

College Management Application

Day 1: Create Your Salesforce Developer Org To Get Started

Date: 03/01/2022

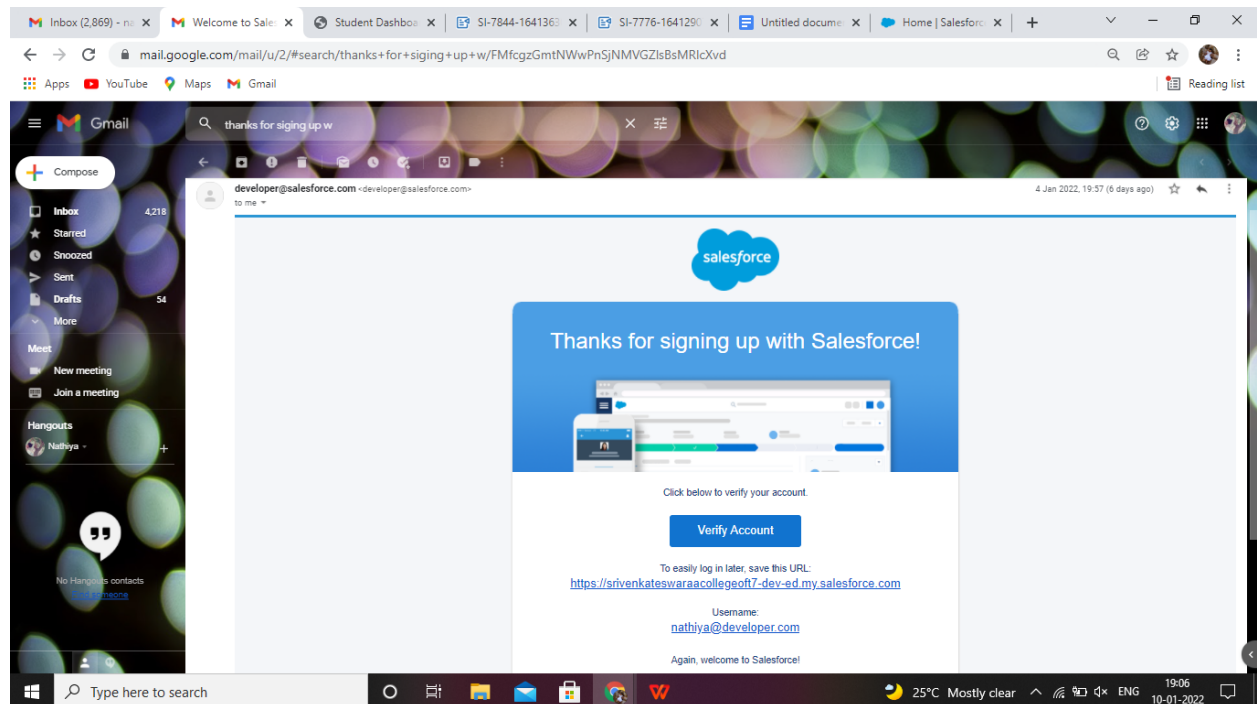
Milestone / Activity :

- Creating a Developer Account
- Account Activation
- Login to your Salesforce account

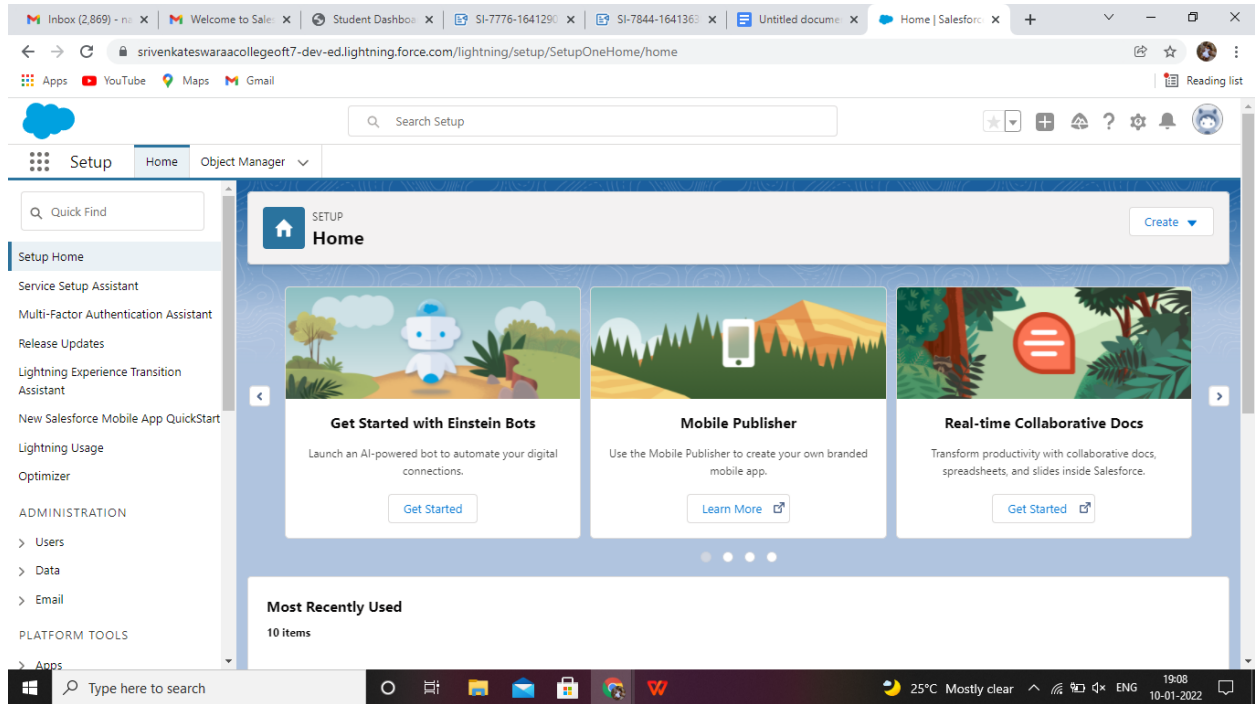
Description:

To create the Developer Account first we have to login to the Account using the URL :- Developer.Salesforce.com and get into the sign in button. If we already have an account in Salesforce Login using the Username and the smartinternz's given password.

Account Activation



Salesforce Login



Day 2: Custom object Creation

Date: 04/01/2022

Milestone / Activity :

- Create the field on college, application form, student and subject (Object).

Description :

Creating the field for the Application on College object, Application form object, Student object and Subject object.

Create Fields On College Object

Browser tabs: Inbox (2,869) · Welcome to Sales · Student Dashbo · SI-7776-164129 · SI-7844-164136 · Untitled docum · College | Salesfo · +

Address bar: srivenkateswaraacollegeoft7-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j0000008Bhg/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
College

Details

Fields & Relationships
10 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Capacity Of Students	Capacity_Of_Students__c	Picklist	College Name	
College Fees	College_Fees__c	Currency(7, 2)		
College Name	College_Name__c	Picklist		
College Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Email	Email__c	Picklist	College Name	
Hostel Fees	Hostel_Fees__c	Currency(6, 2)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(1 User Group)		✓

Type here to search

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Create Fields On Application Form Object

Browser tabs: Inbox (2,869) · Welcome to Sales · Student Dashbo · SI-7776-164129 · SI-7844-164136 · Untitled docum · Application Form · +

Address bar: srivenkateswaraacollegeoft7-dev-ed.lightning.force.com/lightning/setup/ObjectManager/0115j0000008CZ6/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER
Application Form

Details

Fields & Relationships
15 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Text(255)		
Application Form ID	Application_Form_ID__c	Auto Number		
College	College__c	Master-Detail(College)		✓
College Fees	College_Fees__c	Currency(18, 0)		
Created By	CreatedById	Lookup(User)		
date of Birth	date_of_Birth__c	Date		
Email	Email__c	Email		
Form Number	Name	Auto Number		✓
Guardian Name	Guardian_Name__c	Text(30)		
Hostel Fees	Hostel_Fees__c	Currency(18, 0)		
Last Modified By	LastModifiedById	Lookup(User)		

Type here to search

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Create Fields On Student Object

The screenshot shows the Salesforce Setup interface for the 'Student' object. The left sidebar contains a navigation menu with 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. The main content area is titled 'Details' and includes a description field, API Name (Student__c), Custom checkbox (checked), Singular Label (Student), Plural Label (Students), and a list of settings: Enable Reports (checked), Track Activities (checked), Track Field History (checked), Deployment Status (Deployed), and Help Settings (Standard salesforce.com Help Window). The top navigation bar shows 'Setup > Object Manager' and the bottom status bar displays system information like temperature and date.

Setup > OBJECT MANAGER
Student

Details

Description

API Name
Student__c

Custom
✓

Singular Label
Student

Plural Label
Students

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

Create Fields On Subject Object

The screenshot shows the Salesforce Setup interface for the 'Subject' object, specifically the 'Fields & Relationships' section. The left sidebar contains a navigation menu with 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. The main content area is titled 'Fields & Relationships' and includes a table with 8 items, sorted by Field Label. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The table lists fields: Created By, Last Modified By, Owner, Paper 1, Paper2, Student, Subject ID, and Subject Name. The top navigation bar shows 'Setup > Object Manager' and the bottom status bar displays system information like temperature and date.

Setup > OBJECT MANAGER
Subject

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
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Paper 1	Paper1__c	Picklist		
Paper2	Paper2__c	Picklist		
Student	Student__c	Lookup(Student)		✓
Subject ID	Subject_ID__c	Auto Number		
Subject Name	Name	Text(80)		✓

Day 3: Adding Business Logic To Application

Date: 05/01/2022

Milestone / Activity :

- Creating :-
 - ☆ Global Picklist Value Set
 - ☆ Field Dependencies
 - ☆ Validation Rule

Description :

Picklist value sets (global) :- The picklist value is used for listing the option for the application for college

Creating Global Picklist Value Sets

The screenshot shows the Salesforce Lightning Setup interface. The browser address bar displays the URL: `srivenkateswaraacollegeoft7-dev-ed.lightning.force.com/lightning/setup/Picklists/home`. The left sidebar contains a search bar with the text "picklist" and a list of navigation items under "Data" and "Objects and Fields". The main content area is titled "Picklist Value Sets" and includes a "Help for this Page" link. Below the title, there is a description of global picklist value sets and a "View" dropdown set to "All". A table titled "Global Value Sets" lists three entries: "College", "Pacer1", and "Pacer2", each with "Edit" and "Delete" links. The table also shows a "Deleted Global Value Sets (0)" section. The bottom of the screen shows the Windows taskbar with the search bar and system tray.

Setup

Home

Object Manager

Search Setup

picklist

Data

- Picklist Settings
- State and Country/Territory
- Picklists

Objects and Fields

- Picklist Value Sets

Didn't find what you're looking for? Try using Global Search.

Picklist Value Sets

Global picklist value sets let you share the values across objects. Base custom picklist fields on a global value set to inherit its values. The value set is restricted so users can't add unapproved values through the API.

View: All Create New View

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other All

Global Value Sets

Action	Label	Description
Edit Del	College	
Edit Del	Pacer1	
Edit Del	Pacer2	

Deleted Global Value Sets (0)

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Creating Field Dependencies

The screenshot shows the Salesforce Lightning Setup interface for the 'College' object. The left sidebar contains navigation links: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, and Record Types. The main content area is titled 'College Field Dependencies' and includes a 'Back to Custom Object: College' link. Below the title, a text box states: 'This page allows you to define dependencies between fields (e.g., dependent picklists)'. A 'Field Dependencies' table is displayed with a 'New' button. The table has four columns: Action, Controlling Field, Dependent Field, and Modified By. It contains two rows of dependencies.

Action	Controlling Field	Dependent Field	Modified By
Edit Del	College Name	Email	NATHIYA J. 1/4/2022, 9:40 PM
Edit Del	College Name	Capacity Of Students	NATHIYA J. 1/4/2022, 9:42 PM

Creating Validation Rule

The screenshot shows the Salesforce Lightning Setup interface for the 'College' object, specifically the 'College Validation Rule' page. The left sidebar is the same as in the previous screenshot. The main content area is titled 'College Validation Rule' with a 'Back to College' link. Below the title, a 'Validation Rule Detail' section is shown with 'Edit' and 'Clone' buttons. The details include: Rule Name (College_Name_Similar), Active status (checked), Error Condition Formula (TEXT(College_Name__c) <> Name), Error Message (college name and record info should have the same name.), Error Location (Top of Page), Description, Created By (NATHIYA J. 1/4/2022, 9:46 PM), and Modified By (NATHIYA J. 1/4/2022, 9:46 PM). 'Edit' and 'Clone' buttons are also present at the bottom of the details section.

Validation Rule Detail		Buttons	
Rule Name	College_Name_Similar	Active	<input checked="" type="checkbox"/>
Error Condition Formula	TEXT(College_Name__c) <> Name		
Error Message	college name and record info should have the same name.	Error Location	Top of Page
Description			
Created By	NATHIYA J. 1/4/2022, 9:46 PM	Modified By	NATHIYA J. 1/4/2022, 9:46 PM

Day 4: Process Automation

Date : 06/01/2022

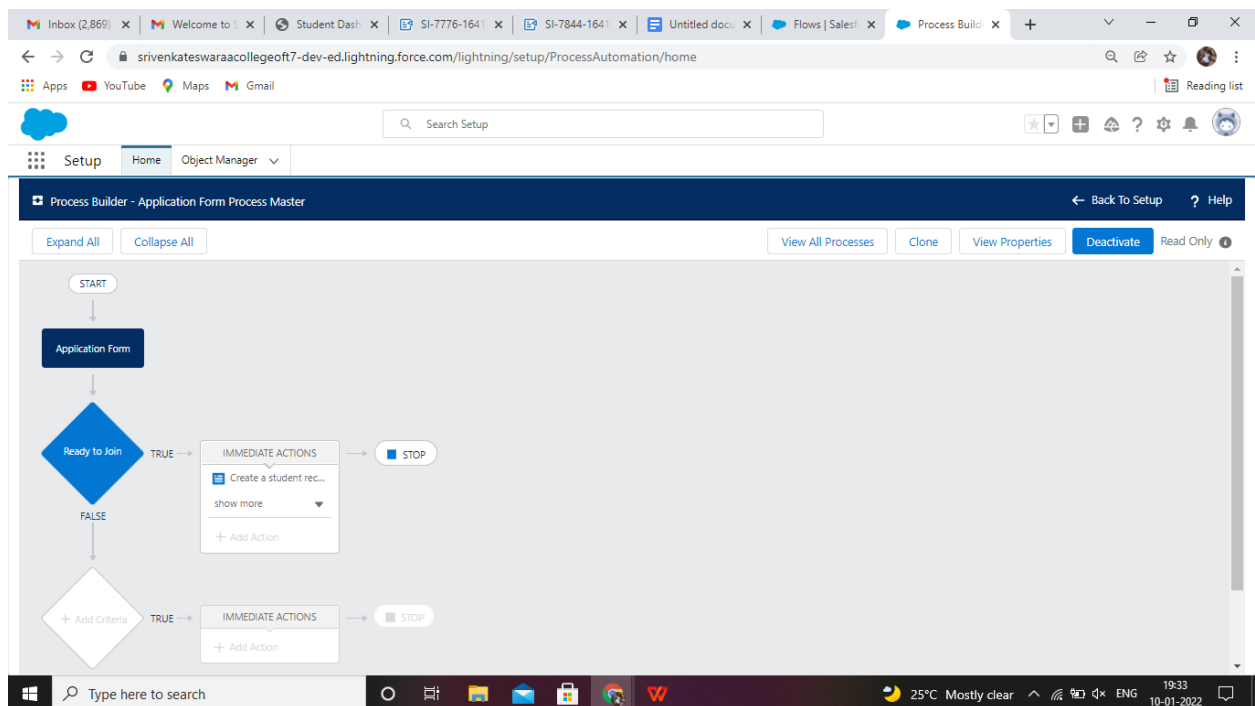
Milestone / Activity :

Go to setup ---> in quick finder search Process Builder ---> click process builder then ---> click new ---> Create a process builder on "Application Form" process start when a record change.

Description :

The Process Builder is used to generate automatic email alert for the user

Creating Process Automation



Day 5 : Creating student application using Flow

Date : 07/01/2022

Milestone / Activity :

Go to setup ---> in quick finder search Flow Builder ---> Click new flow ---> In the various types of flows select record triggered flow ---> now create a Assignment and Records for Student ---> Save and Activate.

Description :

The flow Builder is a another way to generate automatic email alert for the user

Creating student application

