



SALESFORCE PROJECT READY
Entry level Training & Professional Development Program

Project Title :Online Training Management - Developer

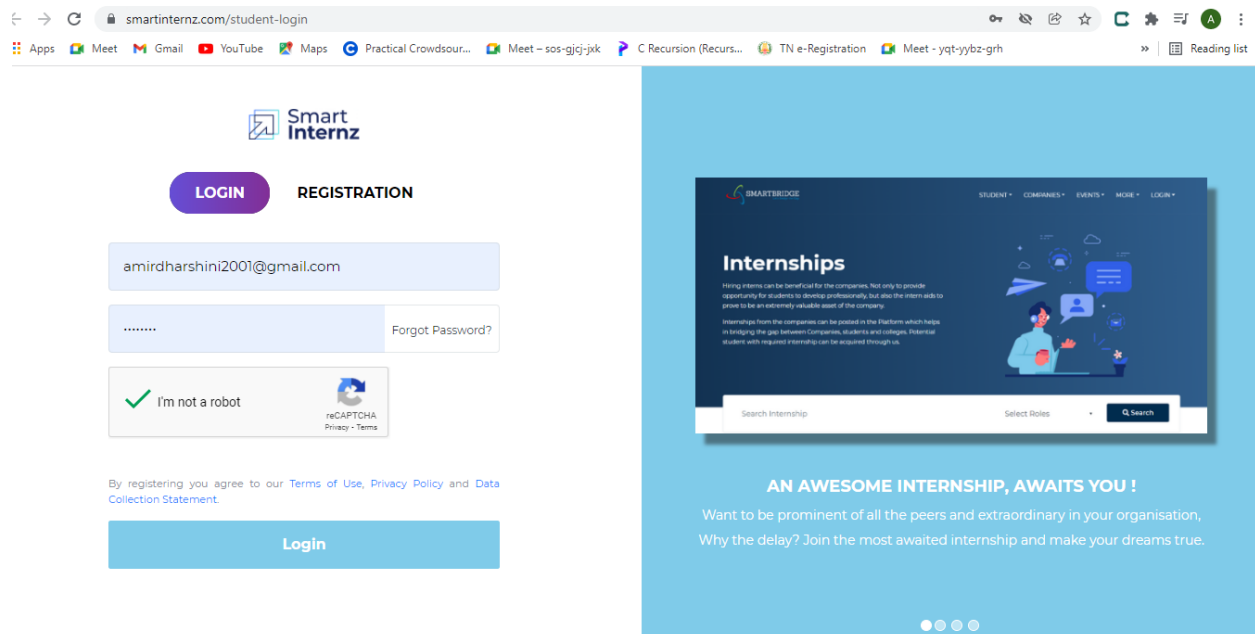
Day 1:

Topic : Introduction to Salesforce Org

Milestone / Activities : To activate our SMARTINTERNZ account , the credentials were received through email

Detailed Description : I have not present in the meeting instead I watched recorded video through that got a glimpse about salesforce platform and some instruction about creating lightning app. so I created my account and created my salesforce account as per instruction given under guided project tab in SMARTINTERNZ.


Screenshot :



Apps Meet Gmail YouTube Maps Practical Crowdsour... Meet - sos-gjic-jjk C Recursion (Recurs... TN e-Registration Meet - yqt-yybz-grh » Reading list

SMARTINTERNZ SETTINGS

Dashboard
Externships
Guided Projects
Challenges
Internships
Projects
Certificates
Transactions



AMIRDHARSHINI R

[Edit](#) [PUBLIC LINK](#)

Last Login : 2022-01-04 11:16:50
Last Profile Update :

SBID : SB20220155702 EMAIL : amirdharshini2001@gmail.com
DOB : August 16, 2001 LANGUAGE KNOWN :
ROCKET CHAT USER NAME : amirdharshini2001@gmail.com
ROCKET CHAT PASSWORD :
FATHER NAME :
ADDRESS :

SKILLS [+ ADD](#)

Salesforce Developer (70%) [✎](#) [✕](#)

salesforce 22 Search... Switch to Lightning Experience Amirdharshini R Setup Help Content

Home Chatter Libraries Content Subscriptions Courses Students Trainers Meetings Batch/Class Scheduling

Create New... Amirdharshini R Tuesday January 4, 2022 Winter '22 for Developers

Recent Items

Images Amirdharshini R

Recycle Bin

Post File New Event More

Share an update, @mention someone... [Share](#)

Sort By Latest Posts

Amirdharshini R changed Phone from a blank value to (979) 100-1478. [Comment](#) [Like](#) Yesterday at 10:45 PM

Recommendations

Download Salesforce
Run your business from your phone with Salesforce. [Skip >](#)

Integration User joined today [Follow](#)

Security User joined today [Follow](#)

Calendar [New Event](#) [Calendar Help](#)

Today 1/4/2022
You have no events scheduled for the next 7 days.

January 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	01
02	03	04	05	06	07	08

Day 2

Topic : Custom object and Fields

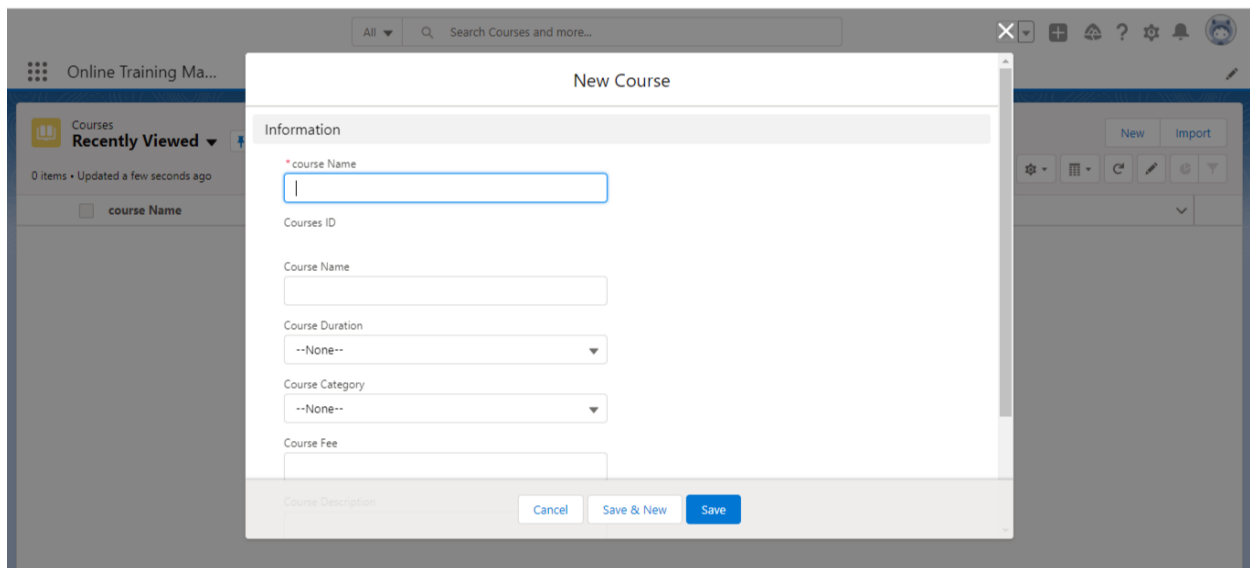
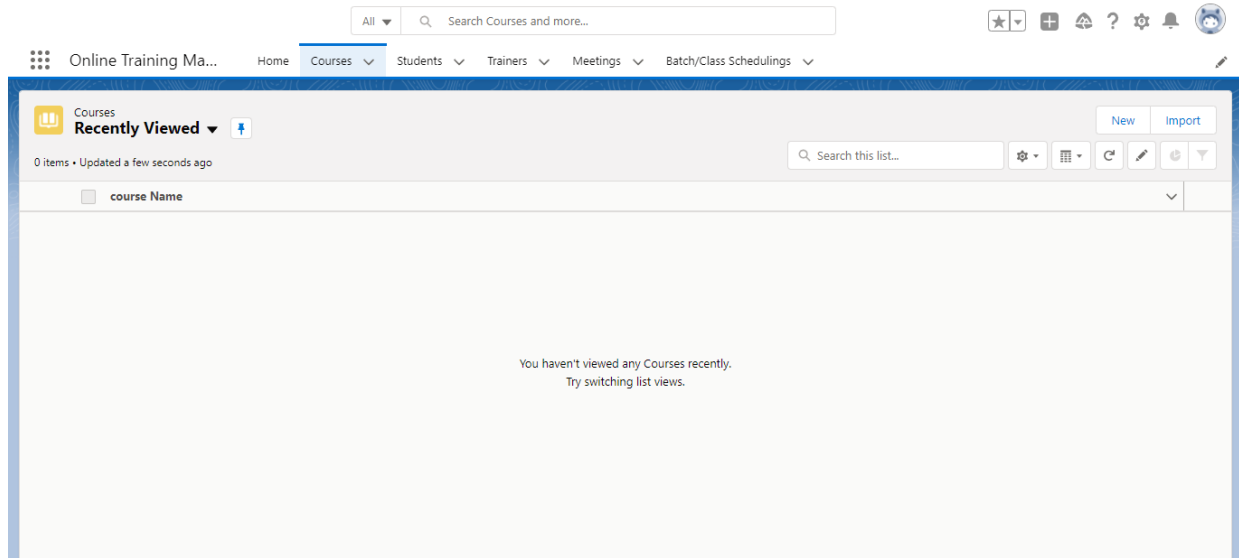
Milestone and Activities : To create a online training management

Detailed Description : to create a online training management to maintain a students record so we need to create a object such as course,trainer, student,meeting and batch scheduling in which each object should contain specified fields such as course name ,trainer id, student name , meeting link etc.,

the object is created by selecting custom object from setup window and fill the required fields .And for fields ,by selecting appropriate object and selecting fields and relationships tab

and clicking new to add specified fields under the object.
and also learnt about schema builder which is easier way to create a object and corresponding fields.

Screenshot:



Online Training Ma...
Courses
Recently Viewed
0 items • Updated a few seconds ago
course Name

Courses ID

Course Name

Course Duration
--None--

Course Category
--None--

Course Fee

Course Description

* Course Trainer
Search Trainers...

Cancel Save & New Save

Online Training Ma...
Students
Recently Viewed
0 items • Updated a few seconds ago
Student Name

New Student

Information

* Student Name

Student ID

* First Name

* Last Name

* Email

* Phone Number

* Date of Birth

Cancel Save & New Save

Online Training Ma...
Students
Recently Viewed
0 items • Updated a few seconds ago
Student Name

* First Name

* Last Name

* Email

* Phone Number

* Date of Birth

* WhatsApp Number

* Student Enrollment
Search Batch/Class Schedulings...

Cancel Save & New Save

Online Training Ma... All

Trainers
Recently Viewed ▼
0 items • Updated a few seconds ago

☐ Trainer Name

New Trainer

Information

*Trainer Name Owner Amirdharshini R

Trainer ID

*Full Name

*Email

*Phone Number

WhatsApp Number

Date of Birth

Online Training Ma... All

Trainers
Recently Viewed ▼
0 items • Updated a few seconds ago

☐ Trainer Name

*Email

*Phone Number

WhatsApp Number

Date of Birth

Experience
--None--

*LinkedIn Profile

*Expertise

Online Training Ma... All

Meetings
Recently Viewed ▼
0 items • Updated a few seconds ago

☐ Meeting Name

New Meeting

Information

*Meeting Name Owner Amirdharshini R

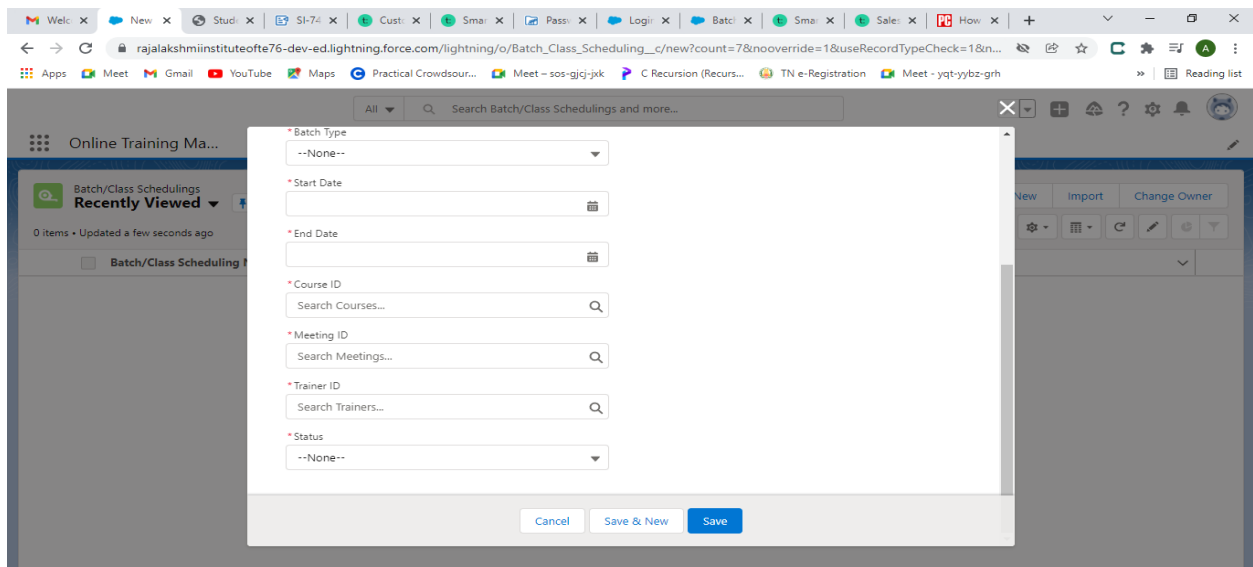
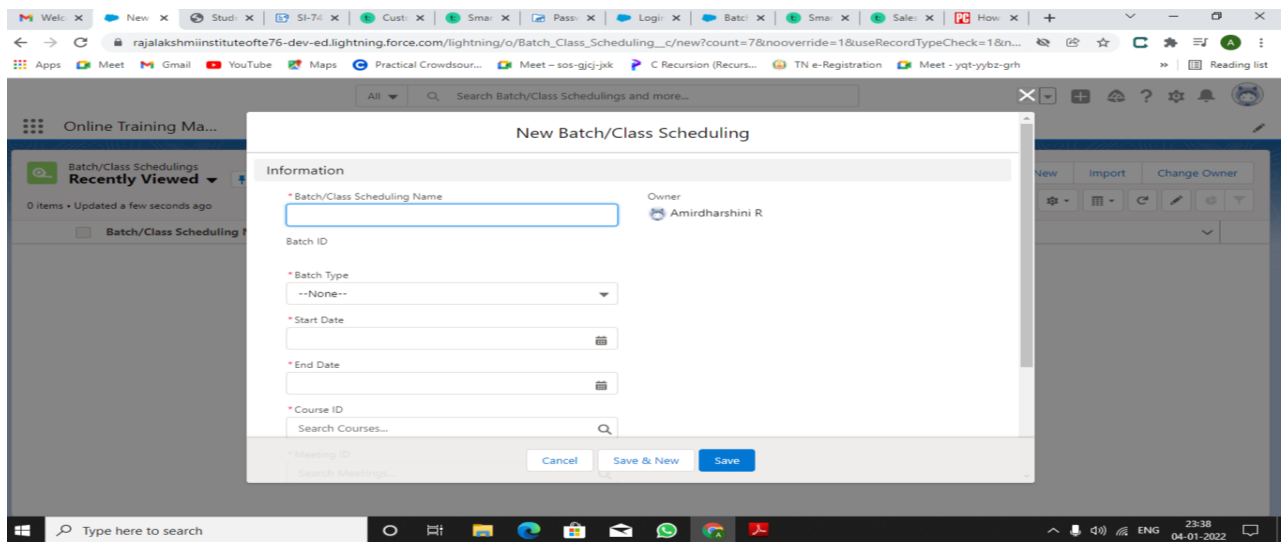
Meeting ID

*Valid From

*Valid To

Active
☐

*Meeting Link



Day 3

Topic : Relationships and validations

Milestones / Activities : to create a junction object to establish relationship between objects

Detailed Description :

Created a junction object , course trainer to have a relationship between course object and trainer object .the course trainer object contains course id field and trainer id field and also learnt about page layout and search layout and modified my online training platform using it

Validation for each object is added as required .

Screenshot:





Setup Home Object Manager



SETUP > OBJECT MANAGER
Course

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

Validation Rules

2 Items, Sorted by Rule Name

New

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
course_fee_amount	Top of Page	Course fee should be less than 3000\$	✓	Amirdharshini R, 1/4/2022, 9:23 PM
course_fee_check	Top of Page	Course Fee cannot be in negative	✓	Amirdharshini R, 1/4/2022, 9:21 PM



Setup Home Object Manager



SETUP > OBJECT MANAGER
Trainer

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

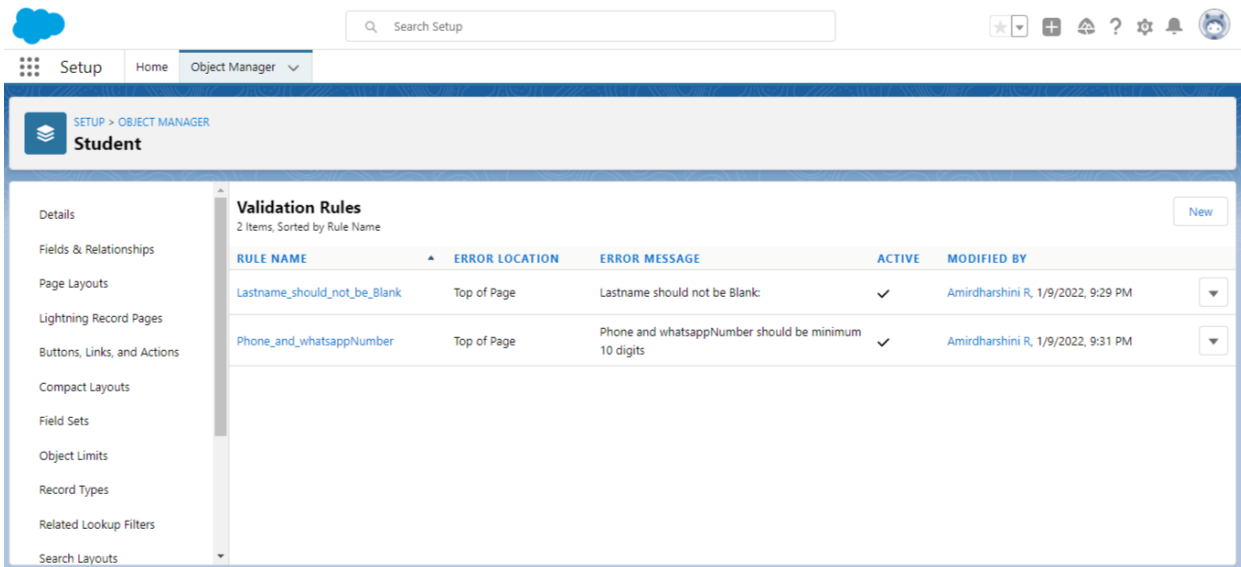
Search Layouts

Validation Rules

5 Items, Sorted by Rule Name

New

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
age_check	Top of Page	Trainer age cannot be less than 25 years	✓	Amirdharshini R, 1/4/2022, 9:44 PM
date_of_birth_required	Top of Page	date of birth should not be left blank	✓	Amirdharshini R, 1/5/2022, 2:20 AM
fullname_required_details	Top of Page	full name is required should not be left blank	✓	Amirdharshini R, 1/4/2022, 9:30 PM
phone_number_and_whatsapp_number	Top of Page	Phone Number and Whatsapp Number should accept minimum 10 digits and maximum 15 digits	✓	Amirdharshini R, 1/4/2022, 9:48 PM
phone_number_detail	Top of Page	Phone number should not be left blank	✓	Amirdharshini R, 1/4/2022, 9:38 PM



Setup > OBJECT MANAGER
Student

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

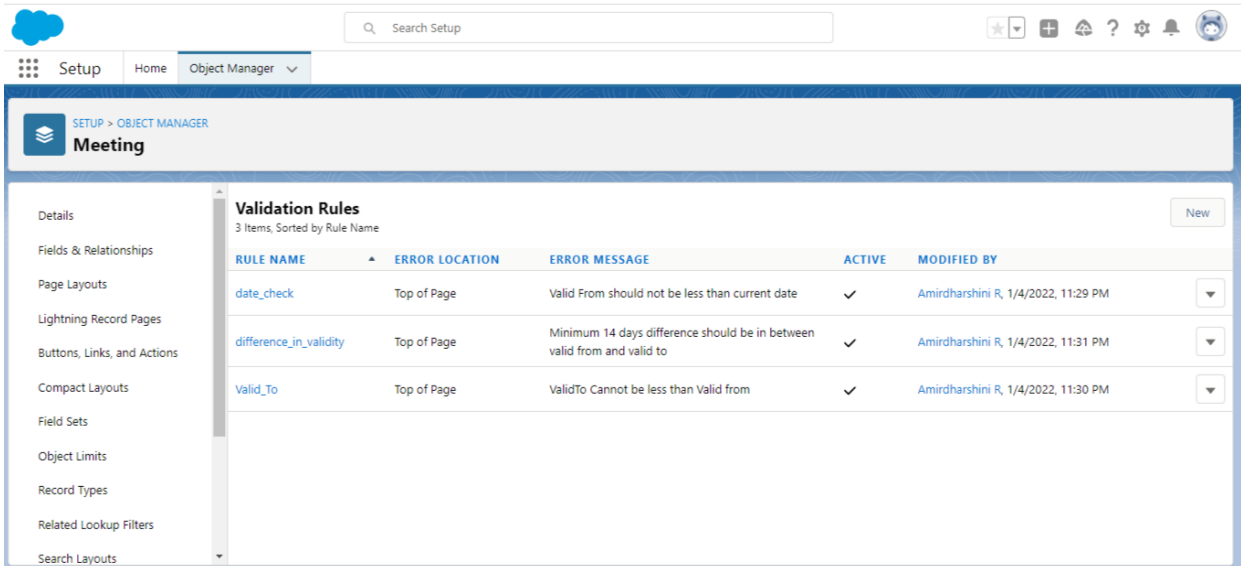
Record Types

Related Lookup Filters

Search Layouts

Validation Rules
2 Items, Sorted by Rule Name

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Lastname_should_not_be_Blank	Top of Page	Lastname should not be Blank:	✓	Amirdharshini R, 1/9/2022, 9:29 PM
Phone_and_whatsappNumber	Top of Page	Phone and whatsappNumber should be minimum 10 digits	✓	Amirdharshini R, 1/9/2022, 9:31 PM



Setup > OBJECT MANAGER
Meeting

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

Validation Rules
3 Items, Sorted by Rule Name

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
date_check	Top of Page	Valid From should not be less than current date	✓	Amirdharshini R, 1/4/2022, 11:29 PM
difference_in_validity	Top of Page	Minimum 14 days difference should be in between valid from and valid to	✓	Amirdharshini R, 1/4/2022, 11:31 PM
Valid_To	Top of Page	ValidTo Cannot be less than Valid from	✓	Amirdharshini R, 1/4/2022, 11:30 PM

Day 4

Topic : process automation

Milestone / Activities : to create a workflow to send a email alert to the owner about valid to date before 1 or 2 days

Detailed Description :

First created a classic email template before that created a letterhead .the workflow works when there is one or two day it automatically sends a email alert to owner.

Screenshot:

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Move to Lightning Experience and give your users a productivity boost.

Quick Find / Search...

Expand All | Collapse All

Lightning Experience Transition Assistant
Move to the new, more productive Salesforce.
[Get Started](#)

Salesforce Mobile Quick Start

Home

Administer
Release Updates
Manage Users
Manage Apps
Manage Territories

All Workflow Rules

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 Rules** [Create New View](#)

[New Rule](#)

Action	Rule Name	Description	Object	Active
Edit Del Activate	1 day after valid to date		Meeting	<input type="checkbox"/>
Edit Del Activate	1 day before valid to date		Meeting	<input type="checkbox"/>
Edit Del Activate	2 days before valid to date		Meeting	<input type="checkbox"/>

[Quick Tips](#)
• [Useful Sample Workflow Rules](#)
• [Video Tutorial \(English Only\)](#)
• [Troubleshooting Workflow](#)

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Move to Lightning Experience and give your users a productivity boost.

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Expand All | Collapse All

Lightning Experience Transition Assistant
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[Get Started](#)

Salesforce Mobile Quick Start

Home

Administer
Release Updates
Manage Users
Manage Apps
Manage Territories
Company Profile
Data Classification
Customer 360 Privacy Center
Security Controls

All Email Alerts

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

View: **All Email Alerts** [Create New View](#)

[New Email Alert](#)

Action	Description	Email Template Name	Object	Last Modified Date
Edit Del	1 day before valid to date reminder email to owner	1 day before valid to date	Meeting	1/9/2022
Edit Del	2 days before valid to date	meeting end date remainder email template	Meeting	1/9/2022
Edit Del	Email alert to course record owner	New Course Confirmation email templates	Course	1/8/2022
Edit Del	Meeting expiry date reminder email alert	meeting end date remainder email template	Meeting	1/8/2022
Edit Del	Training confirmation email alert	Training confirmation email template	Batch/Class Scheduling	1/8/2022

Day 5

Topic : Custom pages using visual force

Milestone / Activities :TO create a visual force page and add a new course tab on it

Detailed Description :

the visual force page is created with all the required fields on it and added thanks page for it to be visible after registering the course . and for it added a corresponding apex class.

And for easy use created new app online training management VF to view this created page on

it. and the new course is added to it

Screenshot:

The screenshot shows the 'New Course' form in the Online Training Management system. The form is divided into two main sections: 'Information' and 'Course Description'. The 'Information' section contains fields for 'Course Name', 'Course Fee', 'Course Category' (a dropdown menu currently showing '--None--'), and 'Course Duration' (a dropdown menu currently showing '--None--'). The 'Course Description' section contains a text area for 'Course Description'. A 'Save Record' button is located at the bottom right of the form. The top navigation bar includes a search bar, a user profile icon, and a list of menu items: 'Online Training Ma...', 'Home', 'New Course', 'New Student', 'New Meeting', and 'Batch scheduling'.

Day 6:

Topic: **Custom page for trainer object**

Milestone /Activities:To create a custom page

Detailed Description :

A custom page for trainer is created using visual force which contains details such as trainer name , trainer email id ,trainer phone number, etc.,.These fields are added using "INSEFIELD" keyword. and the object is added in a separate app called online training management VF . it is made foe easy use .

Screen shot:

The screenshot shows the 'New Trainer' form in the Online Training Management system. The form is divided into two main sections: 'Full Name', 'Phone Number', 'Date of Birth', 'Linkedin Profile', 'Age', 'Email', 'WhatsApp Number', 'Experience', and 'Expertise'. The 'Date of Birth' field has a calendar icon and a date picker showing '1/17/2022'. The 'Experience' field is a dropdown menu currently showing '--None--'. A 'Save' button is located at the bottom right of the form. The top navigation bar includes a search bar, a user profile icon, and a list of menu items: 'Online Training Ma...', 'Home', 'New Course', 'New Trainer', 'New Student', 'New Meeting', and 'Batch scheduling'.

Day 7:

Topic : Custom page for student object

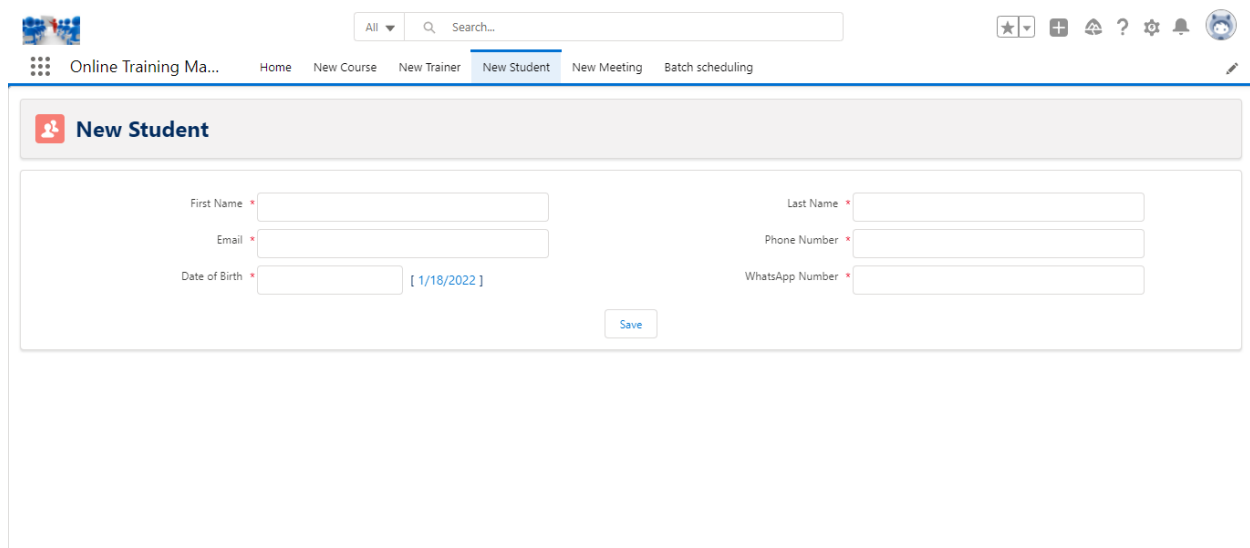
Milestone /Activities: To create a custom page for student object using visual force

Detailed Description :

In course and trainer ,used a apex class as controller to create a visual page . but for student object used a standard controller to create a visual force page . as like in course and trainer object, in student object added few fields like student name, batch id ,etc.,

this is much similar to the object field in previous developed app and name it as new student . but the page was created using a visual page and also added in online training management VF app.

Screen Shot :



The screenshot shows a web application interface for 'Online Training Management'. The top navigation bar includes a logo, a search bar, and several icons. The main menu has links for 'Home', 'New Course', 'New Trainer', 'New Student' (which is highlighted), 'New Meeting', and 'Batch scheduling'. Below the menu, there is a 'New Student' form. The form has a title bar with a person icon and the text 'New Student'. The form contains several input fields: 'First Name', 'Last Name', 'Email', 'Phone Number', 'Date of Birth' (with a date picker showing '1/18/2022'), and 'WhatsApp Number'. Each field has a red asterisk indicating it is required. A 'Save' button is located at the bottom right of the form.

Day 8:

Topic : custom page for meeting object

Milestone /Activities: to create a custom page for meeting object using visual force

Detailed Description :

This page is named as New meeting and created as same as student custom page . In this also, used a standard controller as mentioned in student dashboard . but in live classes they taught us about creating a custom page using lightning web component . but I have created a custom page as per a student dashboard . but have enough knowledge to work in lightning web component also.

Screen shot:

The screenshot shows the 'New Meeting' form in the Online Training Management system. The header includes a logo, a search bar, and navigation links: Home, New Course, New Trainer, New Student, New Meeting (selected), and Batch scheduling. The form itself has a title bar 'New Meeting' and contains the following fields: 'Valid From' with a date picker set to 1/18/2022, 'Valid To' with a date picker set to 2/17/2022, 'Meeting Link' as a text input, and an 'Active' checkbox. A 'Save' button is located at the bottom right of the form.

Day 9:

Topic: custom page for Batch scheduling object

Milestone/ Activities: To create a custom page using visual force for batch scheduling object

Detailed Description :

As like a previous one created a custom page for batch scheduling using visual force and also used a standard controller . the page is named as Batch scheduling . and this object include details like batch , trainer , meeting . so it has relationship between each other to update the required details.

Screen shot :

The screenshot shows the 'New Batch' form in the Online Training Management system. The header is similar to the previous screenshot, but the 'Batch scheduling' link is selected. The form has a title bar 'New Batch' and contains the following fields: 'Batch Type' as a dropdown menu set to '--None--', 'Start Date' with a date picker set to 1/18/2022, 'End Date' with a date picker set to 1/18/2022, 'Meeting ID' as a text input with a search icon, 'Status' as a dropdown menu set to '--None--', 'Course ID' as a text input with a search icon, and 'Trainer ID' as a text input with a search icon. A 'Save' button is located at the bottom right of the form.

Day 10:

Topic: Apex trigger for trainer object

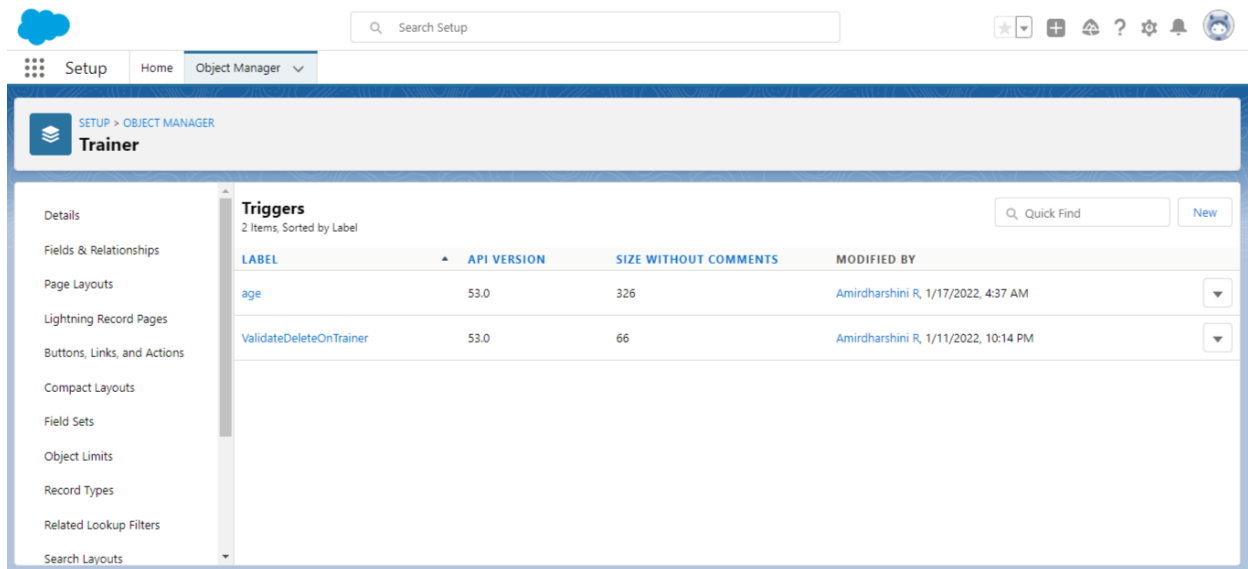
Milestone / Activities: to create a trigger for trainer object

Detailed Description:

Trigger is created by directing to developer console and creating a new apex trigger and giving suitable and selecting the respective object . after that the code is typed to check the age of trainer and to show the error message when the age is less than 25.

and saved the apex trigger and checked by entering new trainer whose age is less than 25 . and error message is shown which represents the correctness of a code.

Screenshot :



Day 11:

Topic : apex trigger for student object

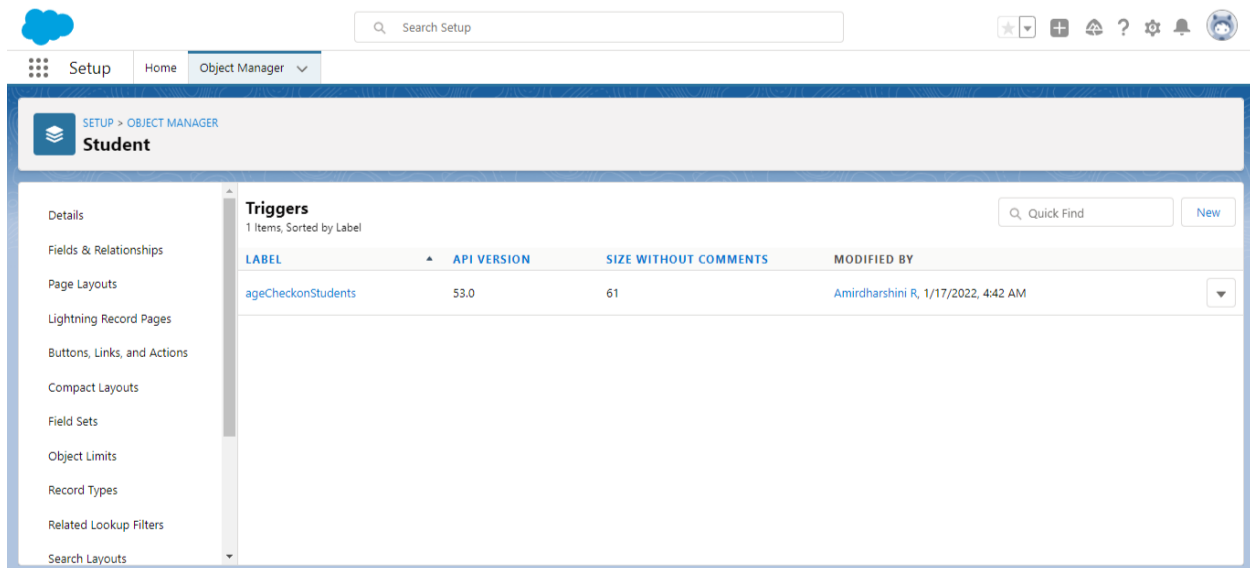
Milestone /Activities : to create a apex trigger for student object

Detailed Description:

Apex trigger for student object is created to check the age of the student . in the developer console , new apex trigger is created by giving suitable name and selecting respective object and starting by typing the code

The code is to check the age of student which should be greater than 16 . the code is completed without any errors and saved . it is checked by entering new student details.

Screen shot:



The screenshot shows the Salesforce Setup interface. At the top, there's a navigation bar with 'Setup', 'Home', and 'Object Manager'. Below this, the 'Object Manager' section is active, showing a list of objects. The 'Student' object is selected, and the 'Triggers' tab is active. The 'Triggers' list shows one item, 'ageCheckonStudents', with API version 53.0 and size 61. The 'MODIFIED BY' column shows 'Amirdharshini R' on 1/17/2022 at 4:42 AM. The left sidebar contains a list of setup options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts.

LABEL	API VERSION	SIZE WITHOUT COMMENTS	MODIFIED BY
ageCheckonStudents	53.0	61	Amirdharshini R, 1/17/2022, 4:42 AM

Day 12:

Topic: Apex trigger for meeting object

Milestone/ Activities:

Detailed Description:

The apex trigger for meeting object is created to check the date of the meeting. as like , before in developer console created a new apex trigger and selected suitable object and saved the trigger after saving it

the correctness of the code is checked by entering a new meeting details and email also can be triggered using apex trigger.

Screen shot:

The screenshot shows the Salesforce Setup interface. At the top, there is a 'Search Setup' bar and a navigation menu with 'Setup', 'Home', and 'Object Manager'. The 'Object Manager' section is expanded, showing a list of objects. The 'Meeting' object is selected, and the 'Triggers' tab is active. The 'Triggers' section displays a table with one item, 'DatecheckonMeeting', sorted by Label. The table has columns for Label, API Version, Size Without Comments, and Modified By. A 'Quick Find' bar and a 'New' button are located at the top right of the table.

Setup > OBJECT MANAGER

Meeting

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

Triggers

1 Items, Sorted by Label

Quick Find New

LABEL	API VERSION	SIZE WITHOUT COMMENTS	MODIFIED BY
DatecheckonMeeting	53.0	61	Amirdharshini R, 1/17/2022, 4:43 AM