

Day 1: 03/01/2022,monday

Topic : Create your salesforce developer org to get started

Milestone/Activities : Creating developer account

Account activation

Login to your salesforce account

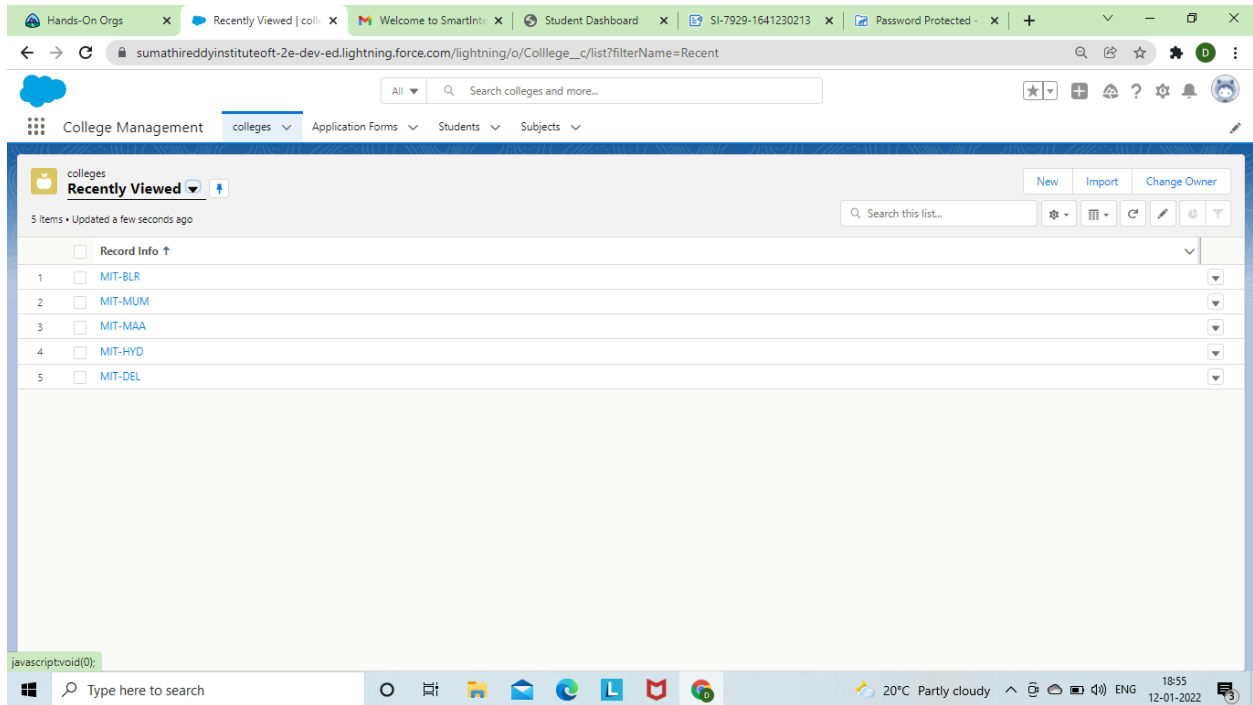
Detailed Description : First I sign up the developers salesforce.com/with all required information , then I clicked sign up button after I got email for activating the developer account ,then I verified the account , after that I logged into the salesforce account ,after I created college management application in lightening app through app manager.

Upload the screenshot the Milestone / Activities :

The screenshot shows the Trailhead Hands-On Orgs page in a web browser. The page title is "Hands-On Orgs" and it includes a "Create Playground" button and a "Connect Org" button. Under the "Connected Orgs (11)" section, there are three orgs listed:

- Developer Edition** (LAST USED): Username: devulapallynikhitha@srftw.com, Type: Developer Edition, Connected: 1/8/2022, Last Activity: Connected on 1/8/2022. Buttons: Rename, Disconnect, Launch.
- leads**: Username: mindful-wolf-r6ink4.com, Type: Trailhead Playground, Created: 12/4/2021, Last Activity: Created on 12/4/2021. Buttons: Rename, Disconnect, Launch.
- rest api**: Username: curious-unicorn-6xd5uh.com, Type: Trailhead Playground. Buttons: Rename, Disconnect, Launch.

The browser's address bar shows the URL: trailhead.salesforce.com/en/users/profiles/orgs. The user's profile is visible in the top right corner, showing the name "Devulapally Nikhitha" and 35 badges, 52,950 points. The Windows taskbar at the bottom shows the date and time as 18:49 on 12-01-2022, along with weather information (23°C, Light rain).



Day 2 : 04/01/2022

Topic : Custom object creation

Milestone / Activities : Create the custom object for the application  
Create fields on college object

Detailed Description : First I sign up the developers.salesforce.com/with all required information ,then I clicked setup and later object manager after I created custom objects .

Upload the screenshot the Milestone/Activities: COLLEGE

Hands-On Orgs x Recently Viewed x Object Manager x Welcome to Sm x Student Dashbo x SI-7929-1641230 x Password Protec x +

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/ObjectManager/home

Search Setup

Setup Home Object Manager

Object Manager

2 Items, Sorted by Label

College Builder Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
College	College__c	Custom Object		1/10/2022	✓
college	college__c	Custom Object		1/8/2022	✓

Type here to search

20°C Partly cloudy 19:03 12-01-2022

Hands-On Orgs x College | Salesforce x Welcome to SmartInternz! D x Student Dashboard x SI-7929-1641230213 x +

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000001PJv8/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

College

Edit Delete

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

Details

Description

API Name  
College\_\_c

Custom

Singular Label  
College

Plural Label  
colleges

Enable Reports  
✓

Track Activities  
✓

Track Field History  
✓

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

https://sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/one/one.app#/setup/ObjectManager/0115j000001PJv8/ButtonsLinksActions/view

Type here to search

23°C Light rain 19:46 15-01-2022

Hands-On Orgs x All | colleges | Sal x Object Manager x Welcome to Smi x Student Dashbo x SI-7929-1641230 x Password Protec x +

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/o/College\_c/list?filterName=00B5j00000Aax1QEAR

College Management colleges Application Forms Students Subjects

colleges All

New Import Change Owner Printable View

5 Items • Sorted by Record Info • Filtered by All colleges • Updated a few seconds ago

Search this list...

	Record Info ↑	College Fee	College Name	Hostel Fee
1	<input type="checkbox"/> MIT-BLR	\$140,000.00	MIT-BLR	\$189,000.00
2	<input type="checkbox"/> MIT-DEL	\$1,100,000.00	MIT-DEL	\$250,000.00
3	<input type="checkbox"/> MIT-HYD	\$1,000,000.00	MIT-HYD	\$150,000.00
4	<input type="checkbox"/> MIT-MAA	\$1,000,000.00	MIT-MAA	\$200,000.00
5	<input type="checkbox"/> MIT-MUM	\$1,500,000.00	MIT-MUM	\$400,000.00

javascript:void(0);

Type here to search

20°C Partly cloudy 19:10 12-01-2022

Day 3 : 05/01/2022

Topic : custom object creation

Milestone/Activities : create fields on application form object  
create fields on student object  
create fields on subject object

APPLICATION FORM OBJECT:

Hands-On Orgs x Recently Viewed x Object Manager x Welcome to Sm x Student Dashbo x SI-7929-1641230 x Password Protec x +

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/ObjectManager/home

Search Setup

Setup Home Object Manager

Object Manager

1 Items, Sorted by Label

Applic

Schema Builder Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Application Form	application_form__c	Custom Object		1/12/2022	✓

Type here to search

20°C Partly cloudy 19:06 12-01-2022

Hands-On Orgs x ApplicationForm | Salesforce x Welcome to SmartInternz! D x Student Dashboard x SI-7929-164123013 x +

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000001PVdm/Details/view

Search Setup

Setup Home Object Manager

ApplicationForm

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

Details

Description

API Name  
applicationform\_\_c

Custom

Singular Label  
ApplicationForm

Plural Label  
ApplicationForms

Enable Reports

Track Activities

Track Field History

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

Edit Delete

https://sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/one/one.app#/setup/ObjectManager/0115j000001PVdm/FieldsAndRelationships/view

Type here to search

23°C Mostly cloudy 19:49 15-01-2022

Hands-On Orgs x Recently Viewed x Object Manager x Welcome to Sma x Student Dashbo x SI-7929-1641230 x Password Protec x +

← → ↻ sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/o/application\_form\_c/list?filterName=Recent

☁ All Search Application Forms and more...

College Management colleges Application Forms Students Subjects

Application Forms Recently Viewed 1 item • Updated a few seconds ago

Search this list...

Application Form ID	
1	F-000001

Windows Type here to search 20°C Partly cloudy 19:11 12-01-2022

## STUDENT OBJECT:

Hands-On Orgs x Recently Viewed x Object Manager x Welcome to Sma x Student Dashbo x SI-7929-1641230 x Password Protec x +

← → ↻ sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/ObjectManager/home

☁ Search Setup

Setup Home Object Manager

Object Manager 1 item, Sorted by Label

STUD Schema Builder Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Students	Students__c	Custom Object		1/8/2022	✓

Windows Type here to search 20°C Partly cloudy 19:08 12-01-2022

—

Hands-On Orgs x Recently Viewed x Object Manager x Welcome to Sm... x Student Dashbo... x SI-7929-1641230 x Password Protect... x +

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/ObjectManager/home

Search Setup

Setup Home Object Manager

### Object Manager

1 Items, Sorted by Label

Q SUBJ Scheme Builder Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Subjects	Subjects__c	Custom Object		1/12/2022	✓

Type here to search

20°C Partly cloudy 19:09 12-01-2022

Hands-On Orgs x Subjects | Salesforce x Welcome to SmartInternz! D... x Student Dashboard x SI-7929-164123013 x +

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000001PVe1/Details/view

Search Setup

Setup Home Object Manager

### Subjects

Edit Delete

**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

**Details**

Description

API Name  
Subjects\_\_c

Custom

Singular Label  
Subjects

Plural Label  
Subjects

Enable Reports

Track Activities

Track Field History

Deployment Status  
Deployed

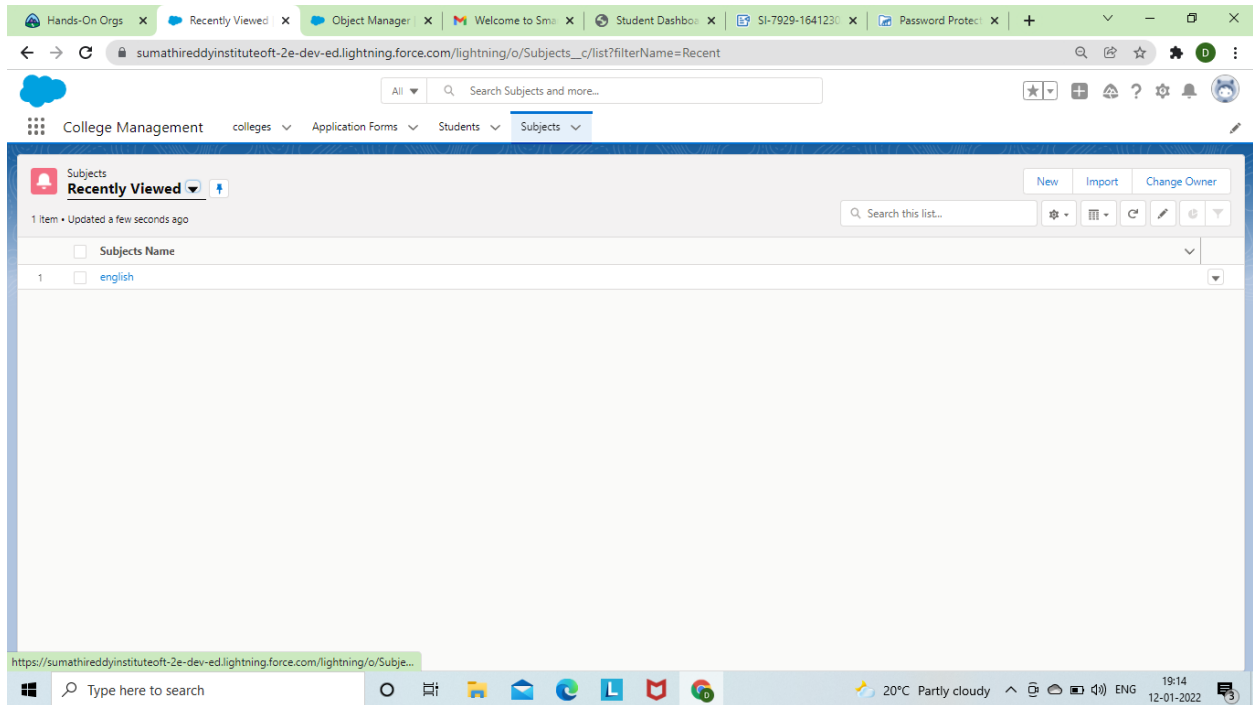
Help Settings  
Standard salesforce.com Help Window

https://sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/one/one.app#/setup/ObjectManager/0115j000001PVe1/FieldsAndRelationships/view

Type here to search

23°C Mostly cloudy 19:51 15-01-2022





Day 4 : 06/01/2022

Topic : Adding Business Logic To Application

Milestone / Activities : Create Global Picklist Value Sets

Create Field Dependencies

Detailed Description : First I signed up the developers.salesforces.com/ with all required information, then I created global picklist values college, paper 1 and paper 2 in picklist value set then I created field dependencies, after that I created validation rule on the college object.

Upload the screenshot the Milestone/Activities: Global picklist values

Hands-On Orgs

Recently Viewed

Picklist Value Sets

Welcome to Sm

Student Dashbo

SI-7929-1641230

Password Protect

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/Picklists/home

Search Setup

SetupHomeObject Manager

PICKLI

Data

Picklist Settings

State and Country/Territory

Picklists

Objects and Fields

Picklist Value Sets

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

SETUP

Picklist Value Sets

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: AllCreate New View

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other | All

Global Value Sets

New

Action	Label	Description
Edit   Del	College	
Edit   Del	Paper.1	
Edit   Del	Paper.2	

Deleted Global Value Sets (0)

https://sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/one/app#/set...

Type here to search

20°C Partly cloudy

19:26  
12-01-2022

## COLLEGE

Hands-On Orgs

Picklist Value Sets | Salesforce

Welcome to SmartInternz! D

Student Dashboard

SI-7929-1641230213

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/Picklists/page?address=%2F0Nt5j000000v0Ys

Search Setup

SetupHomeObject Manager

picklis

Data

Picklist Settings

State and Country/Territory

Picklists

Objects and Fields

Picklist Value Sets

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

SETUP

Picklist Value Sets

Global Value Set

< Back to List

Values (0) | Inactive Values (0) | Fields Where Used (1)

Global Value Set Detail

EditDelete

Information

Label	College
Name	College
Description	

Picklist Values Used

Active and inactive picklist values

6 (1,000 max)

EditDelete

Values

NewReorderReplacePrintable ViewChart Colors

Action	Values	API Name	Default	Chart Colors	Modified Ru
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Type here to search

23°C Mostly cloudy

20:06  
15-01-2022

Hands-On Orgs x Picklist Value Sets | Salesforce x Welcome to SmartInternz! D x Student Dashboard x SI-7929-1641230213 x

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/Picklists/page?address=%2F0Nt5j000000v0Ys

Search Setup

Setup Home Object Manager

picklis

Data

- Picklist Settings
- State and Country/Territory
- Picklists

Objects and Fields

- Picklist Value Sets

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

### Picklist Value Sets

Picklist Values Used

Active and inactive picklist values 0 (1,000 max)

Edit Delete

Action	Values	API Name	Default	Chart Colors	Modified By
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	MIT-HYD	MIT-HYD	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.dev@lucyally</a> : 1/9/2022, 6:55 PM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	MIT-BLR	MIT-BLR	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.dev@lucyally</a> : 1/9/2022, 6:55 PM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	MIT-MUM	MIT-MUM	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.dev@lucyally</a> : 1/9/2022, 6:55 PM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	MIT-MAA	MIT-MAA	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.dev@lucyally</a> : 1/9/2022, 6:55 PM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	MIT-DEL	MIT-DEL	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.dev@lucyally</a> : 1/9/2022, 6:55 PM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	MIT-OCU	MIT-OCU	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.dev@lucyally</a> : 1/9/2022, 6:55 PM

Inactive Values

No inactive values defined.

Fields Where Used

Field Label	Object	Data Type	Controlling Field
<a href="#">Collapse Name</a>	<a href="#">College</a>	Picklist	

Back To Top

Always show me more records per related list

Type here to search

23°C Mostly cloudy

20:02 15-01-2022

## PAPER 1:

Hands-On Orgs x Picklist Value Sets | Salesforce x Welcome to SmartInternz! D x Student Dashboard x SI-7929-1641230213 x

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/Picklists/page?address=%2F0Nt5j000000v5js

Search Setup

Setup Home Object Manager

picklis

Data

- Picklist Settings
- State and Country/Territory
- Picklists

Objects and Fields

- Picklist Value Sets

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

### Picklist Value Sets

#### Global Value Set

[Back to List](#)

[Values \(4\)](#) | [Inactive Values \(0\)](#) | [Fields Where Used \(1\)](#)

[Help for this Page](#)

#### Global Value Set Detail

Edit Delete

Information

Label	Paper 1
Name	Paper_1
Description	

Picklist Values Used

Active and inactive picklist values 4 (1,000 max)

Edit Delete

Action	Values	API Name	Default	Chart Colors	Modified By
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Type here to search

23°C Mostly cloudy

20:04 15-01-2022

Hands-On Orgs x Picklist Value Sets | Salesforce x Welcome to SmartInternz! D x Student Dashboard x SI-7929-1641230213 x

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/Picklists/page?address=%2F0Nt5j000000v5js

Search Setup

Setup Home Object Manager

picklis

Data

- Picklist Settings
- State and Country/Territory
- Picklists

Objects and Fields

- Picklist Value Sets

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

### Picklist Value Sets

Values

Action	Values	API Name	Default	Chart Colors	Modified By
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	APEX	APEX	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.devujarajally</a> , 1/12/2022, 1:25 AM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	JAVA	JAVA	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.devujarajally</a> , 1/12/2022, 1:25 AM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	C	C	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.devujarajally</a> , 1/12/2022, 1:25 AM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	C++	C++	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.devujarajally</a> , 1/12/2022, 1:25 AM

Inactive Values

No Inactive Values values defined.

Fields Where Used

Field Label	Object	Data Type	Controlling Field
Paper_1	<a href="#">Subjects</a>	Picklist	

[Back To Top](#)

Always show me [more records per related list](#)

Type here to search

23°C Mostly cloudy

20:07 15-01-2022

## PAPER 2:

Hands-On Orgs x Picklist Value Sets | Salesforce x Welcome to SmartInternz! D x Student Dashboard x SI-7929-1641230213 x

sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/lightning/setup/Picklists/page?address=%2F0Nt5j000000v5jx

Search Setup

Setup Home Object Manager

picklis

Data

- Picklist Settings
- State and Country/Territory
- Picklists

Objects and Fields

- Picklist Value Sets

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

### Picklist Value Sets

#### Global Value Set

[Back to List](#)

[Values \(2\)](#) | [Inactive Values \(0\)](#) | [Fields Where Used \(1\)](#)

[Help for this Page](#)

#### Global Value Set Detail

[Edit](#) [Delete](#)

Information

Label	Paper 2
Name	Paper_2
Description	

Picklist Values Used

Active and inactive picklist values 3 (1,000 max)

[Edit](#) [Delete](#)

Values

Action	Values	API Name	Default	Chart Colors	Modified By
--------	--------	----------	---------	--------------	-------------

23°C Mostly cloudy

20:08 15-01-2022

The screenshot shows the Salesforce Setup interface for 'Picklist Value Sets'. The left sidebar contains a search bar with 'picklis' and a navigation menu with 'Data' (Picklist Settings, State and Country/Territory, Picklists) and 'Objects and Fields' (Picklist Value Sets). The main content area has a 'Picklist Value Sets' header with 'Edit' and 'Delete' buttons. Below is a table of values:

Action	Values	API Name	Default	Chart Colors	Modified By
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	MATHEMATICS	MATHEMATICS	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.devulagally</a> , 1/12/2022, 1:25 AM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	ENGLISH	ENGLISH	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.devulagally</a> , 1/12/2022, 1:25 AM
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	STATISTICS	STATISTICS	<input type="checkbox"/>	Assigned dynamically	<a href="#">nikhitha.devulagally</a> , 1/12/2022, 1:25 AM

Below the table are sections for 'Inactive Values' (No Inactive Values defined) and 'Fields Where Used' (Field Label: Paper 2, Object: Subjects, Data Type: Picklist, Controlling Field). At the bottom, it says 'Always show me more records per related list'.

## CREATING FIELD DEPENDENCIES

The screenshot shows the Salesforce Setup interface for 'College Field Dependencies'. The left sidebar contains a search bar with 'Search Setup' and a navigation menu with 'Details', 'Fields & Relationships', 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Compact Layouts', 'Field Sets', 'Object Limits', 'Record Types', and 'Related Lookup Filters'. The main content area has a 'College Field Dependencies' header with a 'New' button. Below is a table of field dependencies:

Action	Controlling Field	Dependent Field	Modified By
<a href="#">Edit</a>   <a href="#">Del</a>	College Name	College Email	<a href="#">nikhitha.devulagally</a> , 1/9/2022, 7:22 PM
<a href="#">Edit</a>   <a href="#">Del</a>	College Name	No of seats	<a href="#">nikhitha.devulagally</a> , 1/9/2022, 7:29 PM

Day 5 :07/01/2022

Topic: Adding business logic to application

Milestone/Activities: creating validation rules

## Validation rules: college object

The screenshot shows the Salesforce Setup interface for the 'College' object. The left sidebar lists various setup options, with 'Validation Rules' selected. The main content area displays a table of validation rules for the 'College' object. The table has columns for Rule Name, Error Location, Error Message, Active status, and Modified By. One rule is listed: 'College\_Name' with an error location of 'Top of Page' and an error message 'Please use the college name in record info'. The rule is active and was modified by 'nikhitha devulapally' on 1/11/2022 at 12:36 AM.

**Validation Rules**  
1 Items, Sorted by Rule Name

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
College_Name	Top of Page	Please use the college name in record info	✓	nikhitha devulapally, 1/11/2022, 12:36 AM

**College Validation Rule**  
[Back to College](#)

**Validation Rule Detail**

Rule Name	College_Name	Active	✓	
Error Condition Formula	TEXT(College_Name__c) <> Name			
Error Message	Please use the college name in record info		Error Location	Top of Page
Description				
Created By	nikhitha devulapally, 1/11/2022, 12:36 AM		Modified By	nikhitha devulapally, 1/11/2022, 12:36 AM

validation rule on application form object:

The image displays two screenshots of the Salesforce Lightning Setup interface, specifically the 'Validation Rules' configuration page for the 'ApplicationForm' object.

**Top Screenshot:** Shows the 'Validation Rules' list. The table contains one rule:

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Student_Record	Top of Page	please use the college name in record name	✓	nikhitha devulapally, 1/14/2022, 5:14 AM

**Bottom Screenshot:** Shows the 'ApplicationForm Validation Rule' detail page. The 'Validation Rule Detail' section includes the following information:

- Rule Name:** Student\_Record
- Active:** ✓
- Error Condition Formula:**

```
AND(Ready_To_Join__c == true,
OR(
ISCHANGED(Address__c),
ISCHANGED(college__c),
ISCHANGED(date_of_Birth__c),
ISCHANGED(Email__c),
ISCHANGED(Guardian_Name__c),
ISCHANGED(Phone__c)
))
)
```
- Error Message:** please use the college name in record name
- Error Location:** Top of Page
- Description:**
- Created By:** nikhitha devulapally, 1/11/2022, 1:57 AM
- Modified By:** nikhitha devulapally, 1/14/2022, 5:14 AM

Day 6 :10/01/2022

Topic : Adding business logic to application

Milestone/Activities: process automation

## PROCESS AUTOMATION :

The screenshot shows the Salesforce Process Builder interface. The process is titled "Application Form And Process Master". It starts with a "START" node, followed by an "Application Form" node. A decision diamond labeled "Ready to join field is checked" branches the flow. If TRUE, it goes to "IMMEDIATE ACTIONS" where "create a student rec..." is selected. If FALSE, it goes to another decision diamond labeled "Add Criteria". Both paths lead to "SCHEDULED ACTIONS" and finally to a "STOP" node. On the right, the "Create a Record" configuration panel is visible, showing the action name "create a student record", record type "Students", and a table for setting field values.

Field*	Type*	Value*
Address	Field Reference	[application_form_c].Add...
Date Of Birth	Field Reference	[application_form_c].date...
Guardian Name	Field Reference	[application_form_c].Guar...
Phone	Field Reference	[application_form_c].Pho...
Application Form	Field Reference	[application_form_c].Id
Students Name	Field Reference	[application_form_c].Stud...

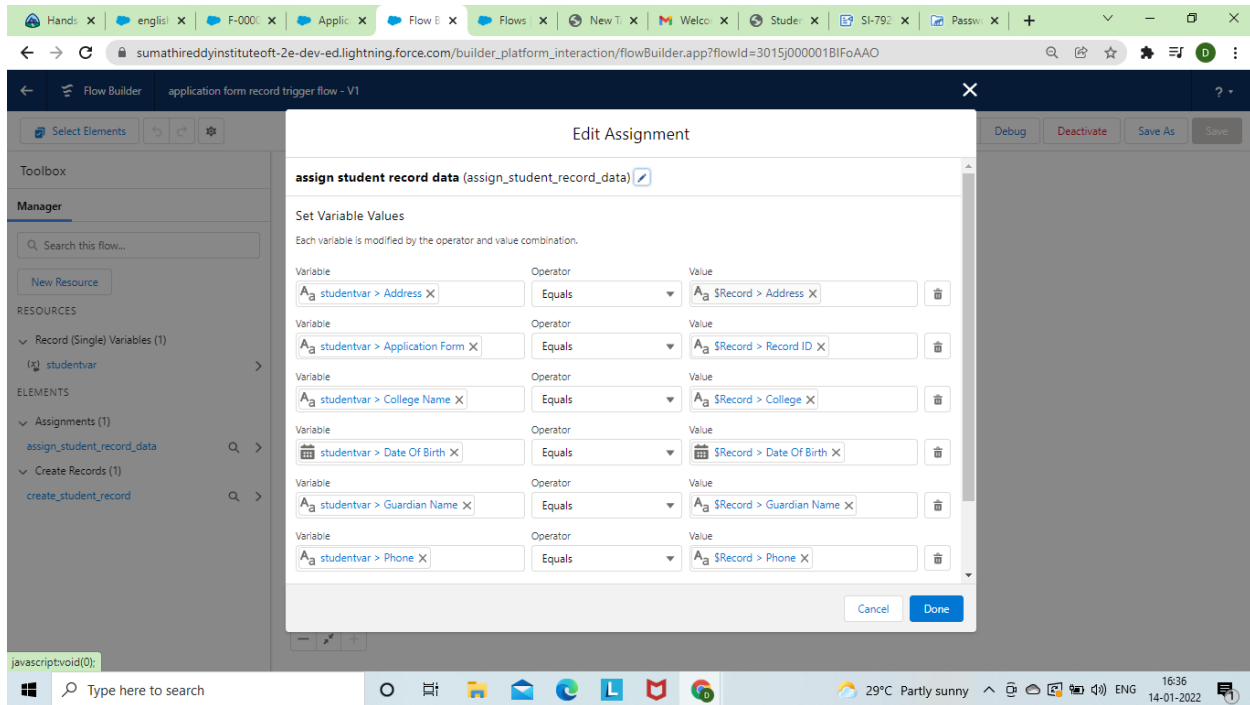
Day 7: 11/01/2022

Topic: Adding Business Logic To Application

Milestone/Activities: CREATE THE STUDENT RECORD USING FLOW

The screenshot shows the Salesforce Flow Builder interface for a "Record-Triggered Flow". The flow starts with a "Run Immediately" node, followed by an "assign student record data" node (represented by an equals sign icon), then a "create student record" node (represented by a document icon with a plus sign), and finally an "End" node. The left sidebar shows the "Toolbox" with "Manager" and "Resources" sections. The "Resources" section lists "Record (Single) Variables (1)" with "studentvar", "Assignments (1)" with "assign\_student\_record\_data", and "Create Records (1)" with "create\_student\_record".





Day 8 : 12/01/2022

Topic : General discussion on student doubts

Day 9: 13/01/2022

Topic: Btch Apex

Milestone/Activities: Create Batch Apex For Application Form

Create A Scheduler Class

Detailed Description : First I Signed up the developers .salesforce.com/with all required information,then I went to developer console after that I created batch apex for application form,after this by same process I created a scheduler class.

Upload the screenshot the Milestone/Activities : Create a batch apex for application form

Developer Console - Google Chrome

sumathireddyinstituteoft-2e-dev-ed.my.salesforce.com/\_ui/common/apex/debug/ApexCSIPage

ApplicationBatchTest.apex

```
1 public class ApplicationBatchTest implements Database.Batchable<Object>{
2
3     //start(), execute(). finish()
4
5     public Integer totalForms = 0; // total no of application form
6     public Integer totalConvertedForms = 0; // total no of students
7     public Database.QueryLocator start(Database.BatchableContext bc){
8         // gathers the data for you
9         String applicationQuery = 'select id, Name, Ready_To_Join__c from ApplicationForm__c';
10        return Database.getQueryLocator(applicationQuery);
11    }
12    public void execute(Database.BatchableContext bc, List<ApplicationForm__c> formList){
13        // process the data
14        for(ApplicationForm__c af : formList){
15            totalForms++;
16            if(af.Ready_To_Join__c){
17                totalConvertedForms++;
18            }
19        }
20    }
21    public void finish(Database.BatchableContext bc){
22        // emails
23        Messaging.SingleEmailMessage mail = new Messaging.SingleEmailMessage();
24        // address, subject, content( data to sent to admins)
25        mail.setSubject(' Application form and student record data as of today ');
26        mail.setPlainTextBody(' Total no of application form records are : '+totalForms+ ' out of which no of students as per today : '+totalConvertedForms);
27        String[] emailAddresses = new String[]{'your email address'};
28        mail.setToAddresses(emailAddresses);
29    }
30 }
```

Log

User	Application	Operation	Time	Status	Read	Size
------	-------------	-----------	------	--------	------	------

Type here to search

28°C Mostly cloudy

17:18 14-01-2022

## Create A Scheduler class

Developer Console - Google Chrome

sumathireddyinstituteoft-2e-dev-ed.my.salesforce.com/\_ui/common/apex/debug/ApexCSIPage

ApplicationSchedule.apex

```
1 public class ApplicationSchedule implements Schedulable{
2
3
4
5     public void execute(SchedulableContext sc){
6
7         ApplicationBatchTest abt = new ApplicationBatchTest();
8
9         Database.executeBatch(abt, 400); // 200 to 2000
10
11     }
12
13
14 }
```

Log

User	Application	Operation	Time	Status	Read	Size
------	-------------	-----------	------	--------	------	------

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SI-7929-1641230213

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Object Manager

Apex cla

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Apex Classes

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SETUP

Apex Classes

Apex Classes

Apex Code is an object oriented programming language that allows developers to develop on-demand business applications on the Lightning Platform.

Percent of Apex Used: 0.02%

You are currently using 1,443 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.

Estimate your organization's code coverage

Compile all classes

View: All

Create New View

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other All

Developer Console

New

Generate from WSDL

Run All Tests

Schedule Apex

Action	Name	Namespace Prefix	Api Version	Status	Size Without Comments	Last Modified By	Has Trace Flags
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Security</a>	<a href="#">ApplicationBatchTest</a>		53.0	Active	1,225	<a href="#">nikhitha.devulajally</a> , 1/14/2022, 3:47 AM	<input type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Security</a>	<a href="#">applicationschedule</a>		53.0	Active	218	<a href="#">nikhitha.devulajally</a> , 1/14/2022, 3:51 AM	<input type="checkbox"/>

https://sumathireddyinstituteoft-2e-dev-ed.lightning.force.com/one/one.app#/setup/ApexClasses/home

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ENG

20:21

15-01-2022

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Apex Classes

Apex Class

applicationschedule

Apex Class Detail

Edit

Delete

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Security

Show Dependencies

Name	applicationschedule	Status	Active
Namespace Prefix		Code Coverage	0% (0/3)
Created By	<a href="#">nikhitha.devulajally</a> , 1/14/2022, 3:50 AM	Last Modified By	<a href="#">nikhitha.devulajally</a> , 1/14/2022, 3:51 AM

Class Body

Class Summary

Version Settings

Trace Flags

```
1 public class applicationschedule implements Schedulable{
2
3
4
5 public void execute(SchedulableContext sc){
6
7     ApplicationBatchTest abt = new ApplicationBatchTest();
8
9     Database.executeBatch(abt, 400); // 200 to 2000
10
11 }
```

Type here to search

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15-01-2022