SALESFORCE PROJECT READY

Entry Level Training & Professional Development Program

Created By- Tushar Mittal (7417364518)

Project Title: Online Training Management(Admin/Developer)

INDEX:

Salesforce CRM

Skills Required:

Salesforce Admin/ Developer

Project Description:

We will be creating an online training management application that will store all the details of the training from courses offered, trainers, students enrolled, Meeting/training information, and many more. In the project, we will be creating objects to store these records and will also create various fields to store the values of these records. We will establish relationships between various objects and create custom pages using visualforce.

Topic: Create your DF Developer account to get Started

Detailed Description: Account Creation from developer.salesforce.com

Custom App/Object Creation:

Creation (Course, Trainer, Batch , Meeting, Student) , **Custom Field**
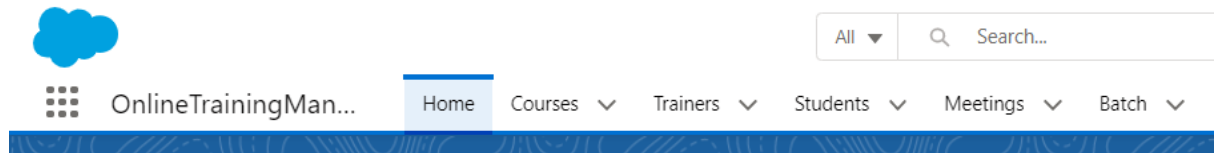
Courses-: Offered Courses

Fields:

Courses ID - Auto number (C-000001)

Course Name: Text

Course Duration (In Months) – Picklist (1,2,3,4,5,6)

Course Category: Picklist (Cloud Computing, Data Management, Programming, Web Designing)

Course Fee: Currency

Course Description:
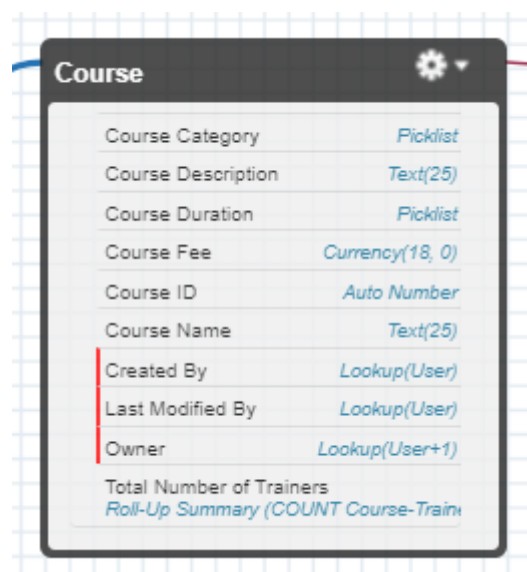
Trainers: - Associated Trainers

Trainer Id: Auto-number   (T-00001)

Full Name: Text

Email: Email - No Duplicate

Phone Number: Phone

WhatsApp Number: Phone

Date Of Birth: Date

Age : Formula

Experience: Picklist

LinkedIn Profile: URL

Expertise : Text (CRM, BI)

Students: Enrolled Students:

Student Id: Autonumber (S-00001)

First Name : Text

Last Name : Text

Email Id : Email

Phone Number : Phone

Date Of Birth: Date

whatsapp number :Phone

Enrollment date: AutoGenerated (Date) (Locked Fields/Read only field)

Student	
Created By	Lookup(User)
Date of Birth	Date
Email	Email (Unique)
Enrollment Date	Formula (Date)
First Name	Text(25)
Last Modified By	Lookup(User)
Last Name	Text(25)
Owner	Lookup(User+1)
Phone Number	Phone
Student Name	Text(80)
Whatsapp Number	Phone

Meeting: Meeting Id's

Meeting Id: Autonumber (M-00001)

Valid From: Date

Valid to: Date

Active :   Checkbox   If checked means Active , if not checked means deactivated

Meeting link: Url

Meeting	
Active	Checkbox
Created By	Lookup(User)
Last Modified By	Lookup(User)
Meeting ID	Auto Number
Meeting Link	URL(255)
Owner	Lookup(User+1)
Valid From	Date
Valid to	Date

Batch:

Batch id: Auto number (B-00001)

Batch Type : Picklist (Weekday/Weekend)

Start date: date

End date: date

Course Id -Lookup to course object

Meeting id: Lookup to meeting object

Trainer Id: Lookup to trainer object

Status: picklist (Scheduled/ Started/ Completed)

Rollup summary: to display total number of students enrolled

Batch	
Batch ID	Auto Number
Batch Type	Picklist
Course Category	Formula (Text)
Course ID	Lookup(Course)
Course Name	Formula (Text)
Created By	Lookup(User)
End Date	Date
Last Modified By	Lookup(User)
Meeting ID	Lookup(Meeting)
Meeting URL	Formula (Text)
Meeting Valid Till	Formula (Date)
Owner	Lookup(User+1)
Start Date	Date
Status	Picklist
Trainer Email	Email
Trainer ID	Lookup(Trainer)
Trainer Name	Formula (Text)

Create Validation Rules:

Validation rules verify that the data a user enters in a record meets the standards you specify before the user can save the record. A validation rule can contain a formula orexpression that evaluates the data in one or more fields and returns a value of "True" or"False".

Milestone / Activities: Validation Rule on custom Objects (Course, Trainer, Meeting, Student)

Create Validation Rules On Course Object:

Validations:

1) Course Fee cannot be in negative and should be less than 3000$

Course Validation Rule
Back to Course

Validation Rule Detail		Edit	Clone		
Rule Name	Course_Fee			Active	✓
Error Condition Formula	OR(Course_Fee__c <0,Course_Fee__c >3000)				
Error Message	Course Fee cannot be in negative and should be less than 3000$			Error Location	Course Fee
Description					
Created By	Tushar Mittal, 1/4/2022, 4:18 AM			Modified By	Tushar Mittal, 1/4/2022, 4:43 AM

Edit   Clone

Create Validation Rules On Trainer Object:

Validation:

1) Phone and WhatsApp Number - Minimum 10 Digits, Max 15 Digits

2) Full Name -Cannot be blank

3) Phone Cannot be blank

4) date of birth: cannot be blank

5) Experience : cannot be blank

6) Trainer age cannot be less than 25 years

Validation Rules
6 Items, Sorted by Rule Name

RULE NAME ▲	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
DOB	Top of Page	date of birth: cannot be blank	✓	Tushar Mittal, 1/5/2022, 8:23 PM
Full_Name	Top of Page	Full Name -Cannot be blank	✓	Tushar Mittal, 1/5/2022, 8:22 PM
Phone	Top of Page	Phone Cannot be blank		Tushar Mittal, 1/8/2022, 3:19 AM
PhoneNumberMin10digits	Top of Page	Phone and WhatsApp Number - Minimum 10 Digits, Max 15 Digits		Tushar Mittal, 1/8/2022, 3:19 AM
Trainer_age_cannot_be_less_than_25_year	Top of Page	Trainer age cannot be less than 25 years	✓	Tushar Mittal, 1/4/2022, 6:25 AM
WhatsappNumberMin10digits	Top of Page	Phone and WhatsApp Number - Minimum 10 Digits, Max 15 Digits		Tushar Mittal, 1/8/2022, 3:20 AM

1.

Trainer Validation Rule
Back to Trainer

Validation Rule Detail   [Edit] [Clone]

Rule Name	DOB	Active	✓
Error Condition Formula	ISBLANK(Date_of_Birth__c)		
Error Message	date of birth: cannot be blank	Error Location	Top of Page
Description			
Created By	Tushar Mittal, 1/5/2022, 8:23 PM	Modified By	Tushar Mittal, 1/5/2022, 8:23 PM

[Edit] [Clone]

2.

Trainer Validation Rule

Back to Trainer

Validation Rule Detail   [Edit] [Clone]

Rule Name	Full_Name	**Active**	✓
Error Condition Formula	ISBLANK(Full_Name__c)		
Error Message	Full Name -Cannot be blank	**Error Location**	Top of Page
Description			
Created By	Tushar Mittal, 1/5/2022, 8:22 PM	**Modified By**	Tushar Mittal, 1/5/2022, 8:22 PM

[Edit] [Clone]

3.

Trainer Validation Rule

Back to Trainer

Validation Rule Detail   [Edit] [Clone]

Rule Name	Phone	**Active**	☐
Error Condition Formula	ISBLANK(Phone_Number__c)		
Error Message	Phone Cannot be blank	**Error Location**	Top of Page
Description			
Created By	Tushar Mittal, 1/5/2022, 8:23 PM	**Modified By**	Tushar Mittal, 1/8/2022, 3:19 AM

[Edit] [Clone]

4.

Trainer Validation Rule

Back to Trainer

Validation Rule Detail   [Edit] [Clone]

Rule Name	PhoneNumberMin10digits	**Active**	☐
Error Condition Formula	NOT(REGEX(Phone_Number__c, "[0-9]{10,15}"))		
Error Message	Phone and WhatsApp Number - Minimum 10 Digits, Max 15 Digits	**Error Location**	Top of Page
Description			
Created By	Tushar Mittal, 1/5/2022, 8:26 PM	**Modified By**	Tushar Mittal, 1/8/2022, 3:19 AM

[Edit] [Clone]

5.

Trainer Validation Rule

Back to Trainer

Validation Rule Detail   [Edit] [Clone]

Rule Name	Trainer_age_cannot_be_less_than_25_year	**Active**	✓
Error Condition Formula	Age__c < 25		
Error Message	Trainer age cannot be less than 25 years	**Error Location**	Top of Page
Description			
Created By	Tushar Mittal, 1/4/2022, 6:25 AM	**Modified By**	Tushar Mittal, 1/4/2022, 6:25 AM

[Edit] [Clone]

6.

Trainer Validation Rule
Back to Trainer

Validation Rule Detail   [Edit] [Clone]

Rule Name	WhatsappNumberMin10digits		Active	☐
Error Condition Formula	NOT(REGEX(Whatsapp_Number__c , "[0-9]{10,15}"))			
Error Message	Phone and WhatsApp Number - Minimum 10 Digits, Max 15 Digits		Error Location	Top of Page
Description				
Created By	Tushar Mittal, 1/5/2022, 8:27 PM		Modified By	Tushar Mittal, 1/8/2022, 3:20 AM

[Edit] [Clone]

Create Validation Rules On Student Object:

Validation:

1.Last Name cannot be blank

2. Phone Number: Min 10 digits

3. WhatsApp number: Min 10 digits

4. min 16 years of age will be required

Validation Rules
4 Items, Sorted by Rule Name

RULE NAME ▲	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Age	Top of Page	Min 16 years of age will be required	✓	Tushar Mittal, 1/4/2022, 6:40 AM
LastName	Top of Page	Last Name cannot be blank	✓	Tushar Mittal, 1/5/2022, 8:32 PM
PhoneNumber	Top of Page	Phone Number: Min 10 digits	✓	Tushar Mittal, 1/4/2022, 6:37 AM
WhatsappNumber	Top of Page	Whatsapp Number: Min 10 digits	✓	Tushar Mittal, 1/4/2022, 6:37 AM

1.

Student Validation Rule
Back to Student

Validation Rule Detail   [Edit] [Clone]

Rule Name	Age		Active	✓
Error Condition Formula	YEAR(TODAY())-YEAR(Date_of_Birth__c)<16			
Error Message	Min 16 years of age will be required		Error Location	Top of Page
Description				
Created By	Tushar Mittal, 1/4/2022, 6:40 AM		Modified By	Tushar Mittal, 1/4/2022, 6:40 AM

[Edit] [Clone]

2.

Student Validation Rule
Back to Student

Validation Rule Detail [Edit] [Clone]

Rule Name	LastName	**Active**	✓
Error Condition Formula	ISBLANK(Last_Name__c)		
Error Message	Last Name cannot be blank	**Error Location**	Top of Page
Description			
Created By	Tushar Mittal, 1/5/2022, 8:32 PM	**Modified By**	Tushar Mittal, 1/5/2022, 8:32 PM

[Edit] [Clone]

3.

Student Validation Rule
Back to Student

Validation Rule Detail [Edit] [Clone]

Rule Name	PhoneNumber	**Active**	✓
Error Condition Formula	LEN(Phone_Number__c) <10		
Error Message	Phone Number: Min 10 digits	**Error Location**	Top of Page
Description			
Created By	Tushar Mittal, 1/4/2022, 6:37 AM	**Modified By**	Tushar Mittal, 1/4/2022, 6:37 AM

[Edit] [Clone]

4.

Student Validation Rule
Back to Student

Validation Rule Detail [Edit] [Clone]

Rule Name	WhatsappNumber	**Active**	✓
Error Condition Formula	LEN(Whatsapp_Number__c) <10		
Error Message	Whatsapp Number: Min 10 digits	**Error Location**	Top of Page
Description			
Created By	Tushar Mittal, 1/4/2022, 6:37 AM	**Modified By**	Tushar Mittal, 1/4/2022, 6:37 AM

[Edit] [Clone]

Create Validation Rules On Meeting Object:

1.Valid from cannot be less than current date

2.Valid to cannot be less than valid from date

3.Min 14 days difference between valid from and valid to date

Validation Rules
3 Items, Sorted by Rule Name

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Validdateduration	Top of Page	Min 14 days difference between valid from and valid to date	✓	Tushar Mittal, 1/4/2022, 7:02 AM
Validfrom	Top of Page	Valid from cannot be less than current date	✓	Tushar Mittal, 1/4/2022, 6:52 AM
Validto	Top of Page	Valid to cannot be less than valid from date	✓	Tushar Mittal, 1/4/2022, 6:54 AM

1.

Meeting Validation Rule
Back to Meeting

Validation Rule Detail   [Edit] [Clone]

Rule Name	Validdateduration	Active	✓
Error Condition Formula	(Valid_to__c - Valid_From__c) <= 14		
Error Message	Min 14 days difference between valid from and valid to date	Error Location	Top of Page
Description			
Created By	Tushar Mittal, 1/4/2022, 7:01 AM	Modified By	Tushar Mittal, 1/4/2022, 7:02 AM

[Edit] [Clone]

2.

Meeting Validation Rule
Back to Meeting

Validation Rule Detail   [Edit] [Clone]

Rule Name	Validfrom	Active	✓
Error Condition Formula	TODAY() >= Valid_From__c		
Error Message	Valid from cannot be less than current date	Error Location	Top of Page
Description			
Created By	Tushar Mittal, 1/4/2022, 6:52 AM	Modified By	Tushar Mittal, 1/4/2022, 6:52 AM

[Edit] [Clone]

3.

Meeting Validation Rule
Back to Meeting

Validation Rule Detail		Edit	Clone		
Rule Name	Validto			**Active**	✓
Error Condition Formula	Valid_to__c< Valid_From__c				
Error Message	Valid to cannot be less than valid from date			**Error Location**	Top of Page
Description					
Created By	Tushar Mittal, 1/4/2022, 6:54 AM			**Modified By**	Tushar Mittal, 1/4/2022, 6:54 AM

Edit   Clone

Relationships (Master Detail, Look-Up):

Milestone / Activities: Create Relationships among all the object according to requirement and behavior and required to create 2 Junction Objects as per functionality (Student Enrollment, Course Trainer)
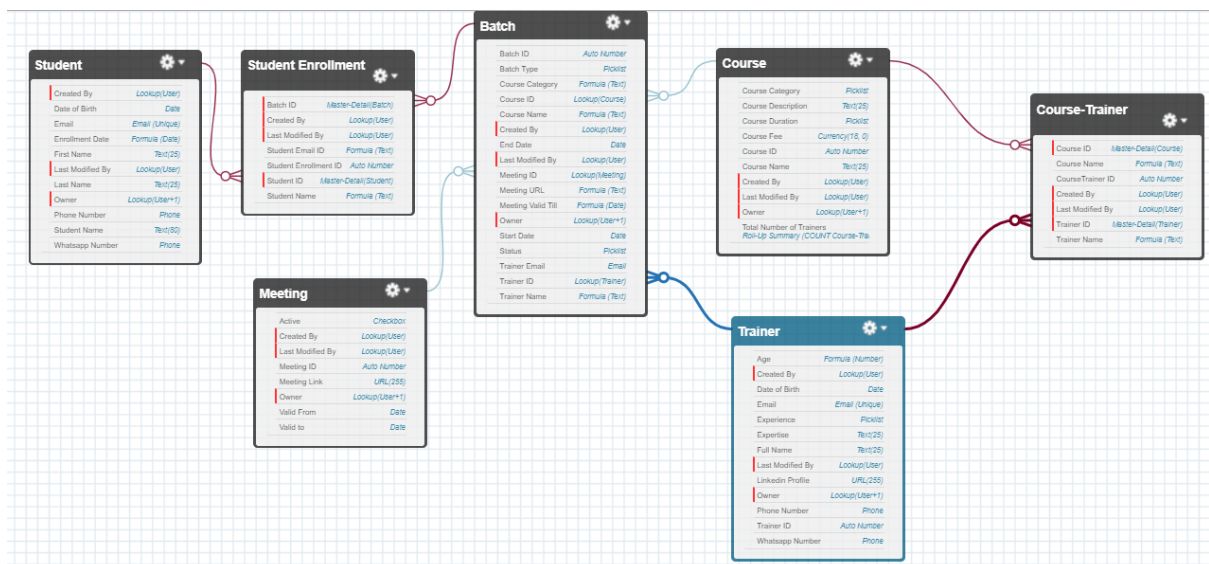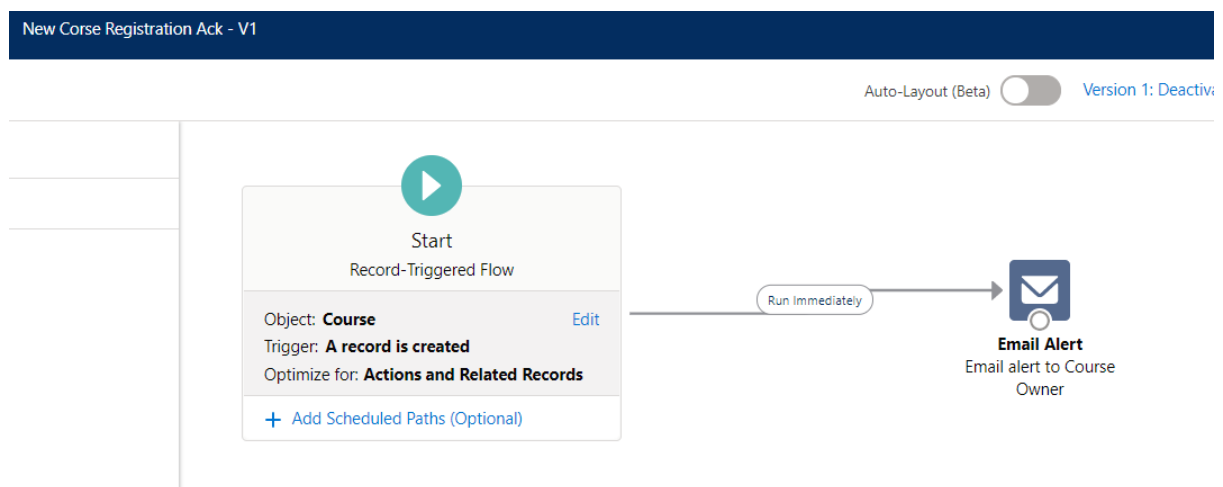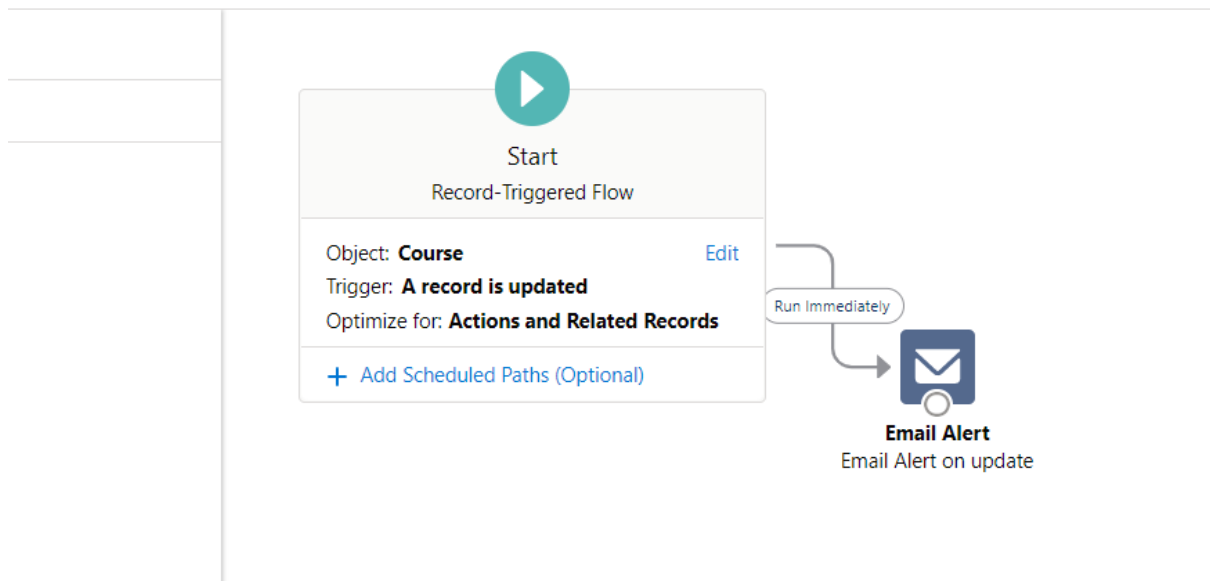
Process Automation:

There are four automation tools in salesforce:

1. Approval Process

2. Process builder

3. Flows

4. Workflows

Topic: Automation on Custom Objects

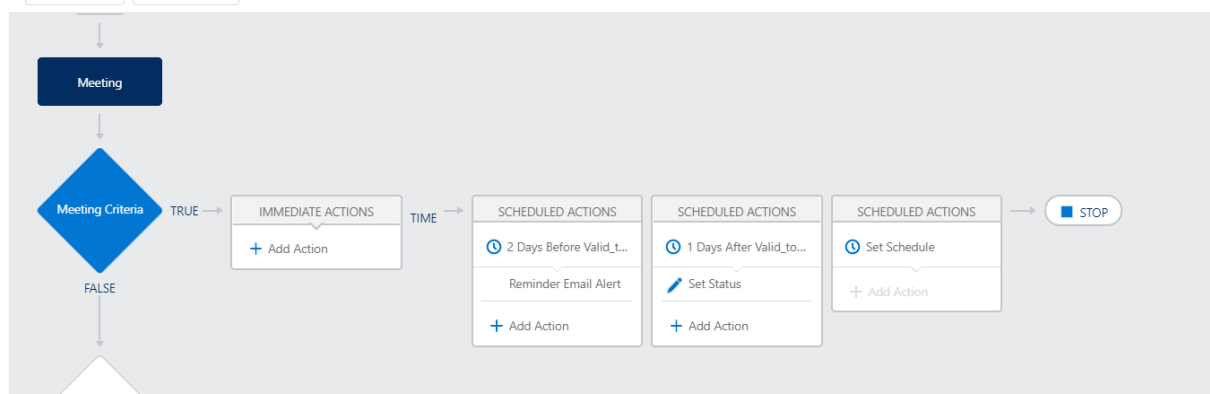Milestone / Activities: Automation Rule on Custom Object (Course,Meeting,Batch)

Course Update Alert - V1

Auto-Layout (E

Start
Record-Triggered Flow

Object: **Course**   Edit
Trigger: **A record is updated**
Optimize for: **Actions and Related Records**

+ Add Scheduled Paths (Optional)

Run Immediately

Email Alert
Email Alert on update

Process Builder - Meeting ID Reminder

Expand All   Collapse All

| Meeting |

Meeting Criteria — TRUE →

IMMEDIATE ACTIONS
+ Add Action

TIME →

SCHEDULED ACTIONS
🕐 2 Days Before Valid_t...
Reminder Email Alert
+ Add Action

SCHEDULED ACTIONS
🕐 1 Days After Valid_to...
✏ Set Status
+ Add Action

SCHEDULED ACTIONS
🕐 Set Schedule
+ Add Action

→ ■ STOP

FALSE

Process Builder - Populate Trainer Email on Batch

← Back To Setup · ? Help

Expand All · Collapse All

View All Processes · Clone · View Properties · **Deactivate** · Read Only ⓘ

START

Batch

NO — TRUE → IMMEDIATE ACTIONS → STOP
　　　　　　　✏ Trainer Email Field U...
　　　　　　　+ Add Action

FALSE

+ Add Criteria — TRUE → IMMEDIATE ACTIONS → STOP
　　　　　　　+ Add Action

FALSE

Update Records ❓

Action Name * ⓘ
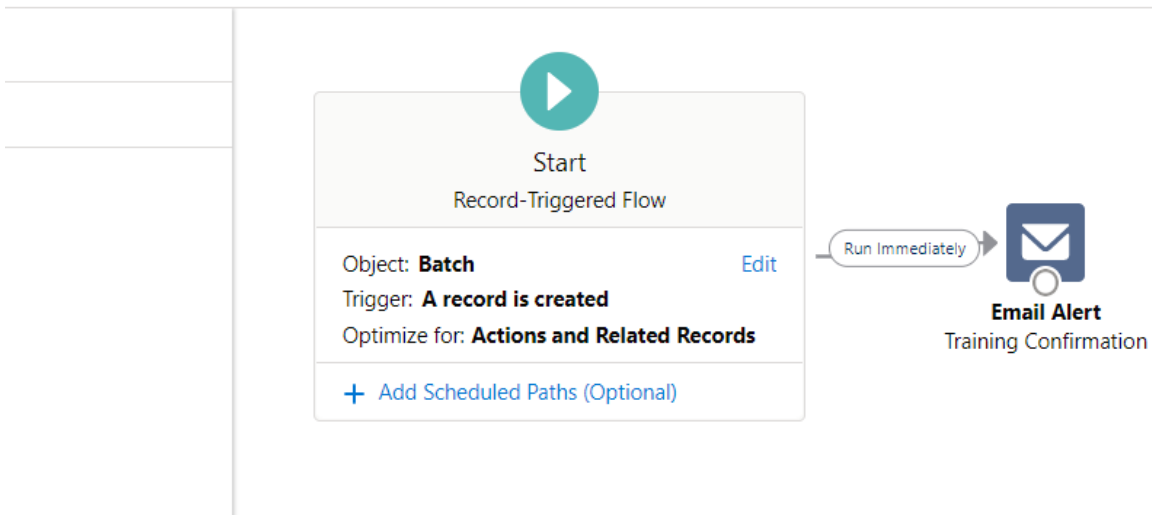[Trainer Email Field Update]

Record *
[[Batch__c]]

Criteria for Updating Records *
○ Updated records meet all conditions
○ No criteria—just update the records!

Set new field values for the records you update

Field*	Type*	Value*
Trainer Email	Field Reference ▾	[Batch__c].Trainer_ID__r.Em... 🔍

Training Confirmation - V1

Auto-L

Start
Record-Triggered Flow

Object: **Batch**　　　　　Edit
Trigger: **A record is created**
Optimize for: **Actions and Related Records**

+ Add Scheduled Paths (Optional)

Run Immediately →

Email Alert
Training Confirmation

Creating Custom Pages Using Visualforce:

Visualforce is a framework that allows developers to build sophisticated,
custom user interfaces that can be hosted natively on the Lightning platform.
The Visualforce framework includes a tag-based markup language, similar to
HTML, and a set of server-side "standard controllers" that make basic
database operations, such as queries and saves, very simple to perform.)

Milestone / Activities: VF Pages (Custom Pages)- Standard Controller , Custom Controller,
Extend Controller

Detailed Description: Custom Pages of Course, Trainer, Batch , Meeting, Student Object

Custom Visualforce Page of Course

```
  1  public with sharing class CourseApex
  2  {
  3  public Course__c courseObj{get;set;}
  4
  5      public CourseApex()
  6      {
  7          courseObj=new Course__c();
  8      }
  9        public PageReference saveRecord()
 10        {
 11        if(courseObj.Course_Name__c=='' ||courseObj.Course_Name__c==null)
 12          {
 13              //ApexPages.addMessage(new ApexPages.message(ApexPages.Severity.Error,'Course can't be left blank'));
 14              courseObj.Course_Name__c.addError('course blank');
 15            return null;
 16          }
 17            else
 18            {
 19          insert courseObj;
 20          PageReference pr=new PageReference('/apex/coursethankspage');
 21          //ApexPages.addMessage(new ApexPages.message(ApexPages.Severity.Confirm,'Record Inserted Successfully'));
 22          return pr;
 23            }
 24        }
```

Position: Ln 25, Ch 2   Total: Ln 25, Ch 765

Standard Visualforce Page of Batch


```
  1  <apex:page lightningStylesheets="true" standardController="Batch__c">
  2      <apex:form >
  3      <apex:sectionHeader title="New Batch"/>
  4          <apex:pageBlock >
  5          <apex:pageBlockSection >
  6              <apex:inputField value="{!Batch__c.Batch_Type__c}"/>
  7              <apex:inputField value="{!Batch__c.Start_Date__c}"/>
  8              <apex:inputField value="{!Batch__c.End_Date__c}"/>
  9              <apex:inputField value="{!Batch__c.Course_ID__c}"/>
 10              <apex:inputField value="{!Batch__c.Meeting_ID__c}"/>
 11              <apex:inputField value="{!Batch__c.Trainer_ID__c}"/>
 12              <apex:inputField value="{!Batch__c.Status__c}"/>
 13          </apex:pageBlockSection>
 14              <center><apex:commandButton value="Save" action="{!save}"/></center>
 15          </apex:pageBlock>
 16      </apex:form>
 17  </apex:page>
```

Standard Visualforce Page of Meeting


```
1  <apex:page standardController="Meeting__c" lightningStylesheets="true">
2  <apex:form >
3  <center>
4  <apex:sectionHeader title="New Meeting"/>
5  </center>
6
7  <apex:pageBlock >
8  <apex:pageBlockSection title="Information" collapsible="false">
9  <apex:inputField value="{!Meeting__c.Valid_From__c}"/>
10 <apex:inputField value="{!Meeting__c.Valid_to__c}"/>
11 <apex:inputField value="{!Meeting__c.Meeting_Link__c}"/>
12 <apex:inputField value="{!Meeting__c.Active__c}"/>
13
14 </apex:pageBlockSection>
15 <center>
16 <apex:commandButton value="Save" action="{!save}" />
17 </center>
18 </apex:pageBlock>
19 </apex:form>
```

Standard Visualforce Page of Student

```
     Student
1  <apex:page standardController="Student__c" lightningStylesheets="true">
2  <apex:form >
3  <center><apex:sectionHeader title="New Student"/></center>
4  <apex:pageBlock >
5  <apex:pageBlockSection title="Information" >
6  <apex:inputField value="{!Student__c.Name}"/>
7  <apex:inputField value="{!Student__c.First_Name__c}"/>
8  <apex:inputField value="{!Student__c.Last_Name__c}"/>
9  <apex:inputField value="{!Student__c.Phone_Number__c}"/>
10 <apex:inputField value="{!Student__c.Email__c}"/>
11 <apex:inputField value="{!Student__c.Date_of_Birth__c}"/>
12 <apex:inputField value="{!Student__c.Whatsapp_Number__c}"/>
13 </apex:pageBlockSection>
14 <center>
15 <apex:commandButton value="Save" action="{!save}"/>
16 </center>
17 </apex:pageBlock>
18 </apex:form>
19 </apex:page>
```

Custom Visualforce Page of Trainer

Online Training Dev...   Courses ∨   Meetings ∨   Students ∨   Trainers ∨   Batch ∨   CourseNew   BatchVF   MeetingVF   StudentVf   TrainerNew

New Trainer

∨ Details

| Full Name | | Email | |
| Date of Birth | [1/8/2022] | Age | |

∨ Additional Info

| Experience | --None-- | Expertise | |
| Whatsapp Number | | Linkedin Profile | |

Save Record

```
     Trainerapex    Trainerapex
1  public with sharing class Trainerapex
2  {
3  
4  
5      public Trainer__c Trainerobj{get;set;}
6          public Trainerapex()
7          {
8          Trainerobj=new Trainer__c();
9          }
10     public PageReference saveRecord()
11     {
12         //PageReference pr=new PageReference();
13         insert Trainerobj;
14         ApexPages.addMessage(new ApexPages.message(ApexPages.Severity.Confirm,'Record Inserted Successfully'));
15         return null;
16         }
17 
18 }
```

```
     X    Trainerapex     Trainerapex

     💾  🔍  ➜  ↩  ↪  A  A

 1  <apex:page Controller="Trainerapex" lightningStylesheets="true">
 2  <apex:form >
 3
 4  <apex:sectionHeader title="New Trainer" />
 5  <apex:pageBlock >
 6  <apex:pageBlockSection title="Details" >
 7  <apex:inputField value="{!Trainerobj.Full_Name__c}"/>
 8  <apex:inputField value="{!Trainerobj.Email__c}"/>
 9  <apex:inputField value="{!Trainerobj.Date_of_Birth__c}"/>
10  <apex:inputField value="{!Trainerobj.Age__c}"/>
11  </apex:pageBlockSection>
12
13  <apex:pageBlockSection title="Additional Info" >
14  <apex:inputField value="{!Trainerobj.Experience__c}"/>
15  <apex:inputField value="{!Trainerobj.Expertise__c}"/>
16  <apex:inputField value="{!Trainerobj.Phone_Number__c}"/>
17  <apex:inputField value="{!Trainerobj.Whatsapp_Number__c}"/>
18  <apex:inputField value="{!Trainerobj.Linkedin_Profile__c}"/>
19  </apex:pageBlockSection>
20
21  <center>
22  <apex:commandButton value="Save Record" action="{!saveRecord}" />
23  </center>
24
```

Triggers

A trigger is an Apex script that executes before or after data manipulation language (DML) events occur. Apex triggers enable you to perform custom actions before or afterevents to record in Salesforce, such as insertions, updates, or deletions. Just like database systems support triggers, Apex provides trigger support for managing records.

Trigger On Trainer Object

```
NewTrainerComponent.cmp   NewTrainerComponentController.js   NewTrainerApp   NewTrainerApp.app   NewTrainerApp.css   StudentPhoneValidation.apxt   StudentPhoneValidation.apxc   ValidateDeleteOnTrainer.apxt

Code Coverage: None ▾  API Version: 53 ▾                                                                                                   Go To

 1   trigger ValidateDeleteOnTrainer on Trainer__c (before delete)
 2 ▾ {
 3        Trainer__c Trainerobj = Trigger.New[0];
 4        //if the trainer have active batch it wont be able to delete
 5 ▾      List<Batch__c> listbatch=[select Name,Status__c
 6                            from Batch__c
 7                            where Trainer_ID__c=:Trainerobj.Id];
 8
 9        Integer flag=0;
10          for(Batch__c b:listbatch)
11 ▾        {
12              if(b.Status__c!='Completed')
13 ▾            {
14                  flag=1;
15                  break;
16              }
17          }
```

Trigger On Student Object

File ▾   Edit ▾   Debug ▾   Test ▾   Workspace ▾   Help ▾   <   >

NewTrainerComponent.cmp ✕   NewTrainerComponentController.js ✕   NewTrainerApp ✕   NewTrainerApp.app ✕   NewTrainerApp.css ✕   StudentPhoneValidation.apxt ✕   **StudentPhoneValidation.apxc** ✕

Code Coverage: None ▾   API Version: 53 ▾

```
1    public class StudentPhoneValidation
2  ▾ {
3       public static void phonevalidate(Student__c studobj)
4  ▾    {
5          if(studobj.Phone_Number__c=='' || studobj.Phone_Number__c==Null)
6  ▾       {
7              System.debug('Phone cannot be blank');
8          }
9          else
10 ▾       {
11             studobj.Whatsapp_Number__c=studobj.Phone_Number__c;
12         }
13      }
14  }
```

NewTrainerComponent.cmp ✕   NewTrainerComponentController.js ✕   NewTrainerApp ✕   NewTrainerApp.app ✕   NewTrainerApp.css ✕   **StudentPhoneValidation.apxt** ✕   StudentPhoneValid...

Code Coverage: None ▾   API Version: 53 ▾

```
1    trigger StudentPhoneValidation on Student__c (before insert,before update)
2  ▾ {
3
4    // studobj -object to store one record at a time so we use Trigger.New[0] , Else Trigger.New returns list.
5       Student__c studobj1=Trigger.New[0];
6       StudentPhoneValidation.phonevalidate(studobj1); //call apex class and its method
7    }
```

Trigger On Meeting Object

NewTrainerComponent.cmp ✕   NewTrainerComponentController.js ✕   NewTrainerApp ✕   NewTrainerApp.app ✕   NewTrainerApp.css ✕   StudentPhoneValidation.apxt ✕   StudentPhoneValidation.apxc ✕   ValidateDeleteOnTrainer.apxt ✕   **DatecheckonMeeting.ap**

Code Coverage: None ▾   API Version: 53 ▾

```
1    trigger DatecheckonMeeting on Meeting__c (before insert)
2  ▾ {
3       for(Meeting__c mt :trigger.new)
4  ▾    {
5          if(mt.Valid_From__c<Date.today() )
6  ▾       {
7              mt.Valid_From__c.adderror('Valid From Date Should Be Greater Than Today');
8          }
9          if(mt.Valid_To__c < mt.Valid_From__c)
10 ▾       {
11             mt.Valid_To__c.adderror('Valid To Date shouldbe greater than valid from date');
12         }
13
14         Integer noOfDays = (mt.Valid_From__c). daysBetween(mt.Valid_To__c);
15         if(noOfDays < 14)
16 ▾       {
17             mt.Valid_From__c.adderror('Minimum 14 days difference  should be present between one meeting');
18         }
19      }
20  }
```

Conclusion:

In this project, I've brushed up many of my concepts like creation of object, applying validation rules, relationships, automations, Triggers and learnt how to create custom pages using visual. While doing all these, I found many errors but all were solved by other colleague or by Trainer. Our Trainer(mentor) supported me a lot to get hands on such a great project. I would look forward to join these kinds of short training in future for further more knowledge and brush up my skills. At present confident enough to work in any development project.

----------------------------------**Thanks**--