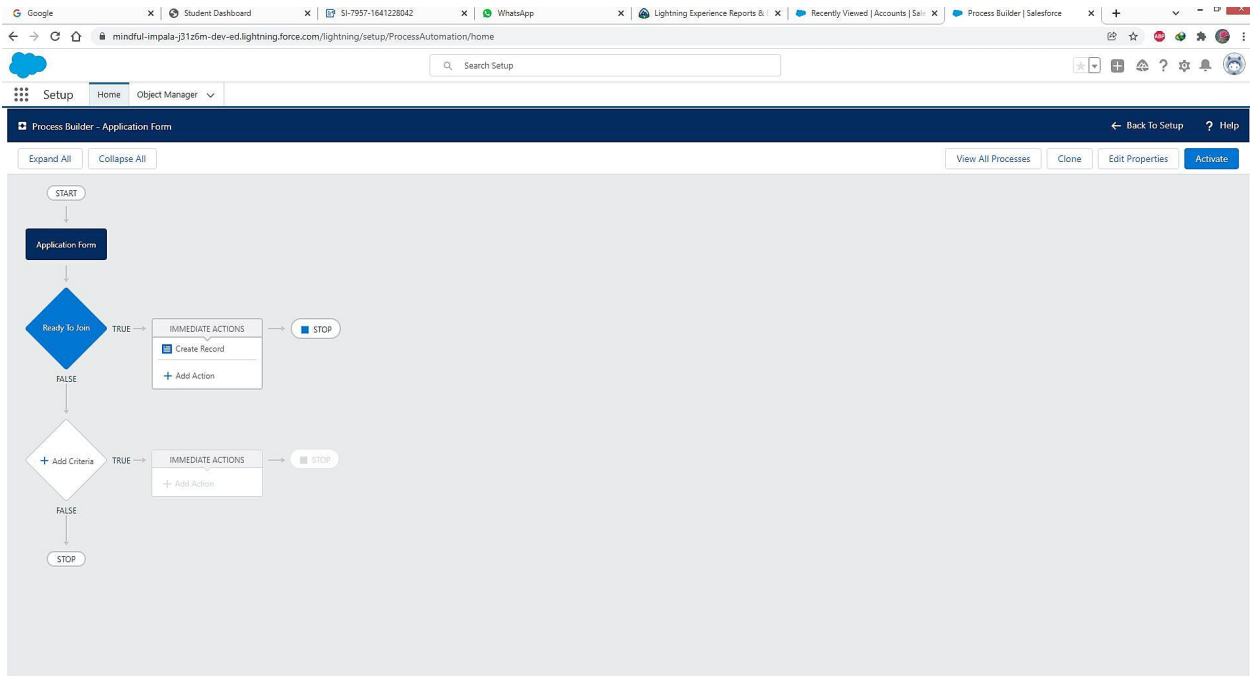
Details

Validation Rules

1 Items, Sorted by Rule Name

New

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Validation_Rule	Top of Page	Error	✓	Juveriya Tamkeen, 1/11/2022, 6:04 AM



Student Dashboard | SI-7957-1641228042 | Flows | Salesforce | Flow Builder | New Tab

mindful-impala-j31z6m-dev-ed.lightning.force.com/builder_platform_interaction/flowBuilder.app?flowId=3015j00000huWpAAI

Flow Builder Student - V1

Auto-Layout (Beta) Version 1: Inactive Last modified 7 days ago Run Debug Activate Save As

Toolbox

Elements Manager

Interaction (2)

Action

Subflow

Logic (4)

Assignment

Decision

Loop

Collection Sort

Data (4)

Create Records

Update Records

Get Records

Delete Records

Start Record-Trigger

Object: Application Form

Trigger: A record is updated

Optimize for: Actions and

+ Add Scheduled Paths

Edit Assignment

Assign student record data (Assign_student_record_data)

Set Variable Values

Each variable is modified by the operator and value combination.

Variable	Operator	Value
!_3 \$Record > College X	Equals	!_3 \$Record > College X
!_3 \$Record > Address X	Equals	!_3 \$Record > Address X
!_3 \$Record > Application Form ID X	Equals	!_3 \$Record > Application Form ID X
!_3 \$Record > date of Birth X	Equals	!_3 \$Record > date of Birth X
!_3 \$Record > Guardian Name X	Equals	!_3 \$Record > Guardian Name X
!_3 \$Record > Phone X	Equals	!_3 \$Record > Phone X
!_3 \$Record > Student Name X	Equals	!_3 \$Record > Student Name X

+ Add Assignment

Cancel Done

Get more on the AppExchange

Flow Builder

Jan 17, 4:37 PM

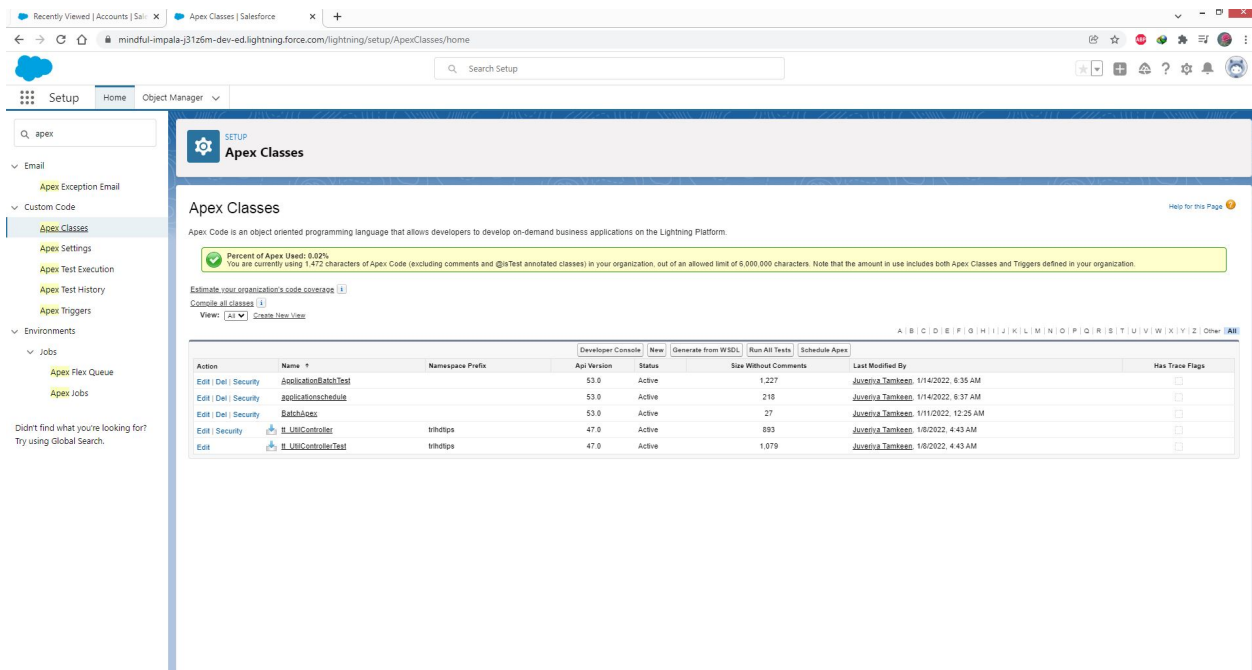
Day 4 :

Topic: Batch Apex

Milestone / Activities: Created a Batch Apex For Application Form and a Scheduler Class.

Detailed Description: From the developer console I have created two apex classes named ApplicationBatchTest and applicationschedule.

Upload the Screenshot the Milestone / Activities :



The screenshot shows the Salesforce Setup page for Apex Classes. The left sidebar contains a search bar with 'apex' and a list of navigation items: Email, Custom Code, Apex Classes (selected), Apex Settings, Apex Test Execution, Apex Test History, Apex Triggers, Environments, Jobs, Apex Flex Queue, and Apex Jobs. The main content area is titled 'Apex Classes' and includes a sub-header 'Apex Classes' and a description: 'Apex Code is an object oriented programming language that allows developers to develop on-demand business applications on the Lightning Platform.' Below this, there is a green checkmark icon and a message: 'Percent of Apex Used: 0.02% You are currently using 1,472 characters of Apex Code (excluding comments and @isTest annotated classes) in your organization, out of an allowed limit of 6,000,000 characters. Note that the amount in use includes both Apex Classes and Triggers defined in your organization.' A link 'Estimate your organization's code coverage' is also present. Below the message, there is a table with columns: Action, Name, Namespace Prefix, API Version, Status, Size Without Comments, Last Modified By, and Has Trace Flags. The table lists four Apex classes: ApplicationBatchTest, ApplicationSchedule, BatchApex, and two instances of BatchController (one with a link icon and one without).

Action	Name	Namespace Prefix	API Version	Status	Size Without Comments	Last Modified By	Has Trace Flags
Edit Del Security	ApplicationBatchTest		53.0	Active	1,227	Jayendra Tambe	<input type="checkbox"/>
Edit Del Security	ApplicationSchedule		53.0	Active	216	Jayendra Tambe	<input type="checkbox"/>
Edit Del Security	BatchApex		53.0	Active	27	Jayendra Tambe	<input type="checkbox"/>
Edit Security	BatchController	hthdps	47.0	Active	893	Jayendra Tambe	<input type="checkbox"/>
Edit	BatchController	hthdps	47.0	Active	1,079	Jayendra Tambe	<input type="checkbox"/>

Recently Viewed | Accounts | Sales | Apex Jobs | Salesforce

mindful-impala-j3126m-dev-ed.lightning.force.com/lightning/setup/AsyncApexJobs/home

Search Setup

Setup

Home

Object Manager

apex

▼ Email

Apex Exception Email

▼ Custom Code

Apex Classes

Apex Settings

Apex Test Execution

Apex Test History

Apex Triggers

▼ Environments

Jobs

Apex Flex Queue

Apex Jobs

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

SETUP

Apex Jobs

Click here to go to the new batch jobs page

Apex Jobs

Monitor the status of all Apex jobs, and optionally, abort jobs that are in progress.

View: All Create New View

Action	Submitted Date	Job Type	Status	Status Detail	Total Batches	Batches Processed	Failures	Submitted By	Completion Date	Apex Class	Apex Method	Apex Job ID
	1/14/2022, 6:42 AM	Scheduled Apex	Queued		0	0	0	Tamkeen_Juvinna		applicationSchedule		707590000faZjW

Day 5 :

Topic: Lightning Web Components (LWC)

Milestone / Activities: Created College DataTable Components for Apex class, HTML file, JAVASCRIPT file and META file.

Detailed Description: From the developer console I have created an apex class named GetapplicationDetails. In Visual Studio code I have created html ,js, meta files.

Upload the Screenshot the Milestone / Activities :

