SMART INTERNZ

SALESFORCE PROJECT READY - ONLINE TRAINING MANAGEMENT DEVELOPER.

Vaskula Shiney

Day 1:03/01/2022

Topic:Create Your Salesforce Developer Org To Get Started

Milestone / Activities:.

1.Creating Developer Account

2.Account Activation

Login To Your Salesforce Account

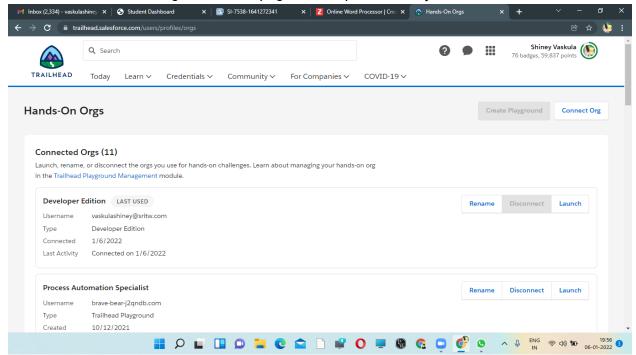
Detailed Description:

Initially I had created a developer org salesforce by following steps:

I had signed up, then i had entered my details in the sign up from, the I had got an email that I was signed up and to verify my account, so the account had created after that I had opened the salesforce.com link. Then I logined in to my account by entering my username and password

that i had created after login the home page was displaced on my screen. Initially I had created a developer org salesforce by following steps:

I had signed up, then i had entered my details in the sign up from, the I had got an email that I was signed up and to verify my account, so the account had created after that I had opened the salesforce.com link. Then I logined in to my account by entering my username and password that i had created after login the home page was displaced on my screen.

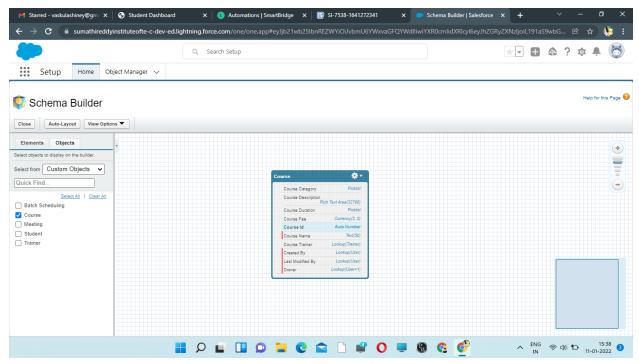


Day 02: 04/01/22

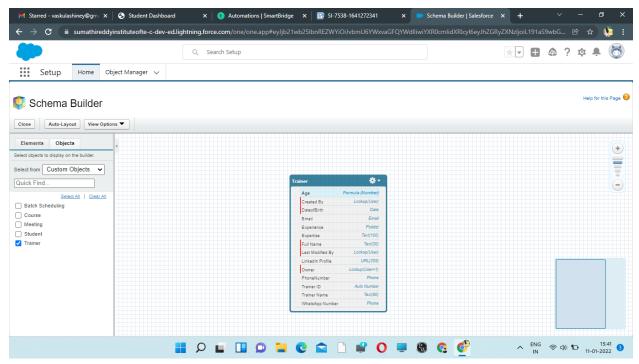
Topic: Custom Object Creation

Milestone / Activities :

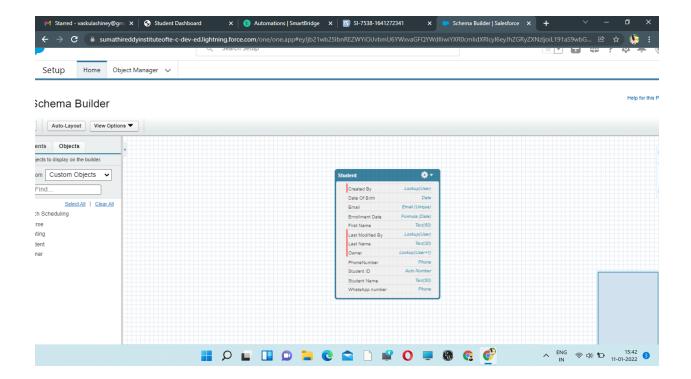
- 1. Create The Custom Objects For The Application
- a. Courses
- b. Trainer
- c. student
- d. Meeting
- e. Batch/Class Scheduling
- 2. Create Custom Fields On Course Object



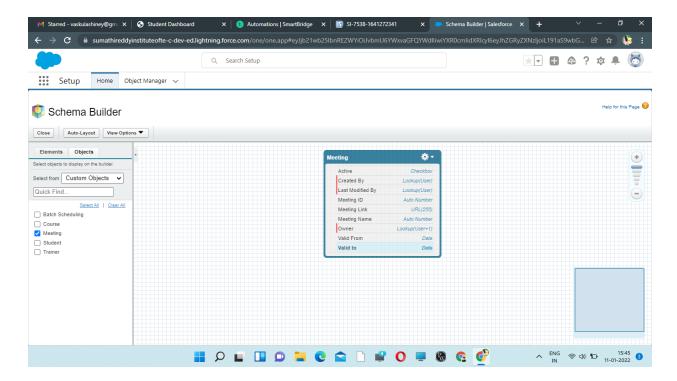
3. Create Custom Fields On Trainer Object



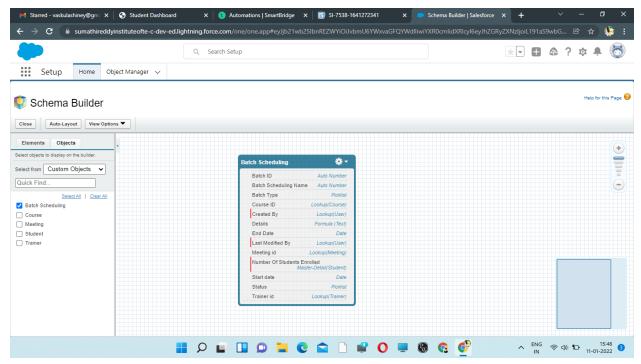
4. Create Custom Fields On Student Object



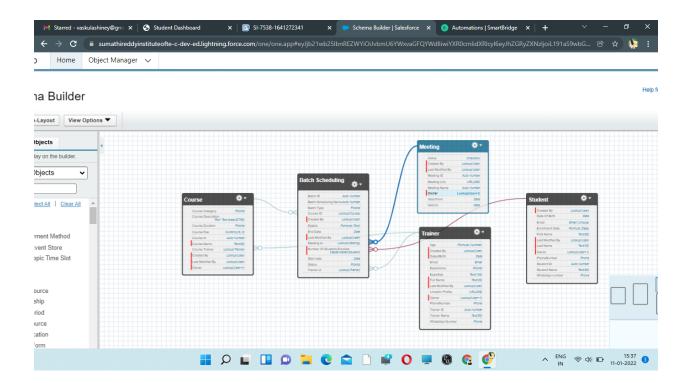
5. Create Custom Fields On Meeting Object



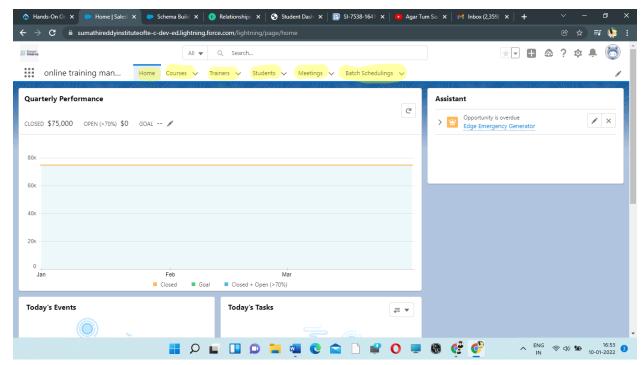
6. Create Custom Fields On Batch Object



Over All Objects



Home page



Day 3: 05/01/22

Topic:Create Validation Rules

Milestone / Activities:

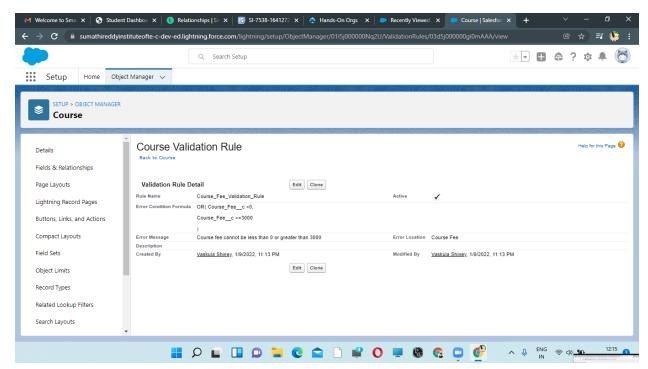
1.Create Validation Rules On Course Object

2.Create Validation Rules On Trainer Object Create Validation Rules On Student Object Create Validation Rules On Meeting Object

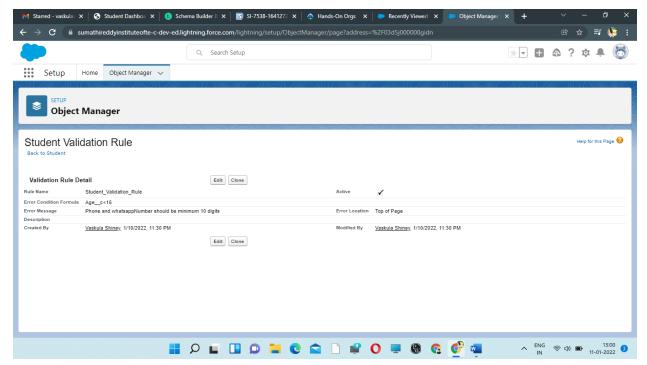
Detailed Description:

Upload the Screenshot the Milestone / Activities :

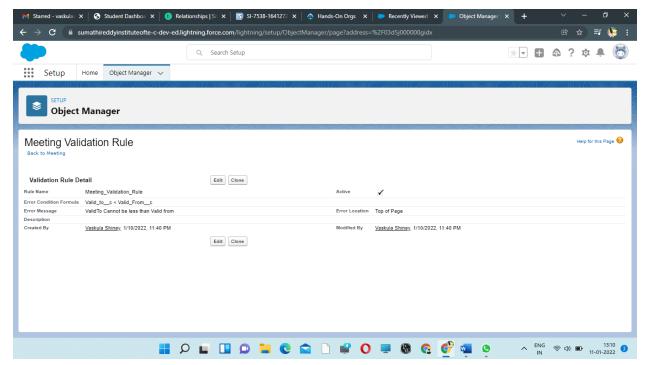
1. Course Validation Rule



- 2. Trainer Validation Rule
- 3. Student Validation Rule



4. Meeting Validation Rule



Day 4:06/01/2022

Topic:Process Automation

Milestone / Activities:

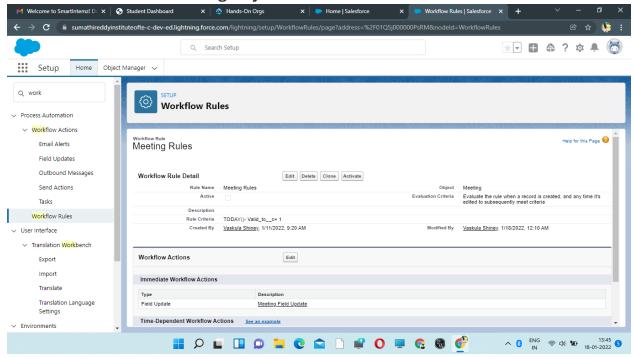
1.Creating Work Flow Rules On Meeting Object

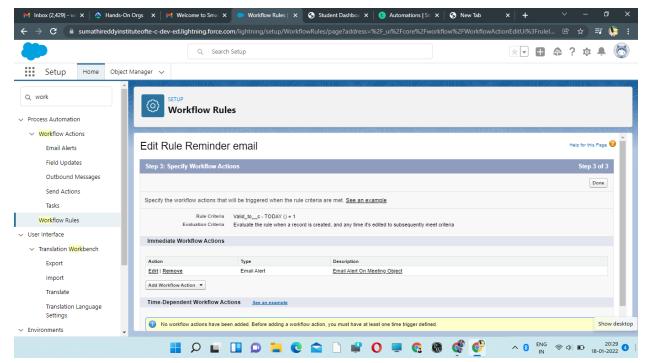
2.Create Work Flow Rules On Class/Batch Object

Detailed Description:

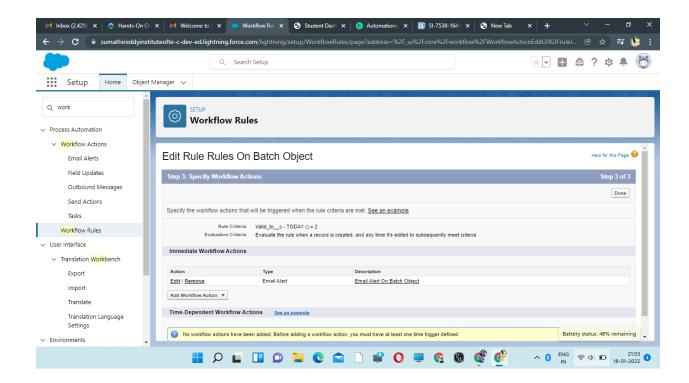
Upload the Screenshot the Milestone / Activities:

Work Flow Rules On Meeting Object





Work Flow Rules On Class/Batch Object



Day 5:07/01/2022

Topic: Creating Custom Pages Using Visualforce

Milestone / Activities:

1.creating New Course Using Custom Controller

Detailed Description:

course visualforce page code

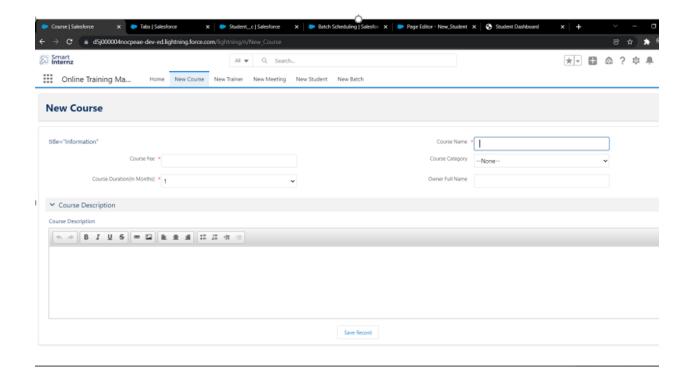
```
<apex:page lightningStylesheets="true" controller="course">
 <apex:form >
<apex:sectionHeader title="New Course"/>
 <apex:pageMessages ></apex:pageMessages>
<apex:pageBlock >
 <apex:pageBlockSection >
 <apex:inputfield value="{!cr.Course_Name__c}"/>
 <apex:inputfield value="{!cr.Course_Category__c}"/>
 <apex:inputfield value="{!cr.Course_Fee__c}"/>
 <apex:inputfield value="{!cr.Course_Duration__c}"/>
 <apex:inputfield value="{!cr.Course_Description__c}"/>
 </apex:pageBlockSection>
 <center><apex:commandButton value="Save" action="{!save}"/></center>
</apex:pageBlock>
 </apex:form>
</apex:page>
course custom controller code:
public with sharing class course
public Course__c cr{get;set;}
```

```
public course()
{
    cr=new Course_c();
}

public void save() {
    if(cr.Course_Fee_c < 0 || cr.Course_Fee_c > 3000 )
    {
        ApexPages.addmessage(new ApexPages.message(ApexPages.severity.Error, 'Course
Fee Should be less Than 3000 and Cannot Be Negative'));
    }
    else{
    insert cr;
        ApexPages.addmessage(new ApexPages.message(ApexPages.severity.Confirm,
'Record Inserted Successsfully'));
        cr=new Course_c();
    }
}
```

Upload the Screenshot the Milestone / Activities:

1.Creating New Course Using Custom Controller



2.Create New Trainer Using Custom Controller

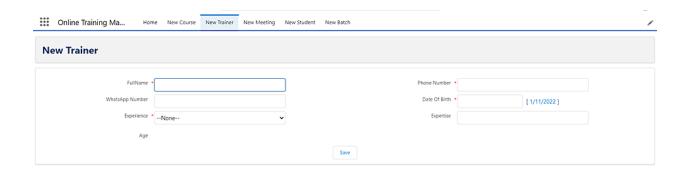
Detailed Description:

Trainer visualforce code:

<apex:page lightningStylesheets="true" controller="trainer">
 <apex:form >

```
<apex:sectionHeader title="New Trainer"/>
 <apex:pageMessages ></apex:pageMessages>
 <apex:pageBlock >
 <apex:pageBlockSection >
 <apex:inputfield value="{!tr.FullName_c}" required="true"/>
 <apex:inputfield value="{!tr.Email__c}" required="true"/>
 <apex:inputfield value="{!tr.Phone_Number__c}" required="true"/>
 <apex:inputfield value="{!tr.Whatsapp_Number__c}"/>
 <apex:inputfield value="{!tr.Date_Of_Birth__c}" required="true"/>
 <apex:inputfield value="{!tr.Experience__c}" required="true"/>
 <apex:inputfield value="{!tr.LinkedIN_Profile__c}"/>
 <apex:inputfield value="{!tr.Expertise__c}"/>
   <apex:inputField value="{!tr.Age__c}"/>
</apex:pageBlockSection>
 <center><apex:commandButton value="Save" action="{!save}"/></center>
</apex:pageBlock>
 </apex:form>
</apex:page>
Trainer controller code:
public with sharing class trainer {
public Trainer__c tr{get; set;}
public trainer()
tr=new Trainer__c();
```

```
public void save()
{
  insert tr;
   ApexPages.addmessage(new ApexPages.message(ApexPages.severity.Confirm,
'Record Inserted Successsfully'));
   tr=new Trainer__c();
}
Upload the Screenshot the Milestone / Activities:
```





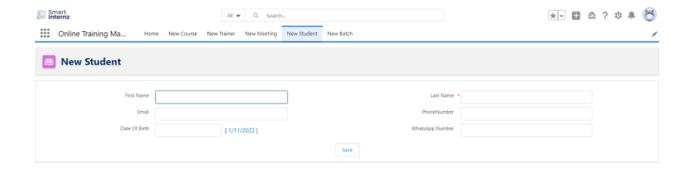
3.Create New Student Using Standard Controller

Detailed Description:

Student visualforce code

<apex:page lightningStylesheets="true" standardController="Students_c">
 <apex:form >
 <apex:sectionHeader title="New Student"/>
 <apex:pageBlock >
 <apex:pageBlockSection >
 <apex:inputField value="{!Students_c.First_Name_c}"/>

Upload the Screenshot the Milestone / Activities:

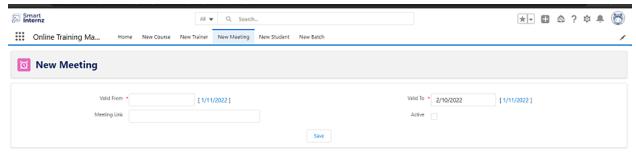


4.Create New Meeting Using Standard Controller

Detailed Description:

Meeting visualforce code:

Upload the Screenshot the Milestone / Activities:



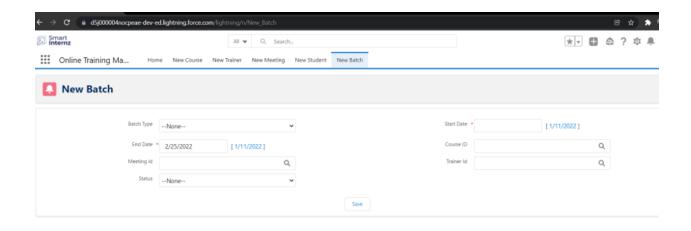
5.Create New Batch Using Standard Controller

Detailed Description:

Batch visualforce code:

```
<apex:page lightningStylesheets="true" standardController="Batch_c">
  <apex:form >
 <apex:sectionHeader title="New Batch"/>
    <apex:pageBlock >
    <apex:pageBlockSection >
      <apex:inputField value="{!Batch_c.Batch_Type_c}"/>
      <apex:inputField value="{!Batch_c.Start_Date_c}"/>
      <apex:inputField value="{!Batch_c.End_Date_c}"/>
      <apex:inputField value="{!Batch_c.Course_ID_c}"/>
      <apex:inputField value="{!Batch__c.Meeting_ID__c}"/>
      <apex:inputField value="{!Batch_c.Trainer_ID_c}"/>
      <apex:inputField value="{!Batch__c.Status__c}"/>
      </apex:pageBlockSection>
      <center><apex:commandButton value="Save" action="{!save}"/></center>
    </apex:pageBlock>
  </apex:form>
</apex:page>
```

Upload the Screenshot the Milestone / Activities:





Day 8:12/01/22

Topic:Triggers

Milestone / Activities:

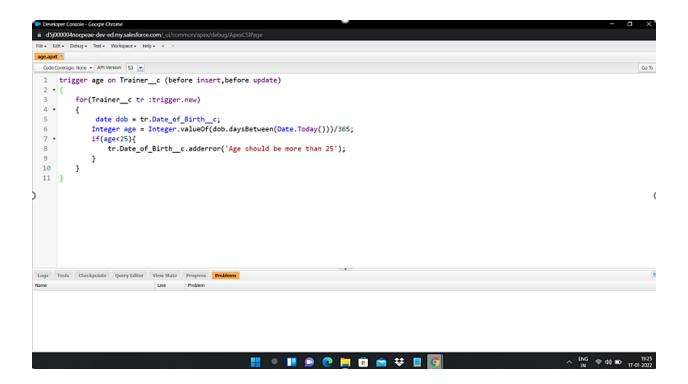
- 1.Trigger On Trainer Object
- 2.Trigger On Student Object
- 3.Trigger On Meeting Object

Detailed Description:

```
1. Create the following trigger on trainer object.
trigger age on Trainer_c (before insert,before update)
{
  for(Trainer_c tr :trigger.new)
  {
    date dob = tr.Date_of_Birth_c;
    Integer age = Integer.valueOf(dob.daysBetween(Date.Today()))/365;
    if(age<25){
        tr.Date_of_Birth_c.adderror('Age should be more than 25');
    }
  }
}</pre>
```

Upload the Screenshot the Milestone / Activities :

1.Trigger On Trainer Object



2.Trigger On Student Object

Detailed Description:

1.Create the following trigger on student object.
trigger ageCheck on Students_c (before insert)
{

```
for(Students_c std :trigger.new)
{
    date dob = std.Date_of_Birth_c;
    Integer age = Integer.valueOf(dob.daysBetween(Date.Today()))/365;
    if(age<25){
        std.Date_of_Birth_c.adderror('Age should be more than 16');
    }
}
Upload the Screenshot the Milestone / Activities :</pre>
```

```
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```

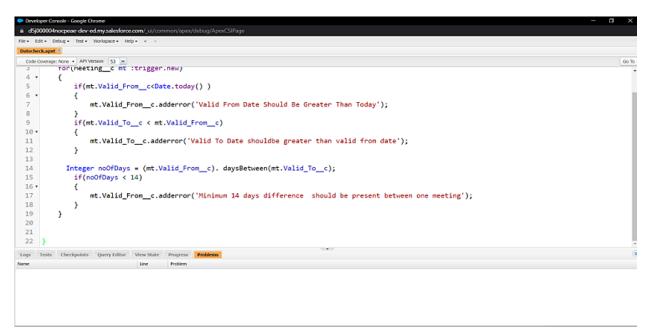


3.Trigger On Meeting Object:

Detailed Description:

```
1. Create the following trigger on meeting object.
trigger Datecheck on Meeting_c (before insert)
{
   for(Meeting_c mt :trigger.new)
   {
```

```
if(mt.Valid_From_c<Date.today())
{
    mt.Valid_From_c.adderror('Valid From Date Should Be Greater Than Today');
}
if(mt.Valid_To_c < mt.Valid_From_c)
{
    mt.Valid_To_c.adderror('Valid To Date shouldbe greater than valid from date');
}
Integer noOfDays = (mt.Valid_From_c). daysBetween(mt.Valid_To_c);
    if(noOfDays < 14)
{
        mt.Valid_From_c.adderror('Minimum 14 days difference should be present between one meeting');
    }
}
Upload the Screenshot the Milestone / Activities :</pre>
```



Day 9:14/01/22

Topic: DashBoards with Reports

Milestone / Activities:

Detailed Description:

We have Created a Training Details Dashboard using,

Course Details Report.

Trainer Detailed Report.

Batch Matrix Report.

Upload the Screenshot the Milestone / Activities :

