

## Day 1

### Activities- Creation of Salesforce Developer Account and setup

The screenshot shows a Salesforce user profile for YAKKALA BHARATH KUMAR. The profile includes a profile picture of a blue cat-like character, a bio that says "Share your awesomeness with the world. (Or at least with your colleagues on Chatter.)", and a Trailhead badge. The "Details" section shows the following information:

Field	Value
Name	YAKKALA BHARATH KUMAR
Title	
Company Name	MVGR
Email	yakkalabharath1831@gmail.com
Address	IN
Manager	
Phone	
Mobile	

The "Related" section shows "Groups (0)" and "Files (0)". There is an "Upload Files" button and a note "Or drop files".

## Day 2

### Activities- Creating College Management Application

#### Creation of Custom Objects College, Application Form, Student, Subject

The screenshot shows the Salesforce Accounts page. The page has a header with a search bar and navigation icons. The main content area shows a list of accounts. The table has the following columns:

Account Name	Account Site	Phone	Account Owner Alias
0 Items • Updated a few seconds ago			

The screenshot shows the Salesforce Setup page for the 'College' object. The page has a header with a search bar and navigation icons. The main content area shows the 'Fields & Relationships' section. The table has the following columns:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
College Email	College_Email__c	Picklist	College Name	
College fee	College_fee__c	Currency(7, 2)		
College Name	College_Name__c	Picklist		
Created By	CreatedById	Lookup(User)		
Hostel fee	Hostel_fee__c	Currency(7, 2)		
Last Modified By	LastModifiedById	Lookup(User)		
No of Seats	No_of_Seats__c	Picklist	College Name	
Owner	OwnerId	Lookup(User, Group)		✓
Record Info	Name	Text(80)		✓

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Application Form

Fields & Relationships

14 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
Address	Address__c	Text(255)		
Application Form Number	Name	Auto Number		✓
College	College__c	Master-Detail(College)		✓
College fee	College_fee__c	Formula (Currency)		
Created By	CreatedById	Lookup(User)		
Date of Birth	Date_of_Birth__c	Date		
Email	Email__c	Text(100) (Unique Case Insensitive)		✓
Guardian Name	Guardian_Name__c	Text(30)		
Hostel Fees	Hostel_Fees__c	Formula (Currency)		

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Student

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
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)		✓

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Subject

Fields & Relationships

7 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
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	Name	Auto Number		✓

## Day-3

### Activities- Creating Global picklist value sets

SETUP

Picklist Value Sets

Picklist Value Sets

Help for this Page

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 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

Global Value Sets

New

Action	Label	Description
<a href="#">Edit</a>   <a href="#">Del</a>	College Name	
<a href="#">Edit</a>   <a href="#">Del</a>	Paper 1	
<a href="#">Edit</a>   <a href="#">Del</a>	Paper 2	
Deleted Global Value Sets (0)		

### Creating Field Dependencies

SETUP > OBJECT MANAGER

College

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

College Field Dependencies

Back to Custom Object: College

Help for this Page

This page allows you to define dependencies between fields (e.g., dependent picklists).

Field Dependencies

New

Action	Controlling Field	Dependent Field	Modified By
<a href="#">Edit</a>   <a href="#">Del</a>	College Name	College Email	YAKKALA BHARATH KUMAR 1/4/2022, 4:29 AM
<a href="#">Edit</a>   <a href="#">Del</a>	College Name	No of Seats	YAKKALA BHARATH KUMAR 1/4/2022, 9:39 AM

### Creating Validation Rules

SETUP > OBJECT MANAGER

College

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

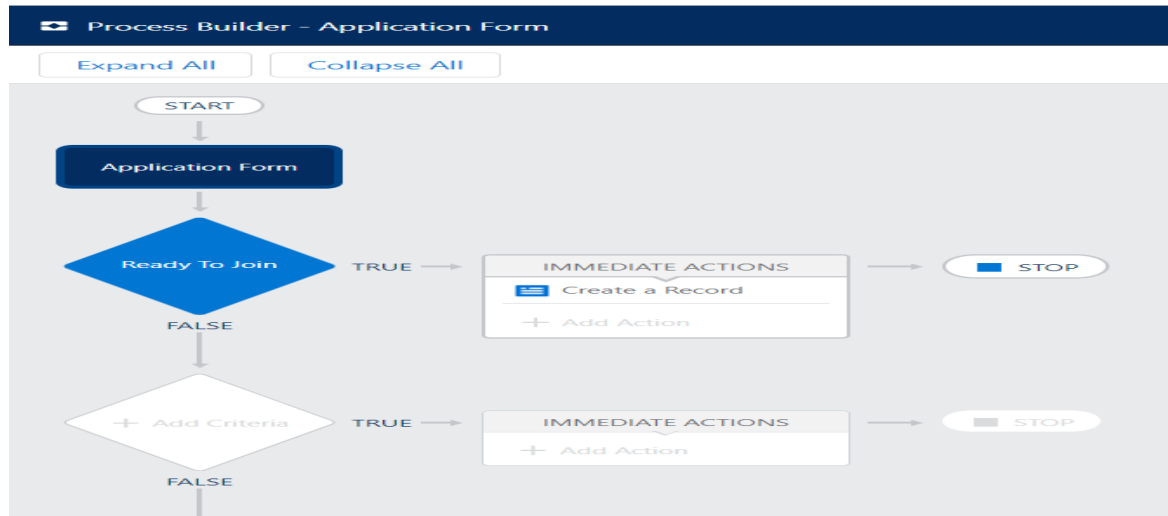
Validation Rules

1 Items, Sorted by Rule Name

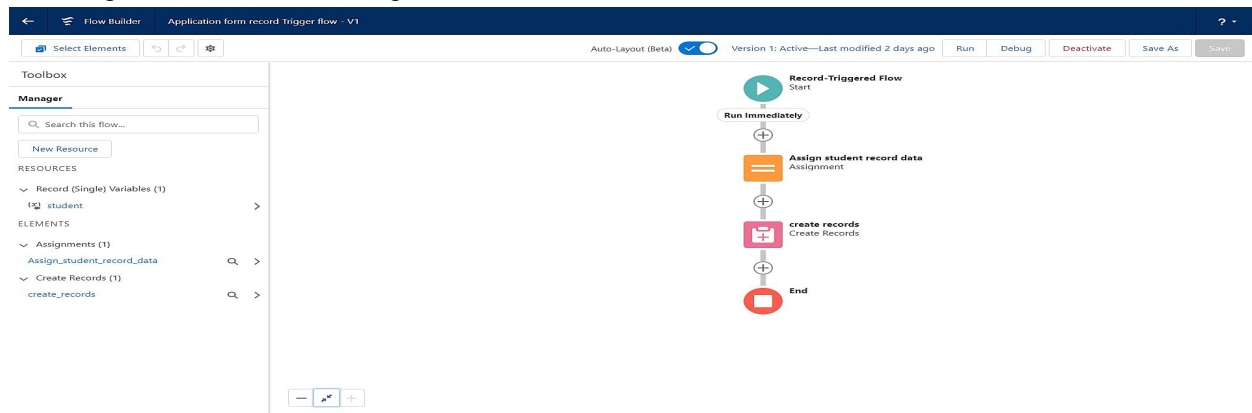
New

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
College_name_Similar	Top of Page	Please Use the College Name as in the Record Info	✓	YAKKALA BHARATH KUMAR, 1/4/2022, 5:07 AM

### Creating Automated Process



## Creating Student Record using Record Flow



## Day-6

### Activities- Creation of Batchable Class And Scheduler class

```

1  public class ApplicationBatchTest implements Database.Batchable<Object>{
2      public Integer totalForms = 0;
3      public Integer totalConvertedForms = 0;
4      public Database.QueryLocator start(Database.BatchableContext bc){
5          String applicationQuery = 'select Name, Ready_To_Join__c from Application_Form__c';
6          return Database.getQueryLocator(applicationQuery);
7      }
8      public void execute(Database.BatchableContext bc, List<Application_Form__c> formList){
9          for(Application_Form__c af : formList){
10             totalForms++;
11             if(af.Ready_To_Join__c){
12                 totalConvertedForms++;
13             }
14         }
15     }
16     public void finish(Database.BatchableContext bc){
17         Messaging.SingleEmailMessage mail = new Messaging.SingleEmailMessage();
18         mail.setSubject(' Application form and student record data as of today ');
19         mail.setPlainTextBody(' Total no of application form records are : '+totalForms+ ' out of which no of students as per today : '+totalConvert
20         String[] emailAddresses = new String[]{'yakkalabharath9@gmail.com'};
21         mail.setToAddresses(emailAddresses);
22         Messaging.sendEmail(new Messaging.SingleEmailMessage[]{ mail } );
23     }
24 }
  
```

```

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

```

## Application form and student record data as of today Inbox x



**Yakkala Bharath kumar** <yakkalabharath9@gmail.com>

to me ▾

Total no of applications are 4 and total converted forms are 4

### Day-8

Activities- 1. Creating "GetapplicationDetails" Apex Class

2. Create a Lightning Web Component - CollegeDataTable

Salesforce LWC Editor

GetapplicationDetails.cls x

collegeDataTable.html x

collegeDataTable.js x

collegeDataTable.js-meta.xml x

Search Apex or Component...

APEX CLASSES

ApplicationBatchTest

GetapplicationDetails

NewApplicationTrigger

LIGHTNING WEB COMPONENTS

collegeDataTable

collegeDataTable.html

collegeDataTable.js

collegeDataTable.js-meta.xml

collegeDataTable > collegeDataTable.html

```

1 <template>
2
3     <h1> College and Application form list table </h1>
4
5     <template if:true={recordList}>
6         <lightning-datatable
7             key-field="id"
8             data={recordList}
9             show-row-number-column
10            hide-checkbox-column
11            columns={columnsList}
12        >
13        </lightning-datatable>
14    </template>
15
16    <template if:true={error}>
17        {error}
18    </template>
19 </template>

```

Result Panel

1 collegeDataTable.html successfully deployed source

2 collegeDataTable.js successfully deployed source

3 collegeDataTable.js-meta.xml successfully deployed source

Deploy the component



College and Application form list table

## Quarterly Performance

CLOSED \$1,820,000    OPEN (>70%) \$270,000    GOAL --

