Project Title -: ONLINE TRAINING MANAGEMENT

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INDEX

Introduction

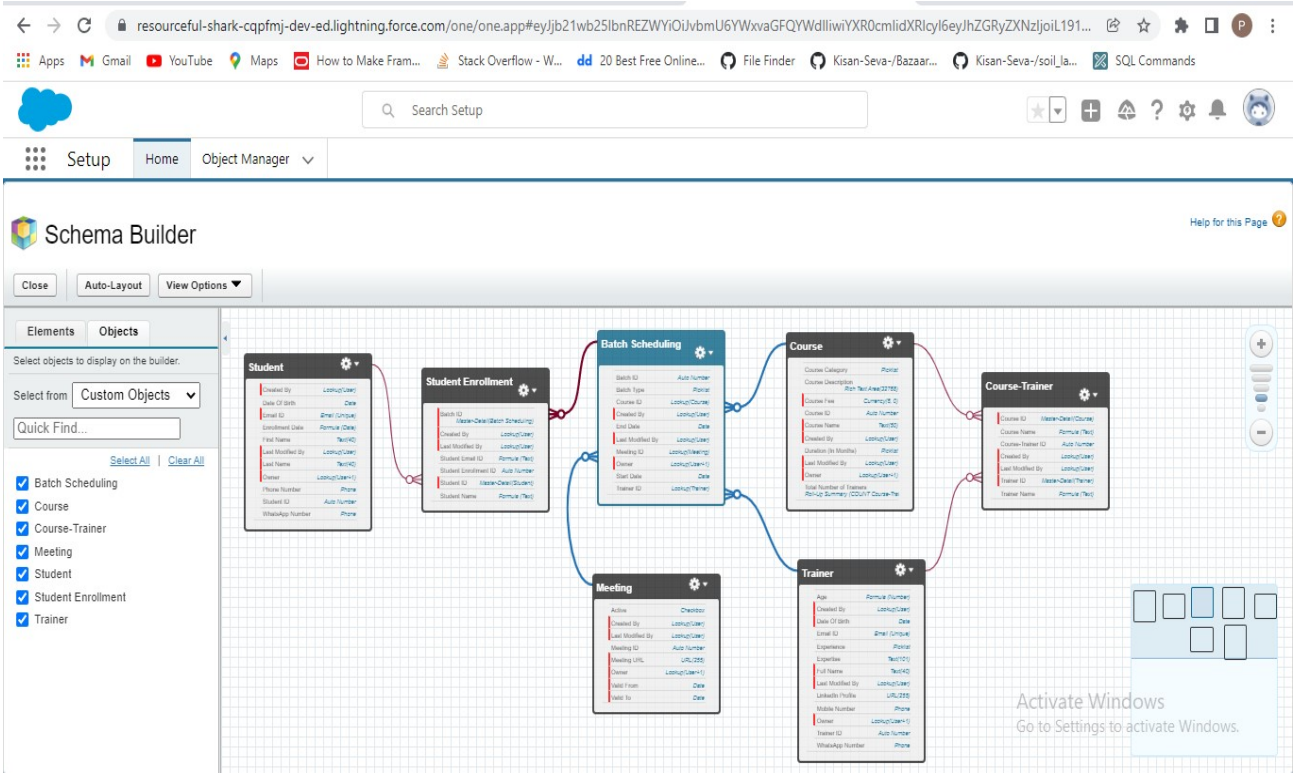
In this project we will be creating an Online Training Management application that will store all the details of the training from courses offered, trainers, students enrolled, Meeting/training information, and many other informations. In the project, we will be creating objects to store these records 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 and also about the triggers. This is great platform where students take online training from anywhere and in the pandemic it is very safe also.

Requirment

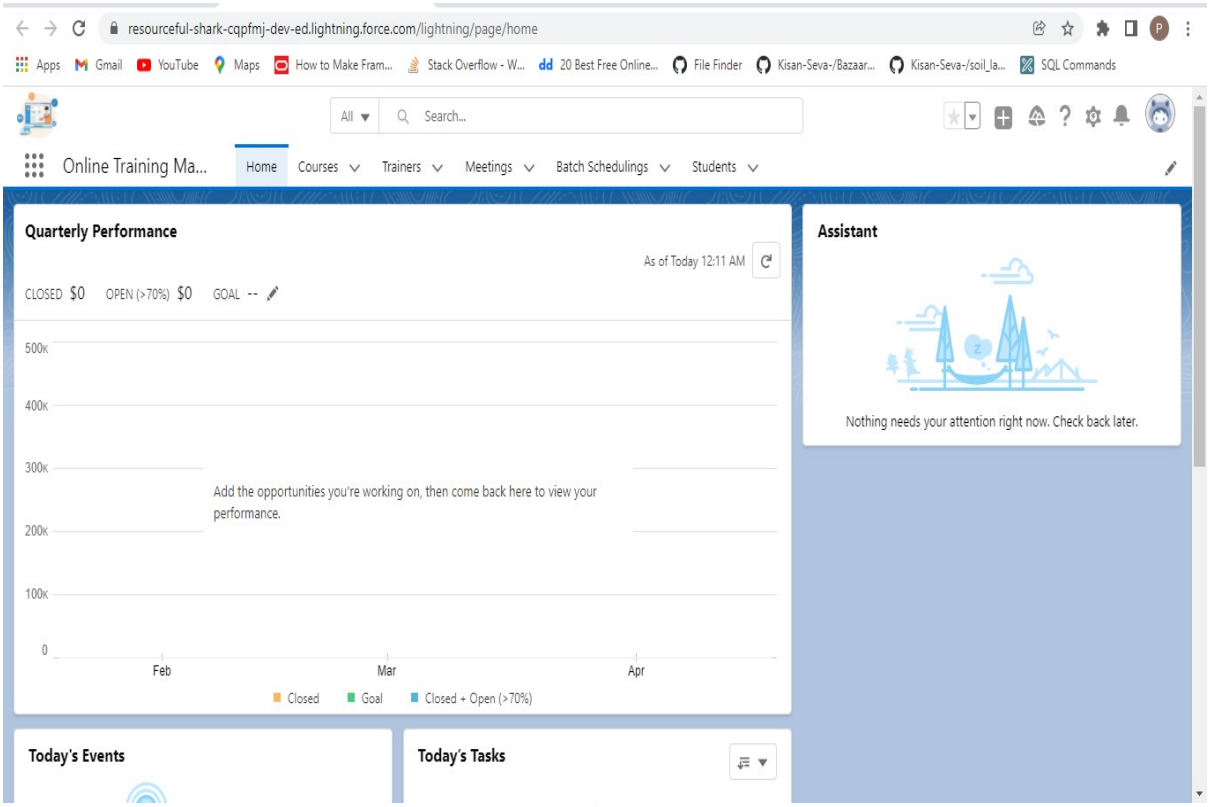
For creating application in salesforce we don’t need to install any specific software or very large size files. We just only need proper internet connection, laptop and a browser.

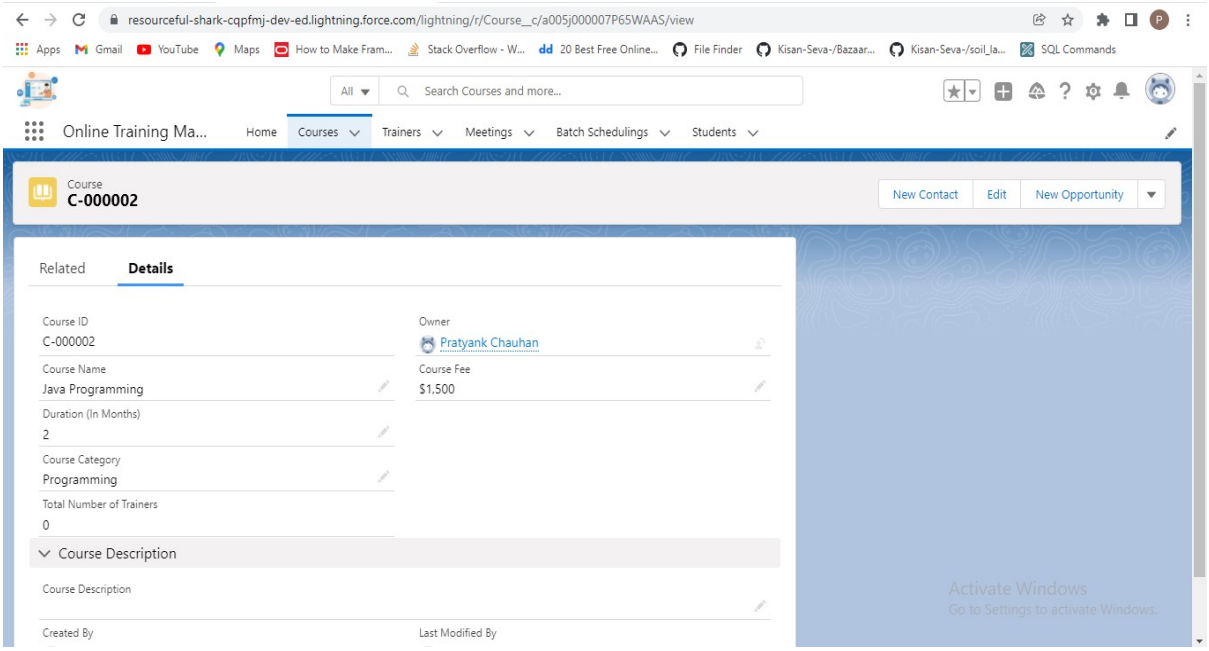
Data Model

This is data model or in salesforce language Schema Builder of Online Training Management application.



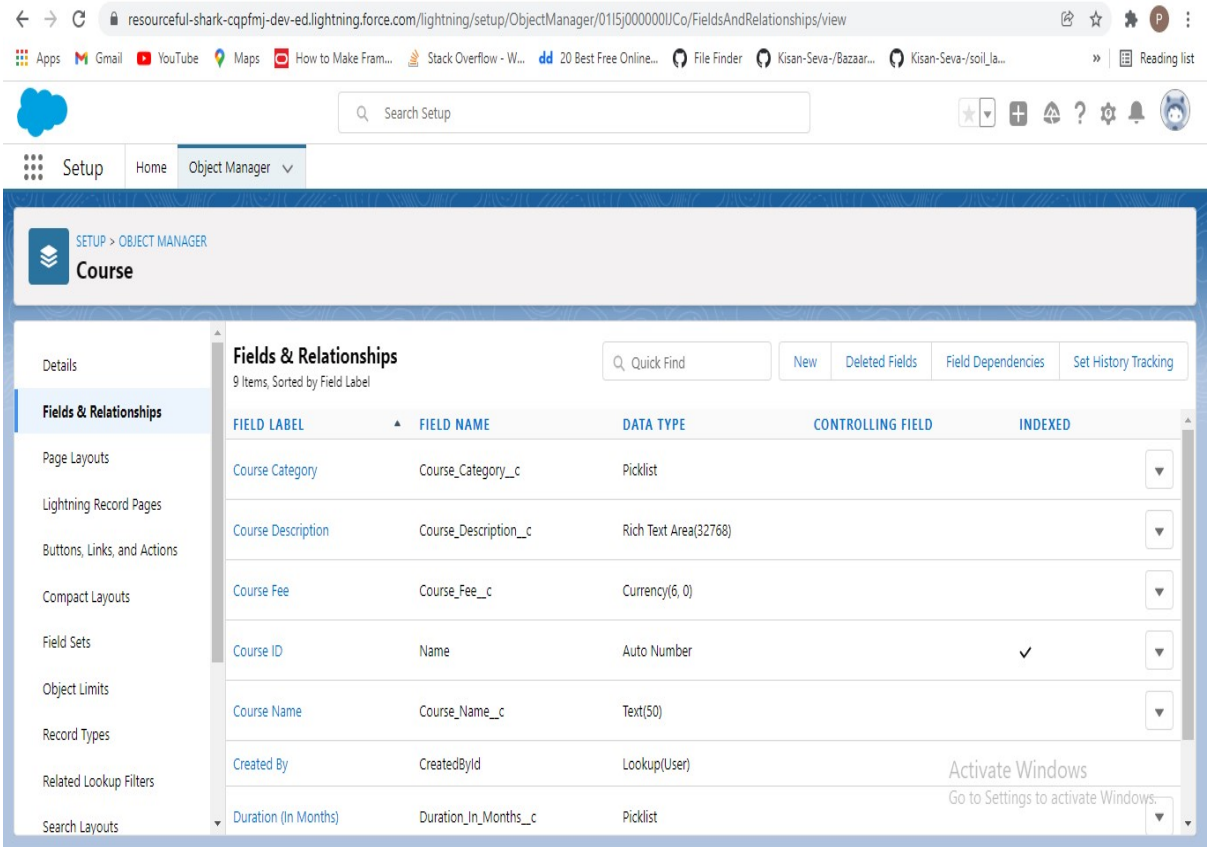
Application Home Screens

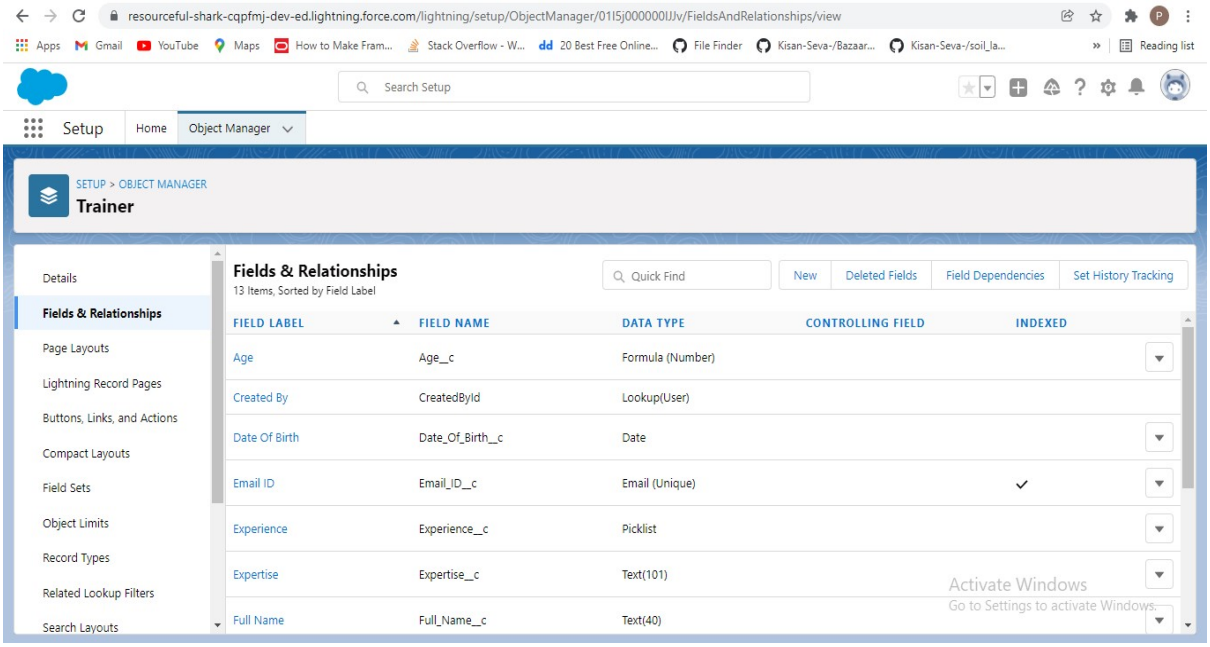


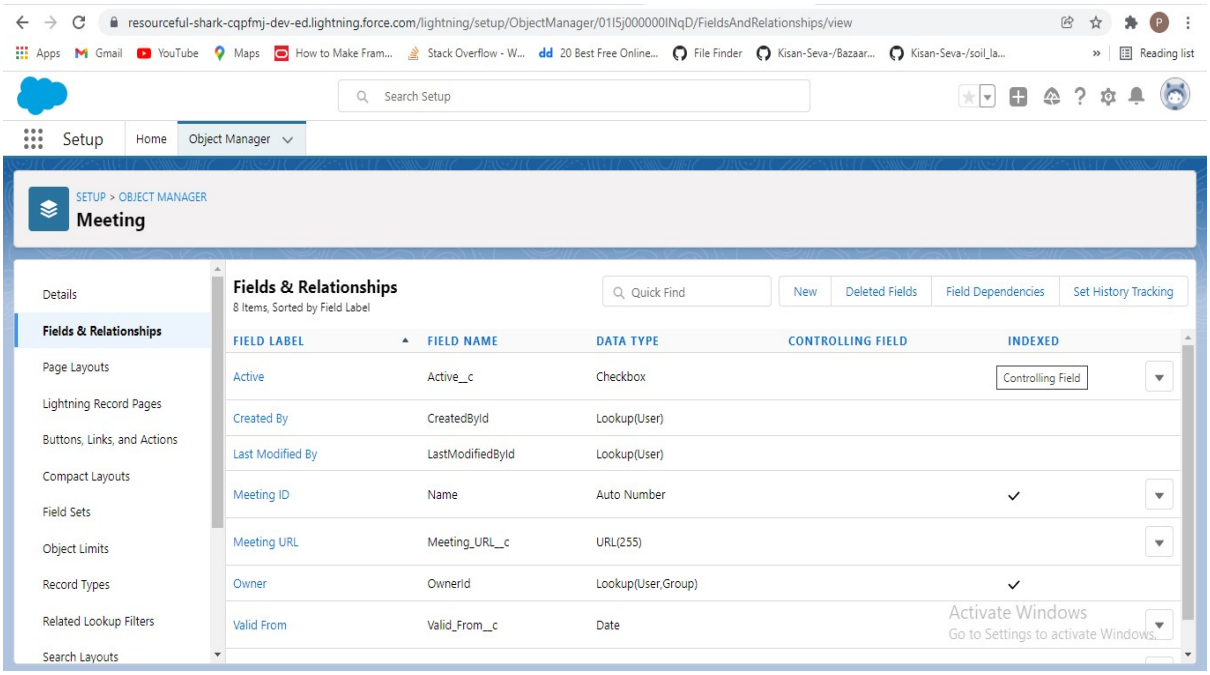


All Available Courses

This is objects and courses where student or trainer perform certain actions.



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Search Setup
Setup
Home
Object Manager
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
Fields & Relationships
8 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
FIELD LABEL
FIELD NAME
DATA TYPE
CONTROLLING FIELD
INDEXED
Active
Active__c
Checkbox
Controlling Field
Created By
CreatedById
Lookup(User)
Last Modified By
LastModifiedById
Lookup(User)
Meeting ID
Name
Auto Number
Meeting URL
Meeting_URL__c
URL(255)
Owner
OwnerId
Lookup(User,Group)
Valid From
Valid_From__c
Date
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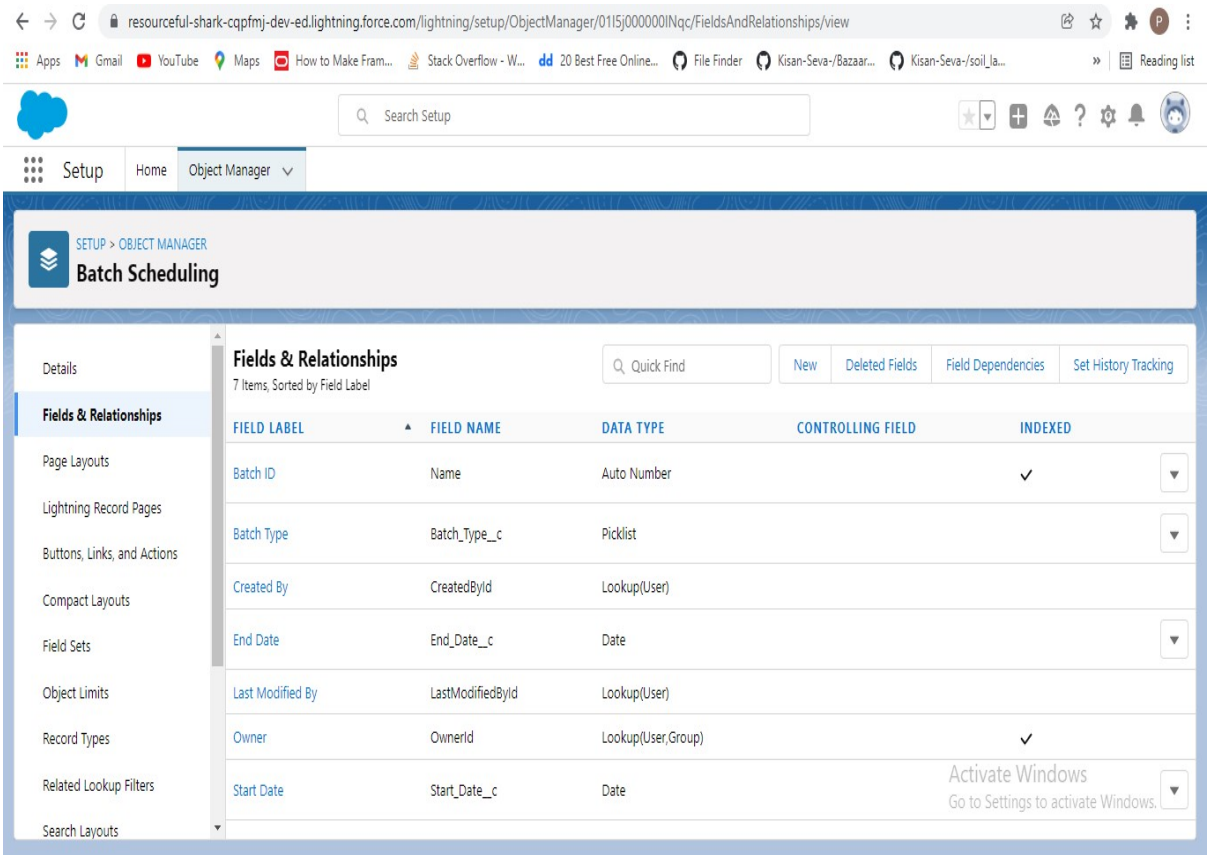
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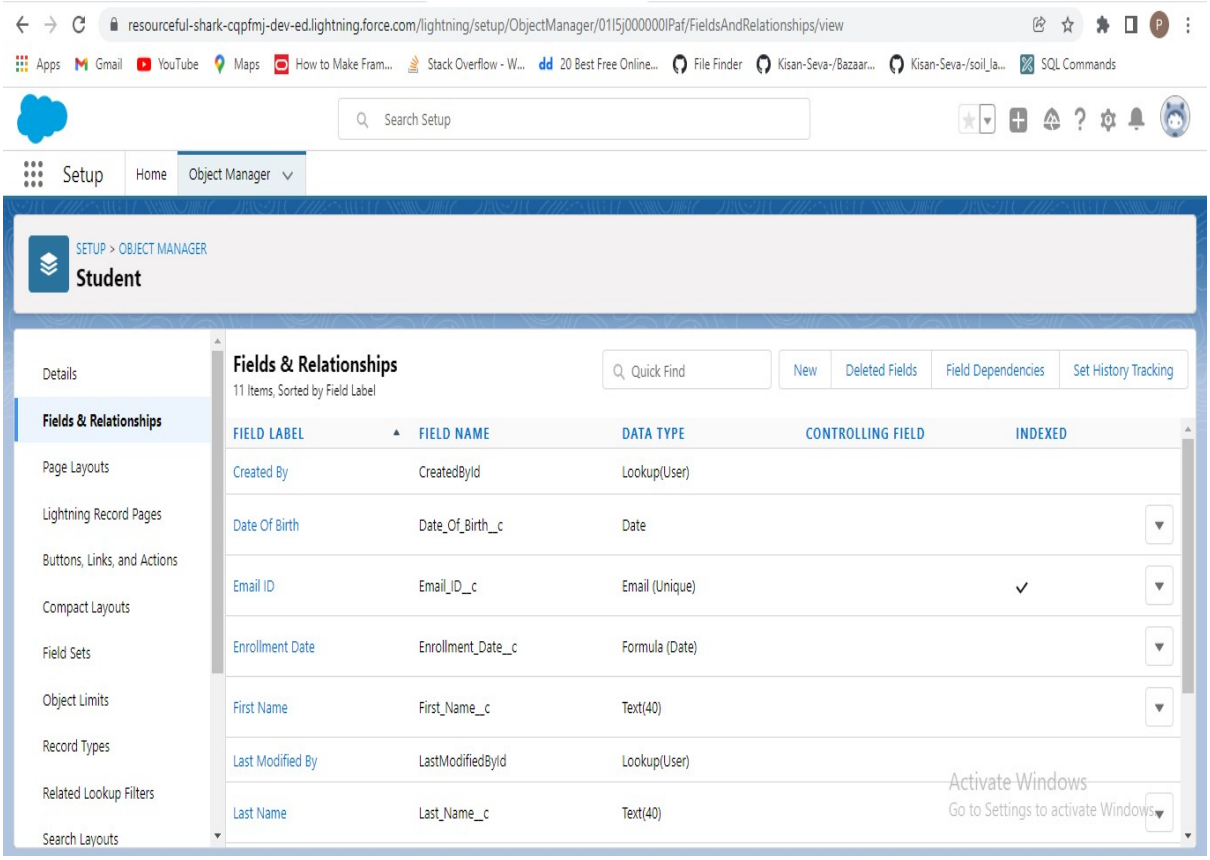
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Batch Scheduling
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Fields & Relationships
7 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
FIELD LABEL
FIELD NAME
DATA TYPE
CONTROLLING FIELD
INDEXED
Batch ID
Name
Auto Number
Batch Type
Batch_Type__c
Picklist
Created By
CreatedById
Lookup(User)
End Date
End_Date__c
Date
Last Modified By
LastModifiedById
Lookup(User)
Owner
OwnerId
Lookup(User,Group)
Start Date
Start_Date__c
Date
Activate Windows
Go to Settings to activate Windows.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Search Setup
Setup
Home
Object Manager
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
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 ID
Email_ID__c
Email (Unique)
Enrollment Date
Enrollment_Date__c
Formula (Date)
First Name
First_Name__c
Text(40)
Last Modified By
LastModifiedById
Lookup(User)
Last Name
Last_Name__c
Text(40)
Activate Windows
Go to Settings to activate Windows.

Custom Pages

VisualForce Page:-

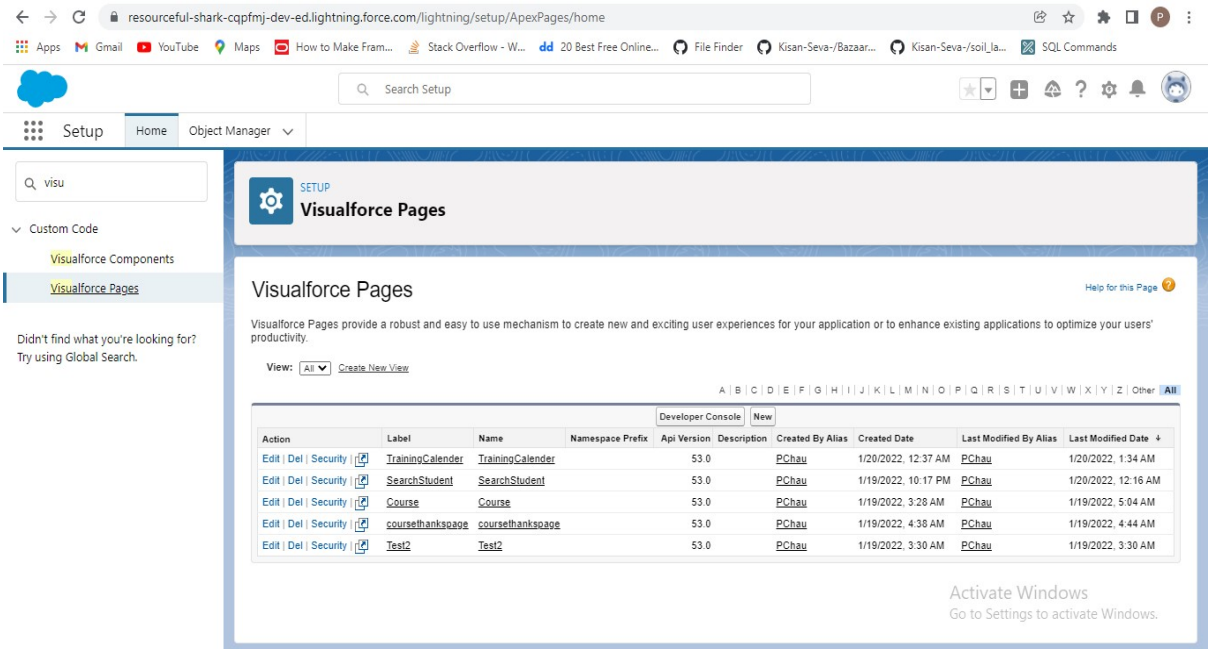
Visualforce Page is a web technology and also framework that is used for web development. So programmer used to build refined, custom user interfaces for mobile and desktop apps.

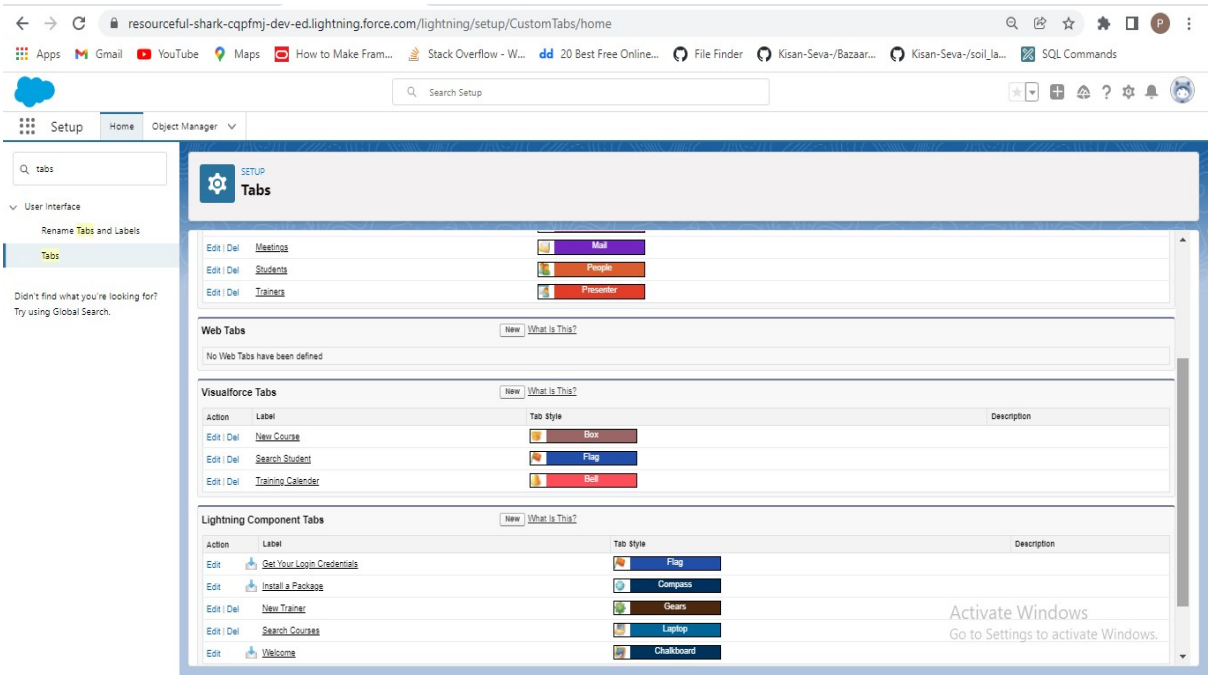
Apex :-

Apex is a proprietary language developed by Salesforce.com. It is a strongly typed, object-oriented programming language that allows developers to execute flow and transaction control statements on the Force.com platform server in conjunction with calls to the Force.com API.

Lightning Web Component:-

Lightning web components are custom HTML elements built using HTML and modern JavaScript. Lightning web components and Aura components can coexist and interoperate on a page. To create Lightning web components, use the code editor of your choice and the Salesforce CLI.

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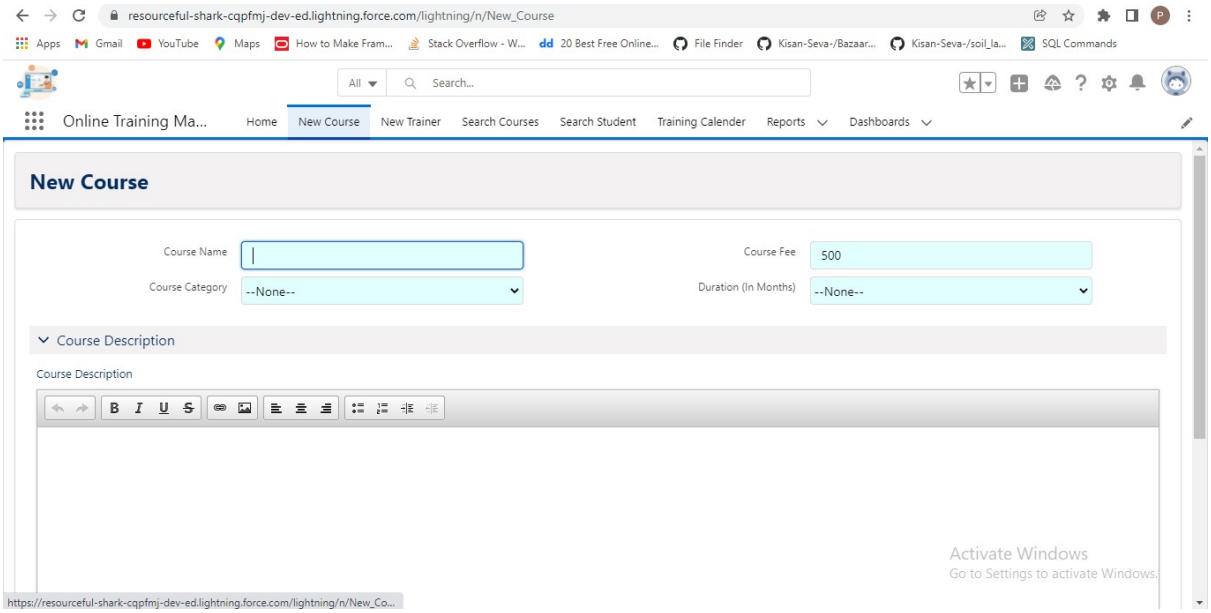
Setup
Home
Object Manager
tabs
User Interface
Rename Tabs and Labels
Tabs
Didn't find what you're looking for?
Try using Global Search.
SETUP
Tabs
Edit | Del Meetings Mail
Edit | Del Students People
Edit | Del Trainers Presenter
Web Tabs
New What Is This?
No Web Tabs have been defined
Visualforce Tabs
New What Is This?
Action Label Tab Style Description
Edit | Del New Course Box
Edit | Del Search Student Flag
Edit | Del Training Calender Bell
Lightning Component Tabs
New What Is This?
Action Label Tab Style Description
Edit Get Your Login Credentials Flag
Edit Install a Package Compass
Edit | Del New Trainer Gears
Edit | Del Search Courses Laptop
Edit Welcome Chalkboard
Activate Windows
Go to Settings to activate Windows.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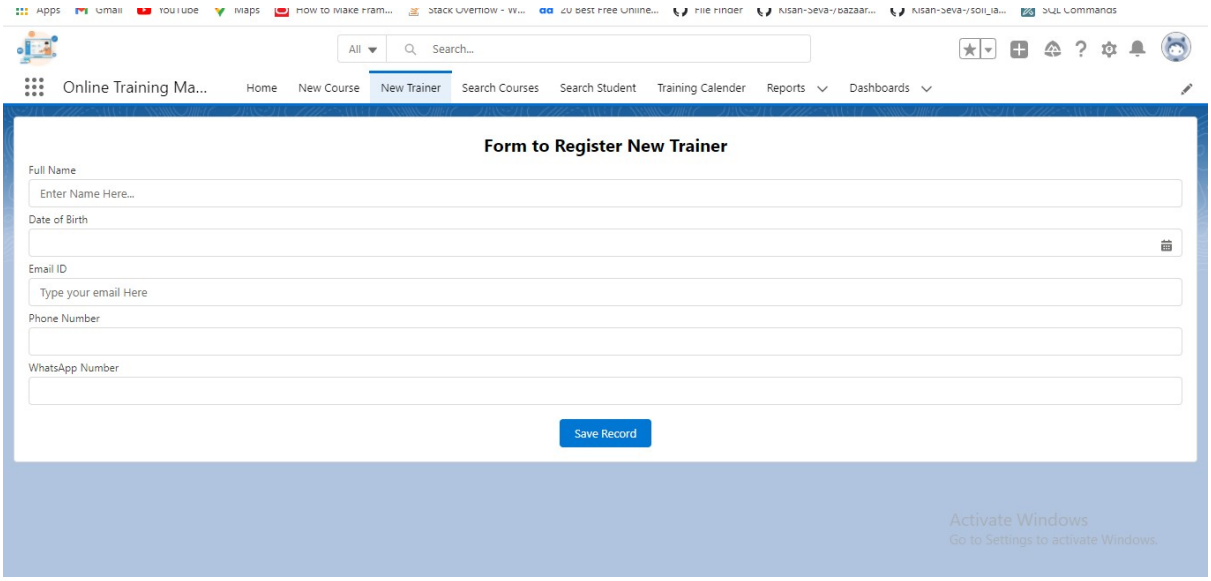
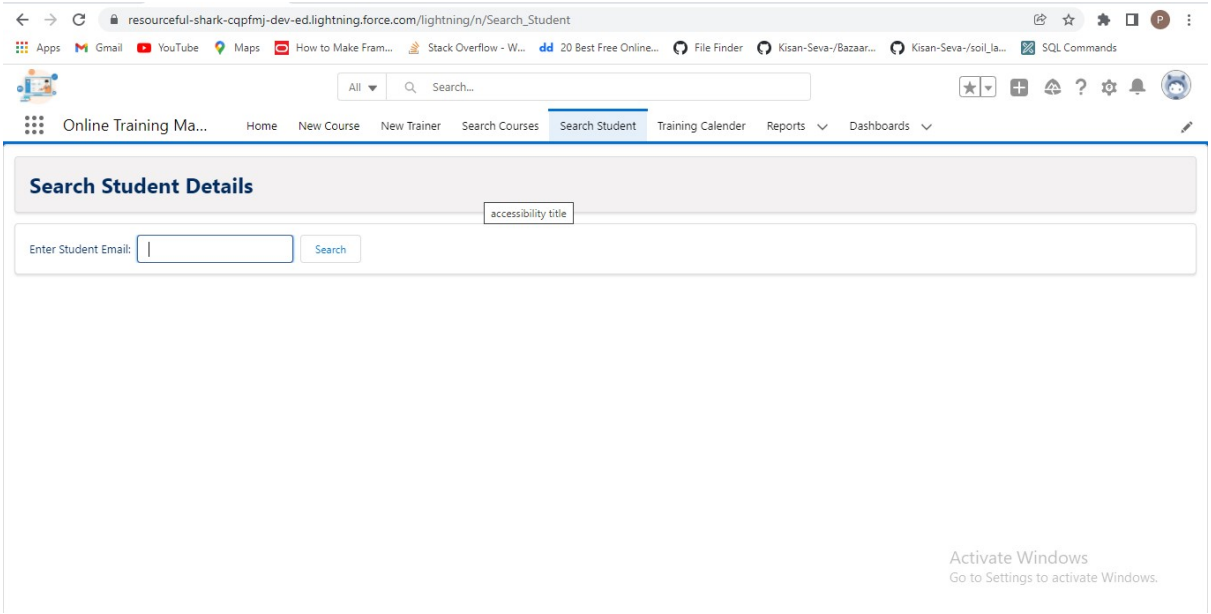
Online Training Ma...
Home
New Course
New Trainer
Search Courses
Search Student
Training Calender
Reports
Dashboards
New Course
Course Name
Course Fee
500
Course Category
--None--
Duration (In Months)
--None--
Course Description
Course Description
Activate Windows
Go to Settings to activate Windows.
https://resourceful-shark-cqpfmj-dev-ed.lightning.force.com/lightning/n/New_Co...


Online Training Ma...
Home
New Course
New Trainer
Search Courses
Search Student
Training Calender
Reports
Dashboards
Form to Register New Trainer
Full Name
Enter Name Here...
Date of Birth
Email ID
Type your email Here
Phone Number
WhatsApp Number
Save Record
Activate Windows
Go to Settings to activate Windows.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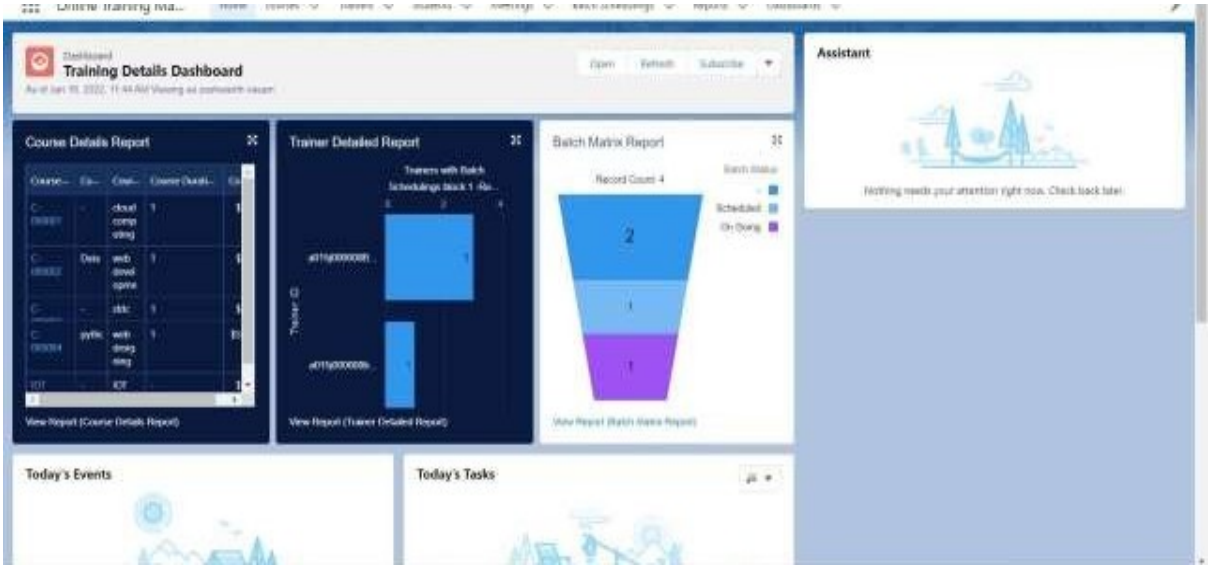
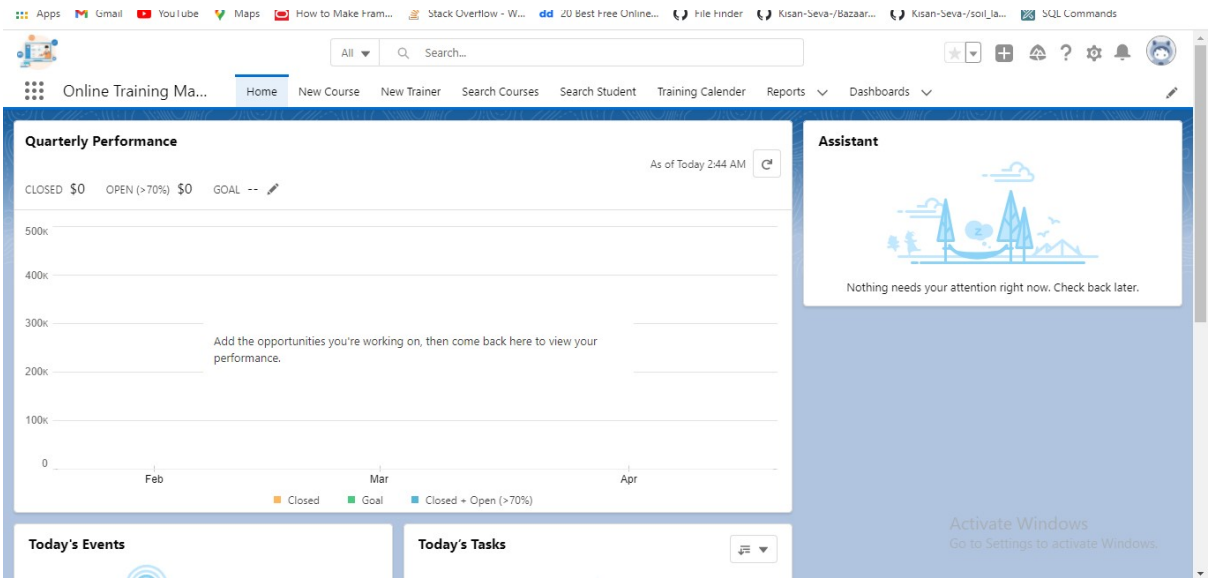
Online Training Ma...
Home
New Course
New Trainer
Search Courses
Search Student
Training Calender
Reports
Dashboards
Search Student Details
accessibility title
Enter Student Email:
Search
Activate Windows
Go to Settings to activate Windows.


Training Details Dashboard
Course Details Report
Trainer Detailed Report
Batch Matrix Report
Assistant
Today's Events
Today's Tasks


Online Training Ma...
Home
New Course
New Trainer
Search Courses
Search Student
Training Calender
Reports
Dashboards
Quarterly Performance
As of Today 2:44 AM
CLOSED $0
OPEN (>70%) $0
GOAL --
Add the opportunities you're working on, then come back here to view your performance.
Feb
Mar
Apr
Closed
Goal
Closed + Open (>70%)
Assistant
Nothing needs your attention right now. Check back later.
Today's Events
Today's Tasks

Conclusion:-

The above discussion and pictures related to projects above. This cloud based CRM and great scope in this field. Its working is very simple and not complex like others languages such as java, C++, C etc. Salesforce doesn't required any software to work on it. It is work on SaaS(Software as a Service) which means allow user to connect cloud-based application over the internet. While doing this project I have got many errors while doing the tasks but with the help trainer and the mentor the errors were solved in the next session and the project has been done successfully in a short period of time. Now I have got experience to perform in the various projects without any errors. This project had given me the real time experience in how to work in a company organization.