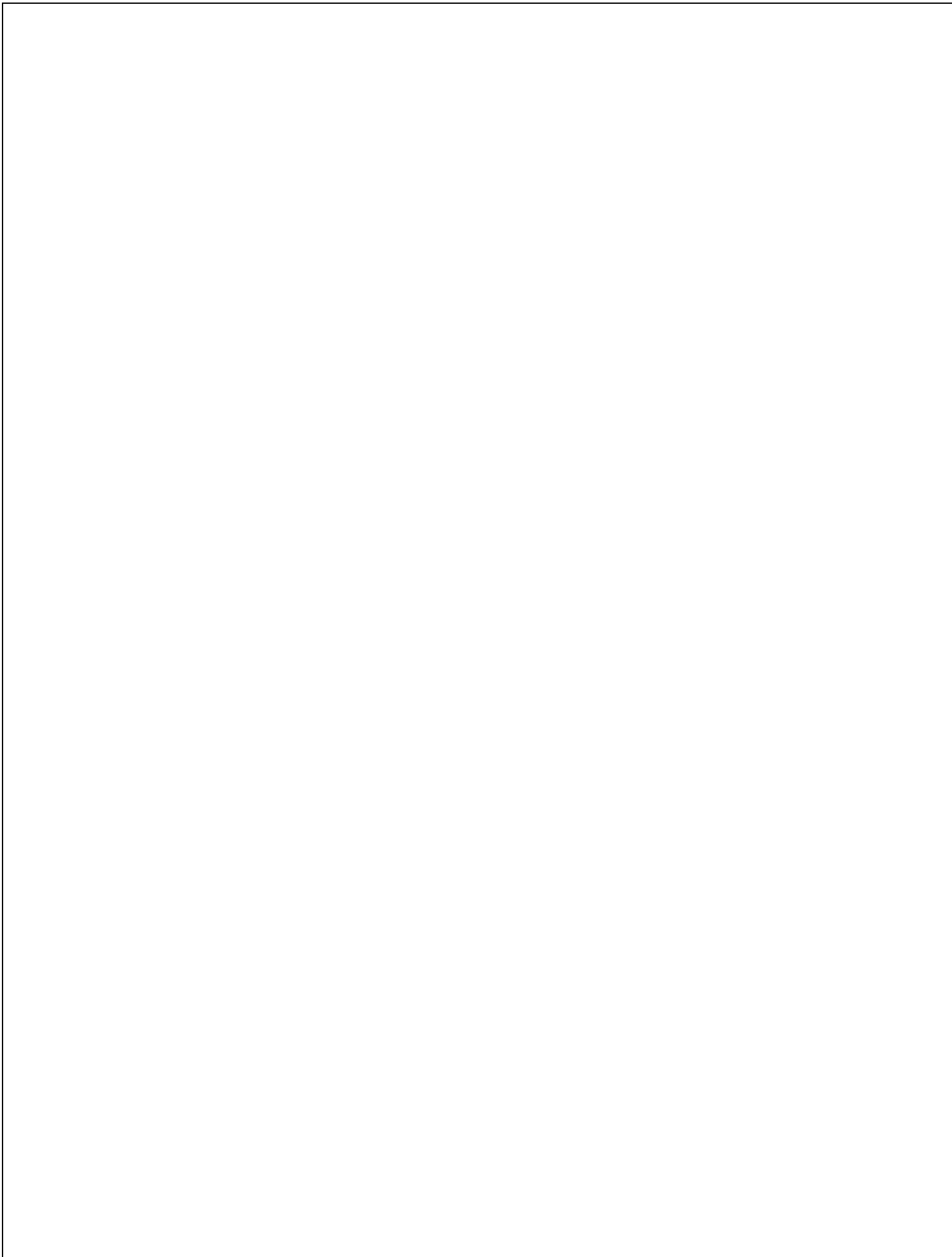


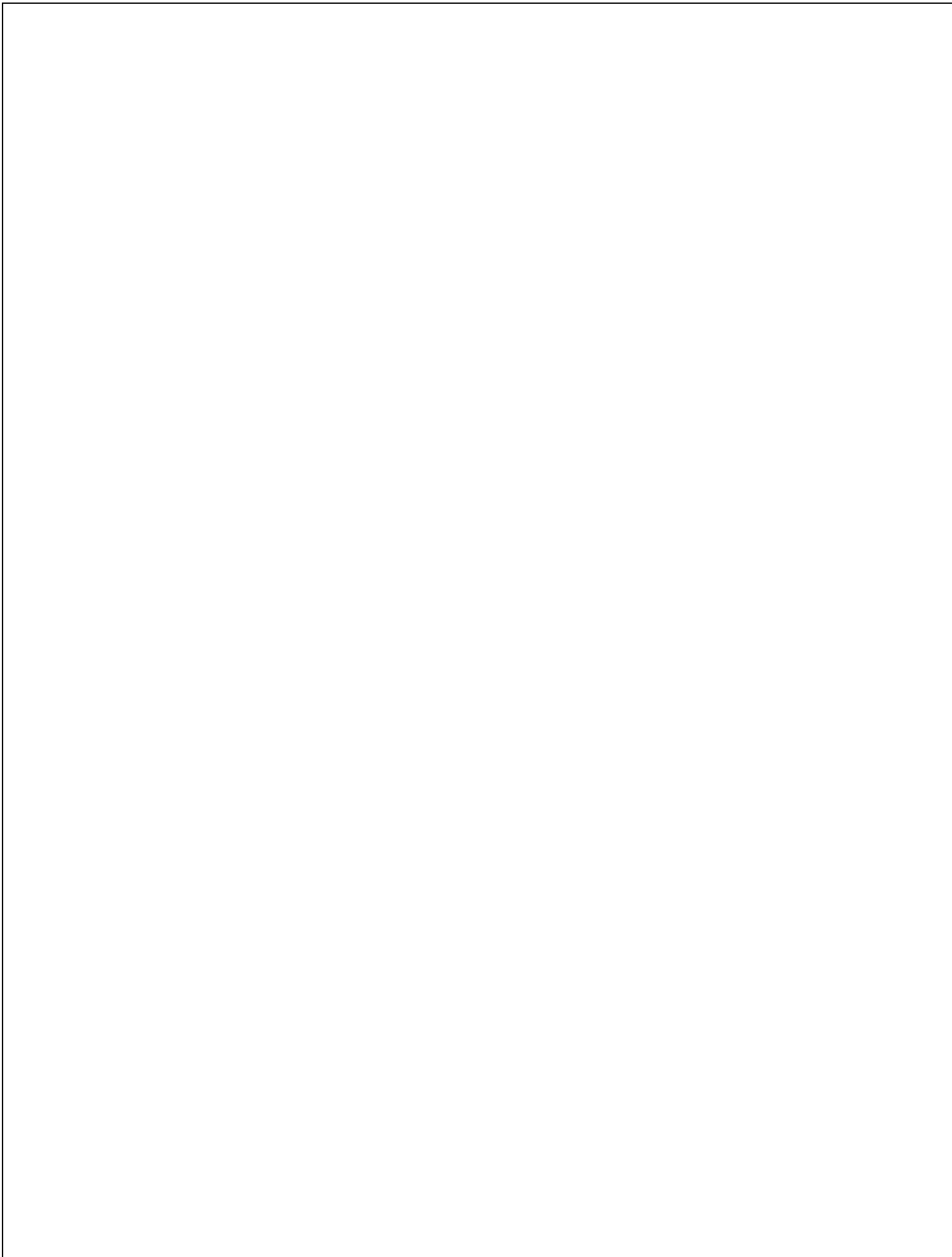


# SALESFORCE PROJECT READY

Entry Level Training & Professional Development Program

Project Title: Online Training Management Application





Day 1:

Topic: Introduction to Salesforce Org

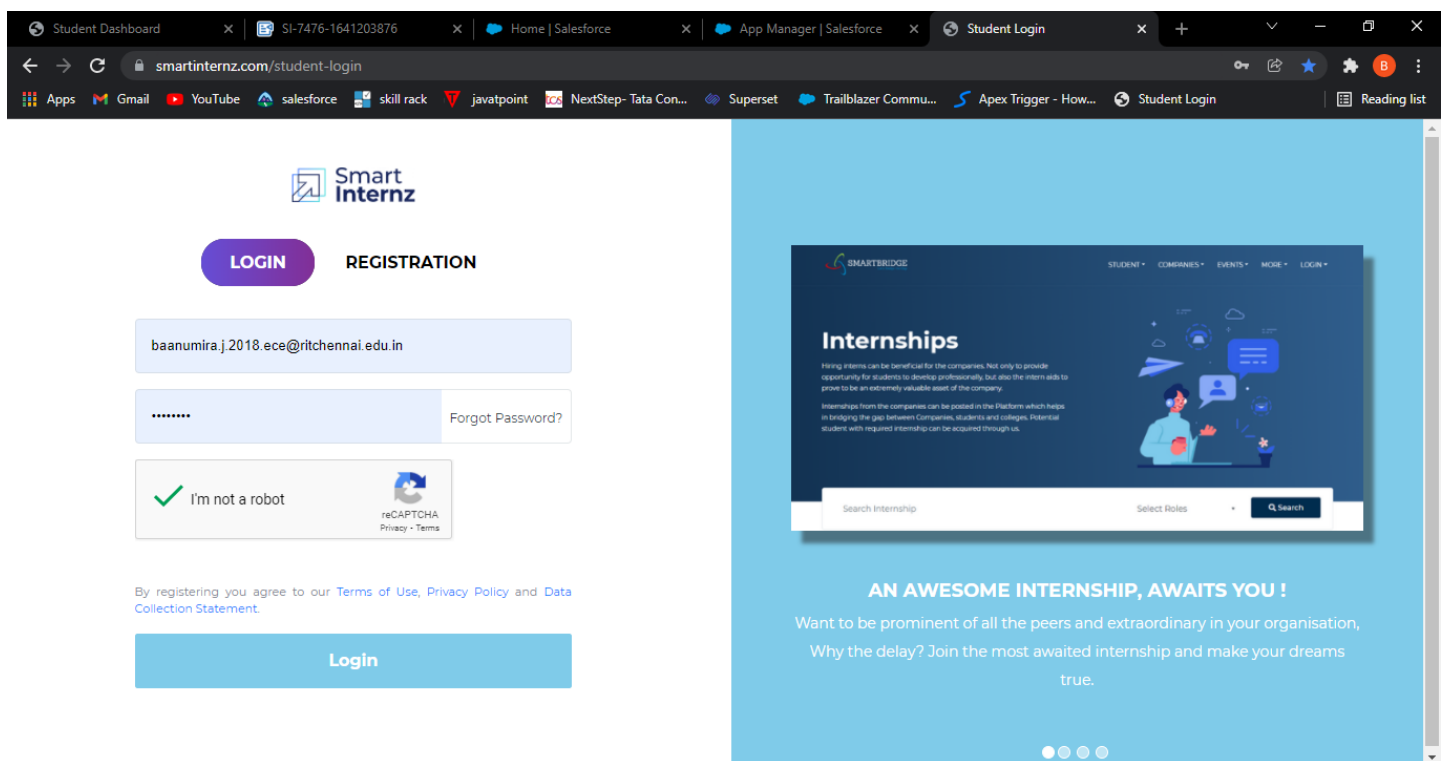
Milestone/Activites: To create a salesforce developer org and account activation

Detailed Description: We have received the SMARTINTERNZ credentials to login and access the resources for the project(Online Training Management) from the externship column. In the very first session they have delivered how to create an application using lightning app, and some glimpse of CRM and other basic terminologies of salesforce at the end of session we are instructed to follow the project details under the project workspace to complete the first task i.e to activate our salesforce developer org

Screenshots:

Step 1:

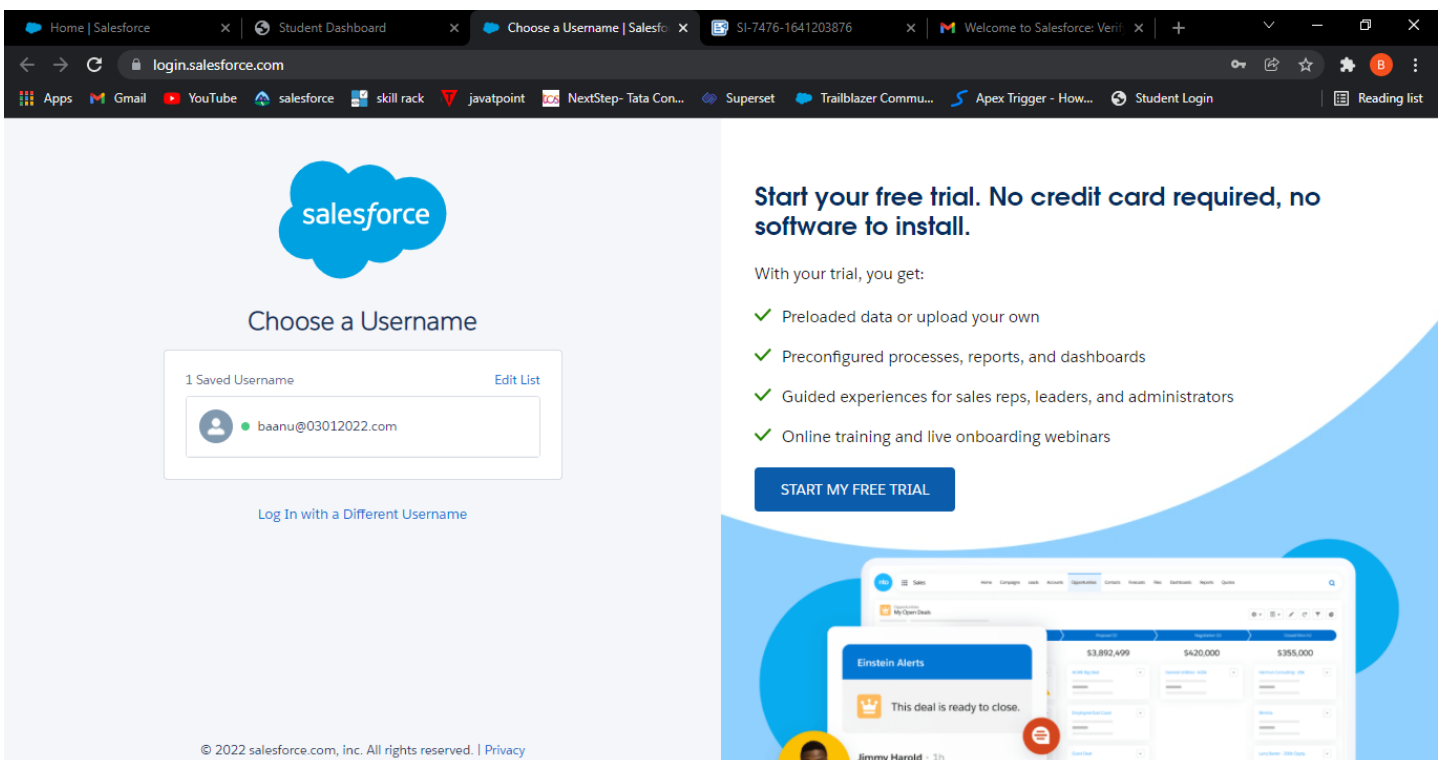
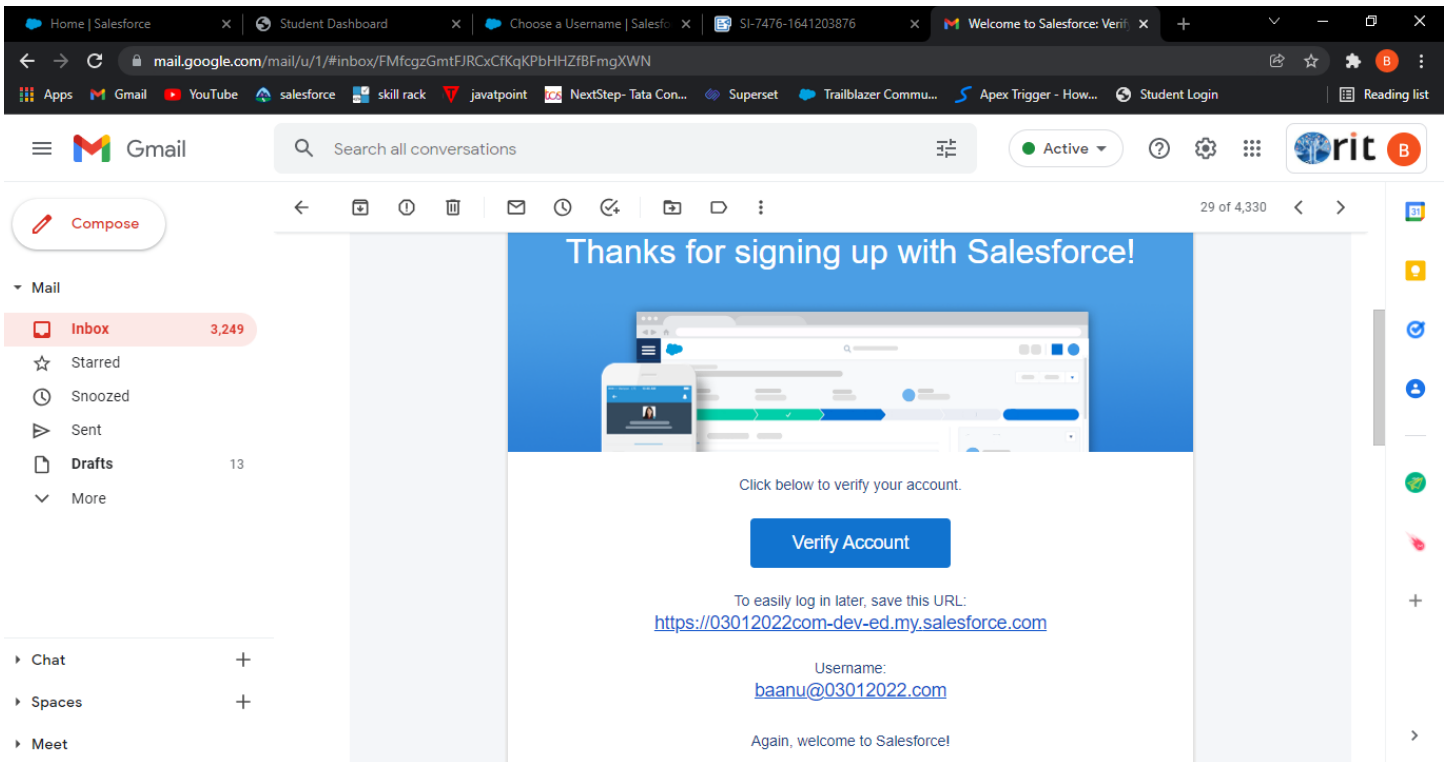
Login to the SMARTINTERNZ platform

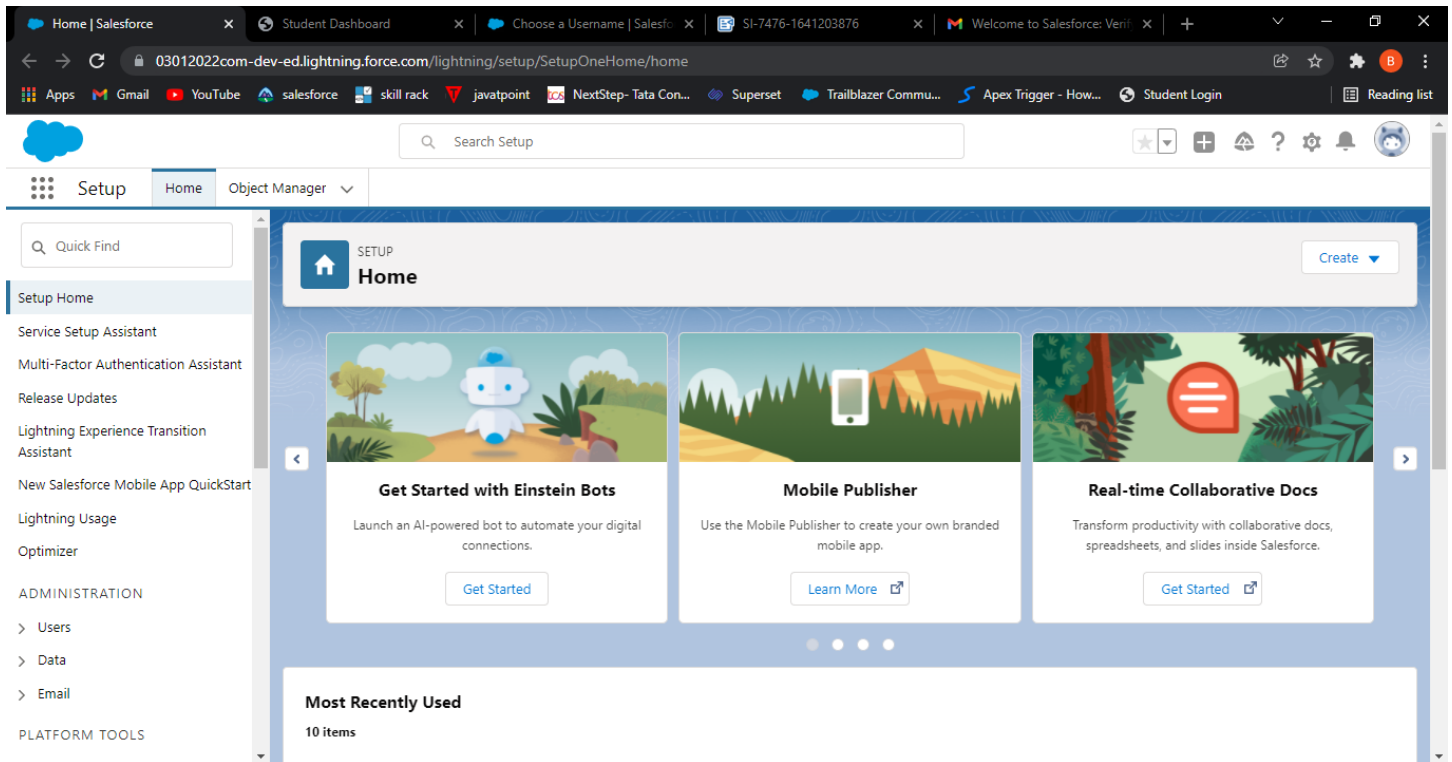


Step 2:

Creating a developer Account by sign up and fill the required details within 5-10 minutes I got my email verification and activated my account by verify account through the mail

After verification I have logged in to my salesforce account





Day 2:

Topic: Create Custom Objects

Milestone/Activites: Creating Custom Objects and their respective Fields

Detailed Description: In the second session we learned about Objects and fields and how to create object in the salesforce org. There are 3 ways for creating objects first by using schema builder , create object directly in the object manager page or create object from spreadsheet

The task is to create an custom object for the application

Objects-----> Courses, Trainer, Student, Meeting, Batch/Class Scheduling

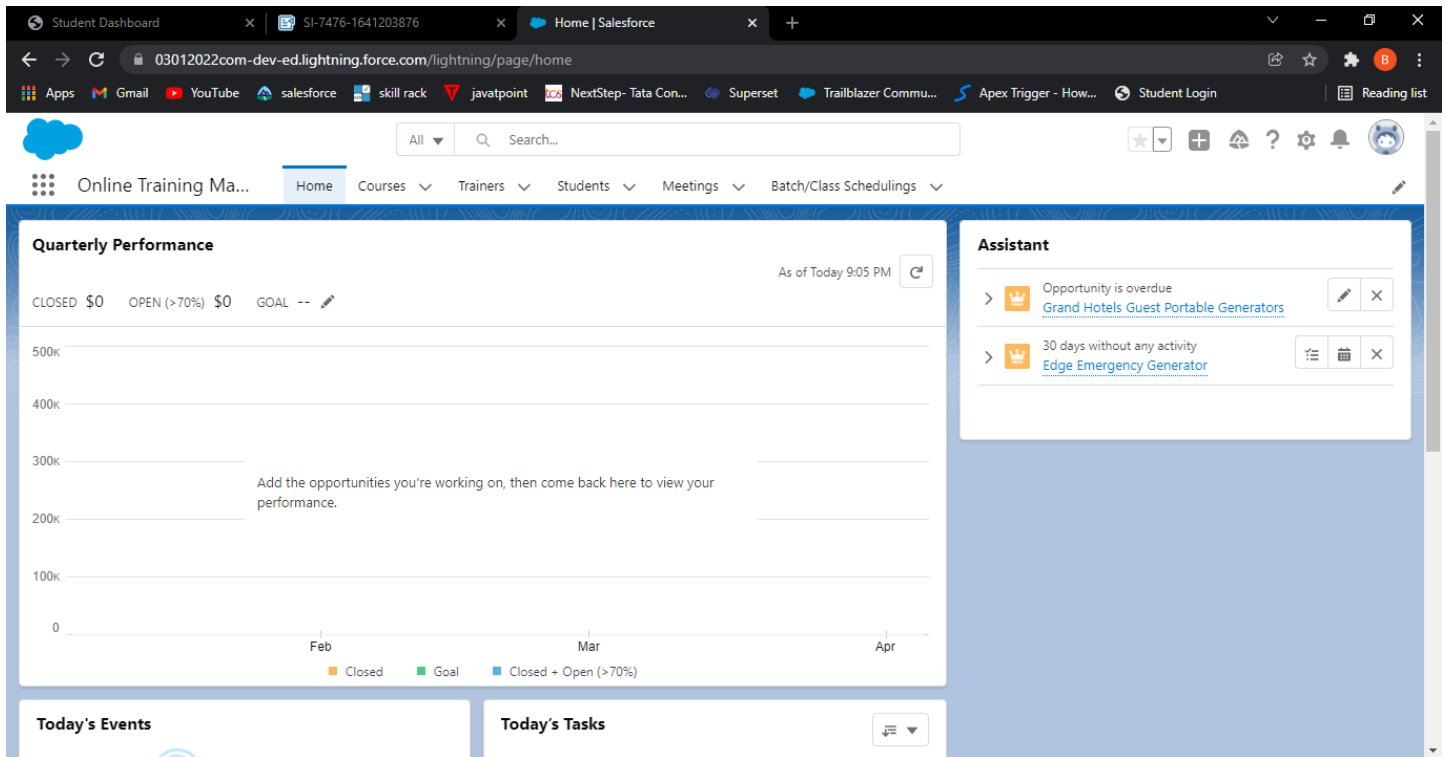
Fields-----> Name, ID, Whatsapp Number, Phone Number, Age,DateofBirth,Experience,URL etc..

Objects in the salesforce is represented as tabs for storing the information in the form of database

Fields are the different collection of information that will be stored on the respective object

Screenshots:

Custom Objects of online training management application



## Course Object and its field

The screenshot shows the Salesforce Setup page for the 'Course' object. The left sidebar contains a navigation menu with options like '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 is titled 'Fields & Relationships' and displays a table of fields for the 'Course' object.

Field Name	Field Label	Field Type	Field Properties
Course Category	Course_Category__c	Picklist	
Course Description	Course_Description__c	Long Text Area(32768)	
Course Duration	Course_Duration__c	Picklist	
Course Fees	Course_Fees__c	Currency(18, 0)	
Course ID	Course_ID__c	Auto Number	
Course Name	Name	Text(80)	✓
Course Trainer	Course_Trainer__c	Master-Detail(Trainer)	✓

## Trainer Object and its Field

Student Dashboard x SI-7476-1641203876 x Trainer | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgbX/FieldsAndRelationships/view

Apps Gmail YouTube salesforce skill rack javatpoint NextStep- Tata Con... Superset Trailblazer Commu... Apex Trigger - How... Student Login Reading list

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER  
Trainer

Details

**Fields & Relationships**  
13 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Age	Age__c	Formula (Number)		
Created By	CreatedById	Lookup(User)		
DateofBirth	DateofBirth__c	Date		
Email	Email__c	Email		
Experience	Experience__c	Picklist		
Expertise	Expertise__c	Text Area(255)		
Full Name	Name	Text(80)		✓

Student Dashboard x SI-7476-1641203876 x Trainer | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgbX/FieldsAndRelationships/view

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Setup Home Object Manager

SETUP > OBJECT MANAGER  
Trainer

Details

**Fields & Relationships**  
13 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

Full Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
LinkedIn Profile	LinkedIn_Profile__c	URL(255)		
Owner	OwnerId	Lookup(User,Group)		✓
PhoneNumber	PhoneNumber__c	Phone		
Trainer ID	Trainer_ID__c	Auto Number		
Whatsapp Number	Whatsapp_Number__c	Phone		

Student Object and its field



Student Dashboard | SI-7476-1641203876 | Student | Salesforce | Post Attendee - Zoom

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgcG/FieldsAndRelationships/view

Search Setup

Setup > OBJECT MANAGER

Student

Details

**Fields & Relationships**

11 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)		
Date Of Birth	Date_Of_Birth__c	Date		
Email	Email__c	Email		
Enrollment Date	Enrollment_Date__c	Formula (Date)		
First Name	First_Name__c	Text(16)		
Last Modified By	LastModifiedById	Lookup(User)		
Last Name	Last_Name__c	Text(10)		

Student Dashboard | SI-7476-1641203876 | Student | Salesforce | Post Attendee - Zoom

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgcG/FieldsAndRelationships/view

Search Setup

Setup > OBJECT MANAGER

Student

Details

**Fields & Relationships**

11 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

First Name	First_Name__c	Text(16)		
Last Modified By	LastModifiedById	Lookup(User)		
Last Name	Last_Name__c	Text(10)		
PhoneNumber	PhoneNumber__c	Phone		
Student Enrollment	Student_Enrollment__c	Master-Detail(Batch/Class Scheduling)		✓
Student ID	Name	Auto Number		✓
Whatsapp Number	Whatsapp_Number__c	Phone		

Meeting Object and its Field

Student Dashboard x SI-7476-1641203876 x Meeting | Salesforce x Post Attendee - Zoom x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgdO/FieldsAndRelationships/view

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Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

### Meeting

Details

**Fields & Relationships**  
8 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

Active	Active__c	Checkbox
Created By	CreatedById	Lookup(User)
Last Modified By	LastModifiedById	Lookup(User)
Meeting ID	Name	Auto Number ✓
Meeting Link	Meeting_Link__c	URL(255)
Owner	OwnerId	Lookup(User,Group) ✓
Valid From	Valid_From__c	Date
Valid To	Valid_To__c	Date

## Batch/Class scheduling

Student Dashboard x SI-7476-1641203876 x Batch/Class Scheduling | Salesforce x Post Attendee - Zoom x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NfOu/FieldsAndRelationships/view

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Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

### Batch/Class Scheduling

Details

**Fields & Relationships**  
14 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Batch ID	Batch_ID__c	Auto Number		
Batch Type	Batch_Type__c	Picklist		
Batch/Class Scheduling Name	Name	Text(80)	✓	
Course ID	Course_ID__c	Lookup(Course)		✓
Created By	CreatedById	Lookup(User)		
End Date	End_Date__c	Date		
Enrolled Details	Enrolled_Details__c	Formula (Text)		

Student Dashboard | SI-7476-1641203876 | Batch/Class Scheduling | Salesforce | Post Attendee - Zoom

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NfOu/FieldsAndRelationships/view

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Search Setup

Setup | Home | Object Manager

SETUP > OBJECT MANAGER

**Batch/Class Scheduling**

Details

**Fields & Relationships**

14 Items, Sorted by Field Label

Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

Field Name	Field Label	Field Type
Last Modified By	LastModifiedById	Lookup(User)
Meeting ID	Meeting_ID__c	Lookup(Meeting) ✓
Number Of Students	Number_Of_Students__c	Roll-Up Summary (COUNT Student)
Owner	OwnerId	Lookup(User,Group) ✓
Start Date	Start_Date__c	Date
Status	Status__c	Picklist
Trainer ID	Trainer_ID__c	Lookup(Trainer) ✓

Day 3:

Topic: Validation rules and Relationships

Milestone/Activites: Creating Validation rules for custom objects and Building relationships between them using schema builder

Detailed description: In this session I learnt about Validation rule how it works and what is the purpose etc A validation rule is like a formula or an expression where the condition returns true or false based on the criteria or rule for example if due date is approaching in 2 days it should send an email alert to the receipient Also there will be an error message, we can write the error message as per the requirement so it will be triggered once the condition become true

#### 1. Validation rule on course field

- Course Fees Cannot be Negative
- Course Fees Should Be Less than 3000\$

Student Dashboard x SI-7476-1641203876 x Course | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NeOI/ValidationRules/03d5j000000gfSDAAY/view

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Course

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Page Layouts  
Lightning Record Pages  
Buttons, Links, and Actions  
Compact Layouts  
Field Sets  
Object Limits  
Record Types  
Related Lookup Filters

### Course Validation Rule

[Back to Course](#)

Validation Rule Detail [Edit](#) [Clone](#)

Rule Name	Course_Fee	Active	<input checked="" type="checkbox"/>
Error Condition Formula	Course_Fees__c<0	Error Location	Top of Page
Error Message	Course fee should not be less than 0		
Description			
Created By	BAANUMIRA J. 1/4/2022, 8:53 PM	Modified By	BAANUMIRA J. 1/4/2022, 8:53 PM

[Edit](#) [Clone](#)

Student Dashboard x SI-7476-1641203876 x Course | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NeOI/ValidationRules/03d5j000000gfSNAAY/view

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Page Layouts  
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Buttons, Links, and Actions  
Compact Layouts  
Field Sets  
Object Limits  
Record Types  
Related Lookup Filters

### Course Validation Rule

[Back to Course](#)

Validation Rule Detail [Edit](#) [Clone](#)

Rule Name	Course_Fee_limitation	Active	<input checked="" type="checkbox"/>
Error Condition Formula	Course_Fees__c>=3000	Error Location	Top of Page
Error Message	course fee should be greater than or equal to 3000		
Description			
Created By	BAANUMIRA J. 1/4/2022, 8:55 PM	Modified By	BAANUMIRA J. 1/4/2022, 8:55 PM

[Edit](#) [Clone](#)

## 2. Validation rule on Trainer Object

- Age Should Not Be Less than 25 years
- Phone Number and Whatsapp Number should accept minimum 10 digits and maximum 15 digits

Student Dashboard x SI-7476-1641203876 x Trainer | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgbX/ValidationRules/03d5j000000gffS/view

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Search Setup

Setup Home Object Manager

Trainer

### Trainer Validation Rule

[Back to Trainer](#)

Validation Rule Detail

Rule Name	Trainer_age	Active	✓
Error Condition Formula	Age__c<25		
Error Message	Age should be less than 25	Error Location	Top of Page
Description			
Created By	BAANUMIRA J. 1/5/2022, 1:58 AM	Modified By	BAANUMIRA J. 1/9/2022, 4:02 AM

Edit Clone

Student Dashboard x SI-7476-1641203876 x Trainer | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgbX/ValidationRules/03d5j000000gfgL/view

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Search Setup

Setup Home Object Manager

Trainer

### Trainer Validation Rule

[Back to Trainer](#)

Validation Rule Detail

Rule Name	Trainer_whatsapp_and_phone_number	Active	✓
Error Condition Formula	NOT(REGEX(PhoneNumber__c, "[0-9]{10,15}"))&&NOT(REGEX(Whatsapp_Number__c, "[0-9]{10,15}"))		
Error Message	Phone Number and Whatsapp Number should accept minimum 10 digits and maximum 15 digits	Error Location	Top of Page
Description			
Created By	BAANUMIRA J. 1/5/2022, 2:25 AM	Modified By	BAANUMIRA J. 1/9/2022, 4:03 AM

Edit Clone

### 3. validation rule on student object

- ▶ Lastname should not be Blank
- ▶ Minimum 16 years of age
- ▶ Phone and whatsappNumber should be minimum 10 digits

Student Dashboard x SI-7476-1641203876 x Student | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgcG/ValidationRules/03d5j000000ghdbAAA/view

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Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER Student

### Student Validation Rule

[Back to Student](#)

Validation Rule Detail

Rule Name	Student_Age_limit	Active	✓
Error Condition Formula	Age__c<16	Error Location	Top of Page
Error Message	Student should be minimum 16 years old		
Description			
Created By	BAANUMIRA J. 1/9/2022, 2:37 AM	Modified By	BAANUMIRA J. 1/9/2022, 2:37 AM

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Student Dashboard x SI-7476-1641203876 x Student | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgcG/ValidationRules/03d5j000000ggqOAAQ/view

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### Student Validation Rule

[Back to Student](#)

Validation Rule Detail

Rule Name	Student_whatsapp_and_phone_number	Active	✓
Error Condition Formula	NOT(REGEX(PhoneNumber__c, "[0-9]{10,15}"))&&NOT(REGEX(Whatsapp_Number__c, "[0-9]{10,15}"))	Error Location	Top of Page
Error Message	Phone and whatsapp Number should be minimum 10 digits		
Description			
Created By	BAANUMIRA J. 1/6/2022, 10:19 PM	Modified By	BAANUMIRA J. 1/6/2022, 10:19 PM

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Student Dashboard x SI-7476-1641203876 x Student | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgcG/ValidationRules/03d5j000000gfeo/view

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### Student Validation Rule

[Back to Student](#)

Validation Rule Detail

Rule Name	Student_last_name	Active	✓
Error Condition Formula	ISBLANK(Last_Name__c)		
Error Message	Last name should not be blank	Error Location	Top of Page
Description			
Created By	BAANUMIRA J. 1/5/2022, 1:34 AM	Modified By	BAANUMIRA J. 1/9/2022, 4:03 AM

Edit Clone

#### 4.Validation rule on Meeting objects

- Valid From should not be less than current date
- ValidTo Cannot be less than Valid from
- Minimum 14 days difference should be in between valid from and valid to

Student Dashboard x SI-7476-1641203876 x Meeting | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j000000NgdO/ValidationRules/03d5j000000gfgkAAA/view

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Compact Layouts  
Field Sets  
Object Limits  
Record Types  
Related Lookup Filters  
Search Layouts

### Meeting Validation Rule

[Back to Meeting](#)

Validation Rule Detail

Rule Name	Meeting_details	Active	✓
Error Condition Formula	Valid_From__c < TODAY()		
Error Message	Valid From should not be less than current date	Error Location	Top of Page
Description			
Created By	BAANUMIRA J. 1/5/2022, 2:31 AM	Modified By	BAANUMIRA J. 1/5/2022, 2:31 AM

Edit Clone

The screenshot shows the Salesforce Setup interface for a Meeting Validation Rule. The left sidebar contains a navigation menu with options like 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 is titled 'Meeting Validation Rule' and includes a 'Back to Meeting' link. Below this, the 'Validation Rule Detail' section shows the following information:

Rule Name	Meeting_date_details	Active	<input checked="" type="checkbox"/>
Error Condition Formula	Valid_To__c < Valid_From__c	Error Location	Top of Page
Error Message	ValidTo Cannot be less than Valid from		
Description			
Created By	BAANUMIRA J. 1/5/2022, 2:33 AM	Modified By	BAANUMIRA J. 1/5/2022, 2:33 AM

There are 'Edit' and 'Clone' buttons for the rule details.

The screenshot shows the Salesforce Setup interface for a Meeting Validation Rule. The left sidebar contains a navigation menu with options like 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 is titled 'Meeting Validation Rule' and includes a 'Back to Meeting' link. Below this, the 'Validation Rule Detail' section shows the following information:

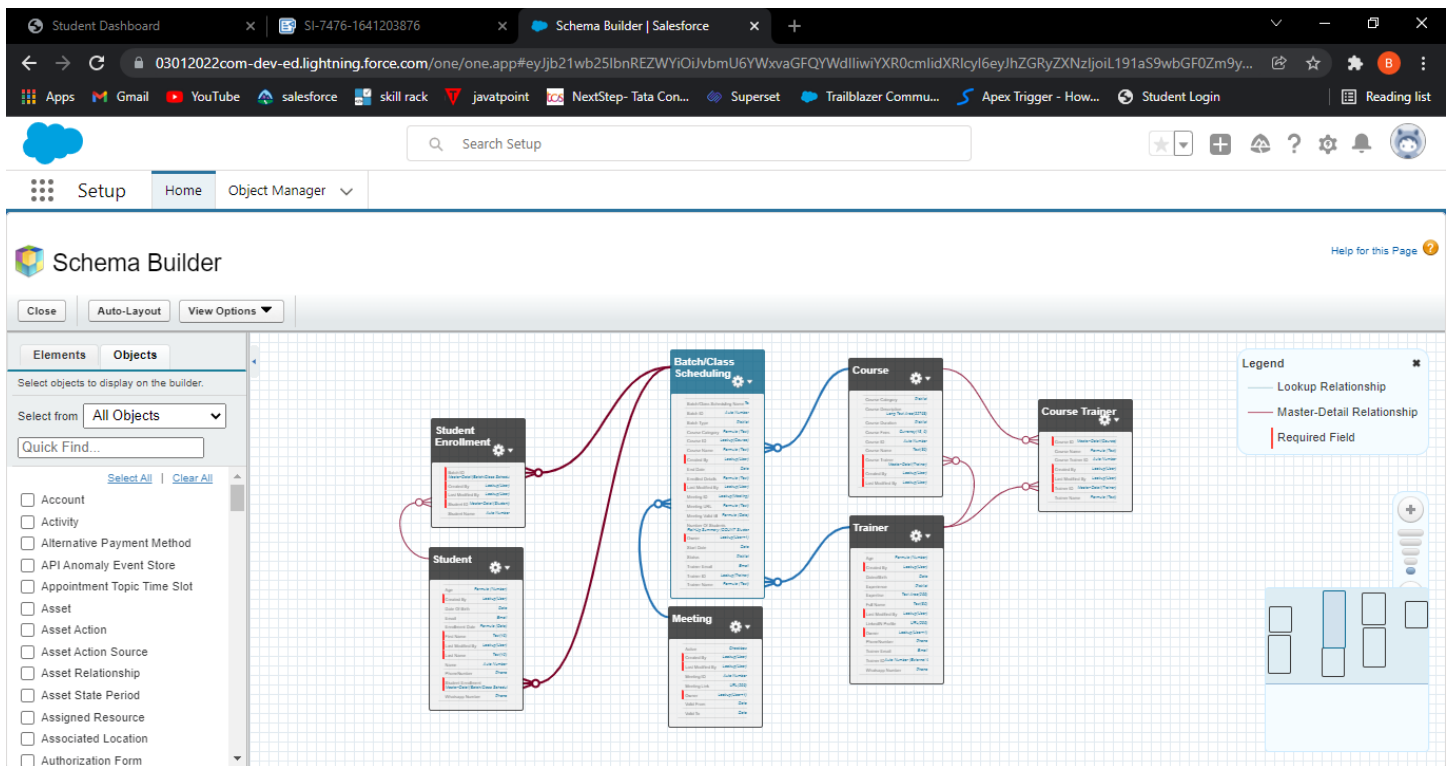
Rule Name	Meeting_vallid_to_valid_from	Active	<input checked="" type="checkbox"/>
Error Condition Formula	Valid_To__c - Valid_From__c < 14	Error Location	Top of Page
Error Message	Minimum 14 days difference should be in between valid from and valid to		
Description			
Created By	BAANUMIRA J. 1/5/2022, 2:34 AM	Modified By	BAANUMIRA J. 1/5/2022, 2:34 AM

There are 'Edit' and 'Clone' buttons for the rule details.

Relationship between two objects established by using lookup or master-detail relationship  
 Course object and trainer object has an junction object Course-Trainee object  
 Student object and Batch scheduling object has an junction object Student-Enrollment object

I have created the master detail relationship using two methods one by creating object directly and the next method by using Schema builder





Day 4:

Topic: Create Process automation

Milestone/Activites: Creating work flow rule on meeting object and batch object

Detailed Description: The session is all about Process automation . It is used to construct a process or work flow in easy manner there are four types in it

- 1.Approval process
- 2.Process builder
- 3.Flows
- 4.Work flow

create work flow rule 1 day after valid to date the active check box will uncheck automatically and inform owner

create work flow rule 1 day before valid to date send a reminder email to owner

create work flow rule 2 days before valid to date send a reminder email to owner

Post Attendee - ZoomStudent DashboardWorkflow Rules | SalesforceSI-7476-1641203876

03012022com-dev-ed.lightning.force.com/lightning/setup/WorkflowRules/home

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Email Alerts

Field Updates

Outbound Messages

Send Actions

Tasks

Workflow Rules

Environments

Monitoring

Time-Based Workflow

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SETUP

Workflow Rules

All Workflow Rules

Help for this Page

Configure your organization's workflow by creating workflow rules. Each workflow rule consists of:

- Criteria that cause the workflow rule to run.
- Immediate actions that execute when a record matches the criteria. For example, Salesforce can automatically send an email that notifies the account team when a new high-value opportunity is created.
- Time-dependent actions that queue when a record matches the criteria, and execute according to time triggers. For example, Salesforce can automatically send an email reminder to the account team if a high-value opportunity is still open ten days before the close date.

View: All Workflow RulesCreate New View

New Rule

Action	Rule Name	Description	Object	Active
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	Active checkbox will uncheck automatically		Meeting	<input checked="" type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	Email reminder 2 days before valid date		Meeting	<input checked="" type="checkbox"/>
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Deactivate</a>	Reminder email before 1 day		Meeting	<input checked="" type="checkbox"/>

Quick Tips

- [Useful Sample Workflow Rules](#)
- [Video Tutorial \(English Only\)](#)
- [Troubleshooting Workflow](#)

Post Attendee - ZoomStudent DashboardEmail Alerts | SalesforceSI-7476-1641203876

03012022com-dev-ed.lightning.force.com/lightning/setup/WorkflowEmails/home

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email al

Process Automation

Workflow Actions

Email Alerts

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SETUP

Email Alerts

All Email Alerts

Help for this Page

Email alerts are the emails that workflow rules send when triggered.

View: All Email AlertsCreate New View

New Email Alert

Action	Description	Email Template Name	Object	Last Modified Date
<a href="#">Edit</a>   <a href="#">Del</a>	Email alert to course record owner	New Course confirmation email template	Course	1/8/2022
<a href="#">Edit</a>   <a href="#">Del</a>	Meeting expiry date email alert template	Meeting end date reminder email template	Meeting	1/8/2022
<a href="#">Edit</a>   <a href="#">Del</a>	Reminder email before 2 days of valid to date	Reminder email before 2 days of valid to date	Meeting	1/9/2022
<a href="#">Edit</a>   <a href="#">Del</a>	Reminder email one day before	Reminder email before 1 day	Meeting	1/9/2022
<a href="#">Edit</a>   <a href="#">Del</a>	Training confirmation email alert	Trainer confirmation email	Batch/Class Scheduling	1/9/2022

Day 5:

Topic: Create VisualForce page for Course Object

Milestone/Activites: Creating Custom Pages using Visualforce on the Course object of Online Training Management VF application

Detailed Description: The first requirement is to create a new application to display our tabs by using visual force pages I have created the application Online Trainig Management VF by using Lightning Experience App Manager for displaying the visual force created tabs . After that I have used the visual force page to customize my Course tab with my code. I've customized to land a new web page with thank you message once after the user clicked on the save record

The screenshot displays the Salesforce Lightning App Builder interface. The top navigation bar includes 'Lightning App Builder', 'App Settings', 'Pages', and 'Online training management VF'. The left sidebar shows 'App Settings' with a sub-menu 'App Details & Branding'. The main content area is titled 'App Details & Branding' and contains the following sections:

- App Details**:
  - \* App Name**: A text field containing 'Online training management VF'.
  - \* Developer Name**: A text field containing 'Online\_training\_management\_VF'.
  - Description**: A text area with the placeholder 'Enter a description...'.
- App Branding**:
  - Image**: A preview of the 'Smart Internz' logo with a 'Clear' button below it.
  - Primary Color Hex Value**: A dropdown menu showing a blue color and a text field containing '#4740AE'.
  - Org Theme Options**: A checkbox labeled 'Use the app's image and color instead of the org's custom theme', which is currently unchecked.
- App Launcher Preview**: A preview of the app launcher showing the 'Smart Internz' logo and the text 'Online training manageme...'.

Student Dashboard x Course | Salesforce x Visualforce Pages | Salesforce x Page Editor - Course x SI-7476-1641203876 x +

03012022com-dev-ed.lightning.force.com/lightning/n/New\_course

Apps Gmail YouTube salesforce skill rack javatpoint NextStep- Tata Con... Superset Trailblazer Commu... Apex Trigger - How... Student Login Reading list

Smart Interface

All Search...

Online training man... Home New course Trainer Registration Student Enrollment Meeting Batch Scheduling

### New Course

Course Name *	<input type="text" value="Python"/>	Course Category	<input type="text" value="Data science"/>
Course Fees *	<input type="text" value="200"/>	Course Duration	<input type="text" value="3 months"/>
Course Description	<input type="text"/>		

Save Record

Student Dashboard x Coursethankyou | Salesforce x Visualforce Pages | Salesforce x Page Editor - Course x SI-7476-1641203876 x +

03012022com-dev-ed.lightning.force.com/one/one.app#eyJjb21wb25lbnREZWYiOiUvbWU6YWxvaGFQYWdlliwiYXR0cmliZXRIcyI6eyJhZGRyZXNzJjoiaHR0cHM6Ly8wMzAx...

Apps Gmail YouTube salesforce skill rack javatpoint NextStep- Tata Con... Superset Trailblazer Commu... Apex Trigger - How... Student Login Reading list

Smart Interface

All Search...

Online training man... Home New course Trainer Registration Student Enrollment Meeting Batch Scheduling

### Congratulations your Record submitted successfully in our Database

Day 6:

Topic: Create VisualForce page for Trainer Object

Milestone/Activites: Creating Custom Pages using Visualforce on the Trainer object of Online Training Management VF application

Detailed Description: By using Visual force pages I have customized trainer registration page on Online Training management VF application

. Here the requirement is to create a form to fill out the trainer details for registration and the record should be inserted successfully

Student Dashboard | trainer | Salesforce | Visualforce Pages | Salesforce | SI-7476-1641203876

03012022com-dev-ed.lightning.force.com/lightning/n/Trainer\_Registration

Apps | Gmail | YouTube | salesforce | skill rack | javatpoint | NextStep- Tata Con... | Superset | Trailblazer Commu... | Apex Trigger - How... | Student Login | Reading list

Online training man... | Home | New course | **Trainer Registration** | Student Enrollment | Meeting | Batch Scheduling

### New Trainer

Full Name \*

Trainer Email \*

PhoneNumber \*

Whatsapp Number

DateofBirth \*  [ 1/17/2022 ]

Experience \*

LinkedIN Profile

Expertise

Age

[Save](#)

Student Dashboard | trainer | Salesforce | Visualforce Pages | Salesforce | SI-7476-1641203876

03012022com-dev-ed.lightning.force.com/lightning/n/Trainer\_Registration

Apps | Gmail | YouTube | salesforce | skill rack | javatpoint | NextStep- Tata Con... | Superset | Trailblazer Commu... | Apex Trigger - How... | Student Login | Reading list

Online training man... | Home | New course | **Trainer Registration** | Student Enrollment | Meeting | Batch Scheduling

### New Trainer

✓ **Success:**  
Record Inserted Successfully

Full Name \*

Trainer Email \*

PhoneNumber \*

Whatsapp Number

DateofBirth \*  [ 1/17/2022 ]

Experience \*

LinkedIN Profile

Expertise

Age

[Save](#)

Day 7:

Topic: Create VisualForce page for Student Object

Milestone/Activites: Creating Custom Pages using Visualforce on the Student object of Online Training Management VF application with the help of standard Controller

Detailed Description: By using Visual force pages I have customized Student Enrollment page on Online Training management VF application

. Here the requirement is to create a form to fill out the Student details for registration and the record should be inserted successfully to the database

The screenshot shows a web browser window displaying a Salesforce Visualforce page. The browser's address bar shows the URL: 03012022com-dev-ed.lightning.force.com/lightning/n/Student\_Enrollment. The page has a navigation bar with links: Online training man..., Home, New course, Trainer Registration, Student Enrollment (active), Meeting, and Batch Scheduling. The main content area is titled 'New Student' and contains a form with the following fields and values:

Field	Value
First Name	Alex
Last Name	Standal
Email	alexstandal3@gmail.com
Date Of Birth	1/4/1995 [ 1/17/2022 ]
PhoneNumber	(976) 542-8914
Whatsapp Number	(976) 372-4598

A 'Save' button is located at the bottom right of the form.

Day 8:

Topic: Create VisualForce page for Meeting Object

Milestone/Activites: Creating Custom Pages using Visualforce on the Meeting object of Online Training Management VF application with the help of standard Controller

Detailed Description: The requirement is to create a new meeting on Online Training Management App For this I have used the standard controller to save the new records on the database and customized the form with valid from , valid to, active checkbox and meeting link. when user creates new meeting record the meeting link will be active between valid from to valid to dates

Student Dashboard x SI-7476-1641203876 x Meeting\_c | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/n/Meeting

Apps Gmail YouTube salesforce skill rack javatpoint NextStep- Tata Con... Superset Trailblazer Commu... Apex Trigger - How... Student Login Reading list

Smart Internz All Search...

Online training man... Home New course Trainer Registration Student Enrollment Meeting Batch Scheduling

### New Meeting

Valid From 1/17/2022 [ 1/17/2022 ] Valid To 2/1/2022 [ 1/17/2022 ]

Meeting Link https://smartinternz.com/Student/guided\_proje Active ☒

Save

Student Dashboard x SI-7476-1641203876 x M-0004 | Salesforce x +

03012022com-dev-ed.lightning.force.com/lightning/r/Meeting\_\_c/a095j000000PLktAAG/view

Apps Gmail YouTube salesforce skill rack javatpoint NextStep- Tata Con... Superset Trailblazer Commu... Apex Trigger - How... Student Login Reading list

Smart Internz All Search...

Online training man... Home New course Trainer Registration Student Enrollment Meeting Batch Scheduling \* M-0004 X

### Meeting M-0004

New Contact Edit New Opportunity

Related Details

Meeting ID	M-0004	Owner	BAANUMIRA J
Valid From	1/17/2022		
Valid To	2/1/2022		
Active	<input checked="" type="checkbox"/>		
Meeting Link	<a href="https://smartinternz.com/Student/guided_project_workspace/7476">https://smartinternz.com/Student/guided_project_workspace/7476</a>		
Created By	BAANUMIRA J, 1/17/2022, 7:03 PM		
	Last Modified By BAANUMIRA J, 1/17/2022, 7:03 PM		

Day 9:

Topic: Create VisualForce page for Batch Object

Milestone/Activites: Creating Custom Pages using Visualforce on the Batch object of Online Training Management VF application with the help of standard Controller

Detailed Description: Customizing the batch details using visual force standard controller, where we can track the status of the batch also the start date end date and so on. When a user creates a new batch details on the online training managementVF app the record stores in the database once the user hits the save button

The screenshot shows the 'New Batch' form in the Salesforce Lightning interface. The form is titled 'New Batch' and contains several input fields for creating a new batch record. The fields are arranged in two columns. The left column includes 'Batch Type' (a dropdown menu set to 'Weekend'), 'End Date' (a date field set to '2/1/2022'), 'Meeting ID' (a text field with 'M-0004'), and 'Status' (a dropdown menu set to 'Scheduled'). The right column includes 'Start Date' (a date field set to '1/17/2022'), 'Course ID' (a text field with 'Python'), and 'Trainer ID' (a text field with 'Peter'). A 'Save' button is located at the bottom right of the form. The background shows the Salesforce navigation bar with tabs for 'Online training man...', 'Home', 'New course', 'Trainer Registration', 'Student Enrollment', 'Meeting', and 'Batch Scheduling'.

Field	Value
Batch Type	Weekend
Start Date	1/17/2022
End Date	2/1/2022
Meeting ID	M-0004
Course ID	Python
Trainer ID	Peter
Status	Scheduled

The screenshot shows the 'Batch/Class Scheduling' record details in the Salesforce Lightning interface. The record is titled 'Batch/Class Scheduling' and has the ID 'a055j000000k7KC'. The record is owned by 'BAANUMIRA J'. The record details are displayed in a table format. The table has two columns: 'Field' and 'Value'. The fields include 'Batch/Class Scheduling Name', 'Batch ID', 'Batch Type', 'Start Date', 'End Date', 'Status', 'Enrolled Details', and 'Number Of Students'. The values are 'a055j000000k7KC', 'B-0010', 'Weekend', '1/17/2022', '2/1/2022', 'Scheduled', 'PythonPeterM-0004', and an empty field respectively. The background shows the Salesforce navigation bar with tabs for 'Online training man...', 'Home', 'New course', 'Trainer Registration', 'Student Enrollment', 'Meeting', and 'Batch Scheduling'.

Field	Value
Batch/Class Scheduling Name	a055j000000k7KC
Batch ID	B-0010
Batch Type	Weekend
Start Date	1/17/2022
End Date	2/1/2022
Status	Scheduled
Enrolled Details	PythonPeterM-0004
Number Of Students	

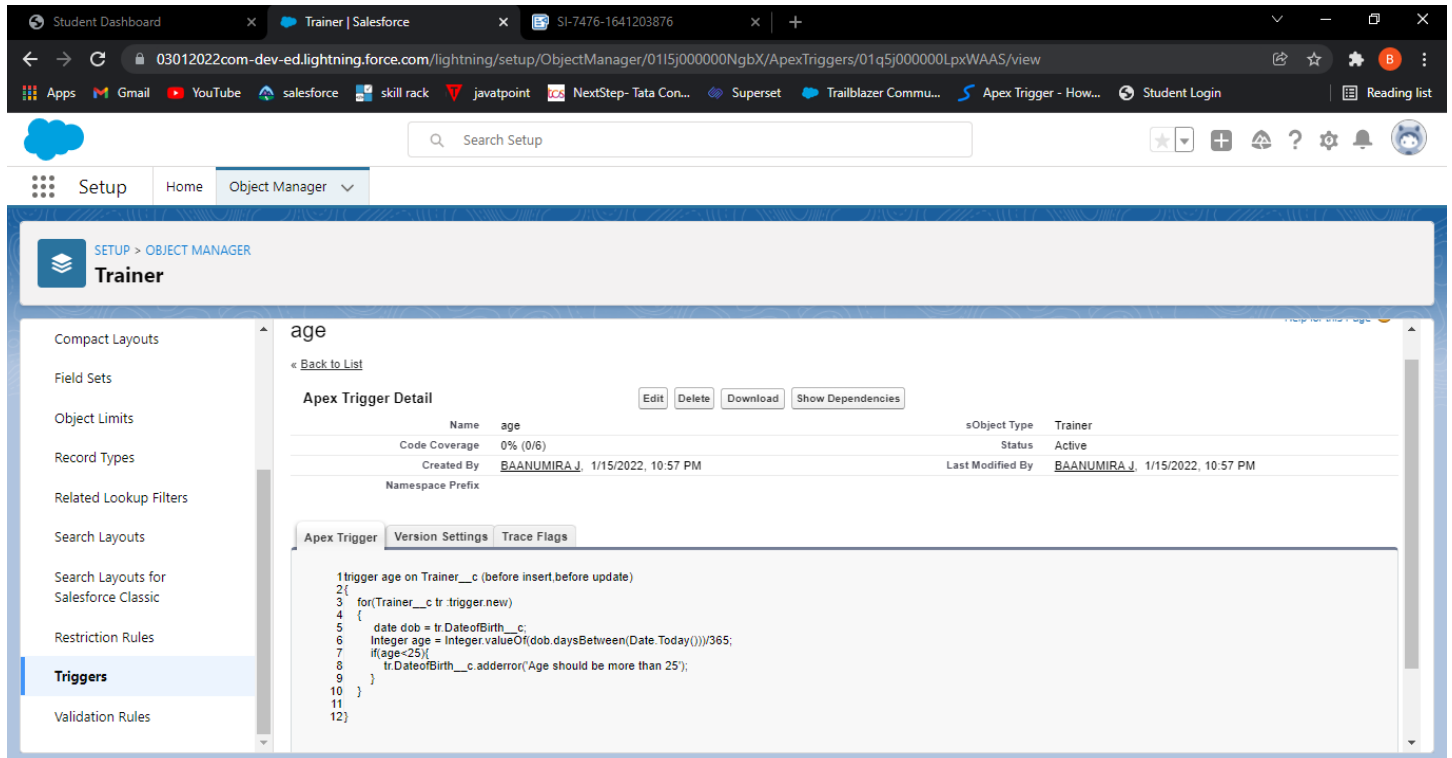


Day 10:

Topic: Trigger on trainer Object

Milestone/Activites: Create a trigger on trainer object before or after an action invoked

Detailed Description: Trigger is an apex script which is used to enforce an action whenever the event triggered In this session I learnt the DML functions such as insert, update, delete etc. Here the requirement is for before insert and before update to date of birth condition is if age is greater than 25 it should activate an error message



The screenshot shows the Salesforce Object Manager interface for the 'Trainer' object. The 'Apex Trigger Detail' section displays the following information:

Name	age	sObject Type	Trainer
Code Coverage	0% (0/6)	Status	Active
Created By	BAANUMIRA J.	1/15/2022, 10:57 PM	Last Modified By
BAANUMIRA J. 1/15/2022, 10:57 PM			

The 'Apex Trigger' tab is selected, showing the following code:

```
1 trigger age on Trainer__c (before insert, before update)
2 {
3     for(Trainer__c tr : trigger.new)
4     {
5         date dob = tr.DateOfBirth__c;
6         Integer age = Integer.valueOf(dob.daysBetween(Date.Today()))/365;
7         if(age < 25){
8             tr.DateOfBirth__c.adderror('Age should be more than 25');
9         }
10    }
11 }
12 }
```

Day 11:

Topic: Trigger on StudentObject

Milestone/Activites: Create a trigger on Student object before or after an action invoked

Detailed Description: Here the requirement is before insert an record the student age should be checked for storing that record to the database .The condition is if age less than 25 the trigger invoked to display an error message that the age should be more than 16

The screenshot shows the Salesforce Setup page for the 'Student' object. The left sidebar contains navigation links: Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, Search Layouts for Salesforce Classic, Restriction Rules, **Triggers**, and Validation Rules. The main content area displays the 'Apex Trigger Detail' for the 'ageCheck' trigger. The trigger is active, created by BAANUMIRA.J. on 1/16/2022 at 9:53 PM, and has 0% code coverage. The trigger code is as follows:

```

1 trigger ageCheck on Student__c (before insert)
2 {
3     for(Student__c std :trigger.new)
4     {
5         date dob = std.Date_of_Birth__c;
6         Integer age = Integer.valueOf(dob.daysBetween(Date.Today()))/365;
7         if(age<25){
8             std.Date_of_Birth__c.adderror('Age should be more than 16');
9         }
10    }
11 }
12

```

Topic: Trigger on Meeting Object

Milestone/Activites: Create a trigger on Meeting object before or after an action invoked

Detailed Description: Here the requirement is before insert the conditions are if valid from less than today it should display an error message Valid From Date Should Be Greater Than Today. If valid to less than Valid From it should display an error message Valid To Date Should Be Greater Than Valid From

The screenshot shows the Salesforce Setup page for the 'Meeting' object. The left sidebar contains navigation links: Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, Search Layouts for Salesforce Classic, Restriction Rules, **Triggers**, and Validation Rules. The main content area displays the 'Apex Trigger Detail' for the 'Datecheck' trigger. The trigger is active, created by BAANUMIRA.J. on 1/16/2022 at 9:54 PM, and has 0% code coverage. The trigger code is as follows:

```

1 trigger Datecheck 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
21
22

```

