

Cloud Computing(A-4)

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CLASS:TE COMPUTER-A

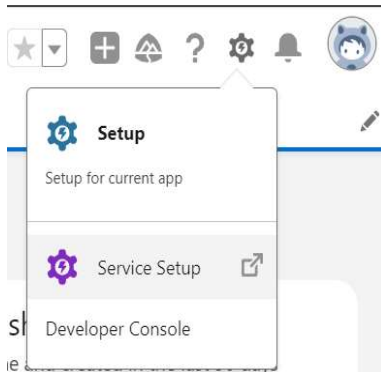
ROLL NO:- 21CO047

BATCH :- C

Problem Statement :- Design and develop custom Application(Mini Project) using Salesforce Cloud.

Application: Student Library Management System

Step 1 :-

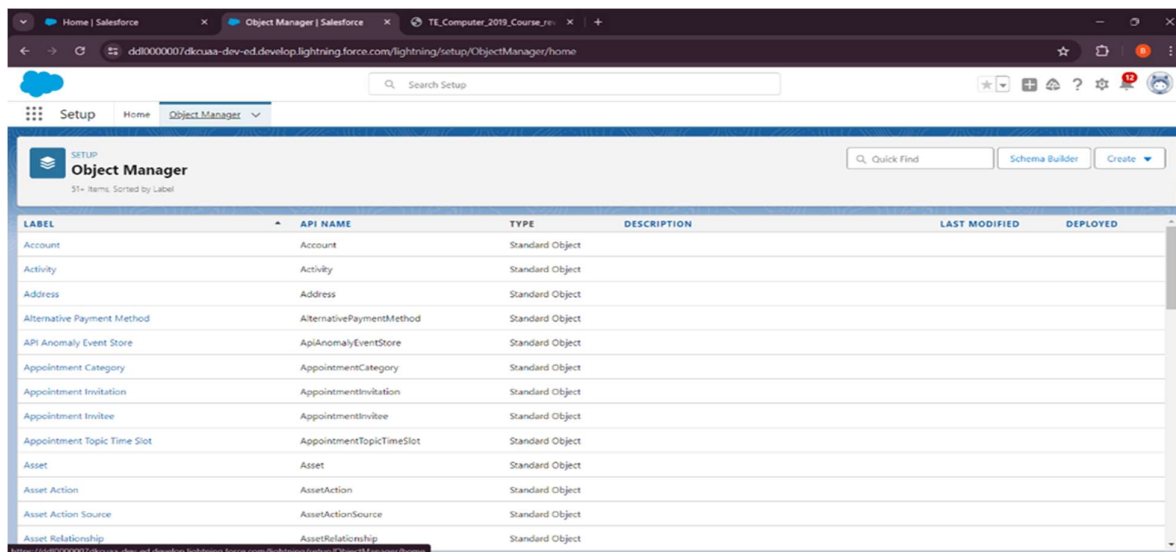


Step 2:-

Create custom object. Means create a table. Two tables are required

1) Student table

2) Book table



1) Student table

Home | Salesforce

New Custom Object | Salesforce

TE_Computer_2019_Course_re

ddl0000007dkcuaa-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/new

Search Setup

SetupHomeObject Manager

SETUP

New Custom Object

Help for this Page

Permissions for this object are disabled for all profiles by default. You can enable object permissions in permission sets or by editing custom profiles. [Tell me more!](#) [Don't show this message again](#)

Custom Object Definition Edit

SaveSave & NewCancel

Custom Object Information

Required Information

The singular and plural labels are used in tabs, page layouts, and reports.

LabelStudentExample: Account

Plural LabelStudentsExample: Accounts

Starts with vowel sound☐

The Object Name is used when referencing the object via the API.

Object NameStudentExample: Account

Description

students are issues books

Context Sensitive Help Setting

☒ Open the standard Salesforce.com Help & Training window

☐ Open a window using a Visualforce page

Content Name

None

Student | Salesforce

ddl0000007dkcuaa-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01dL000000017p3/Details/view

Search Setup

SetupHomeObject Manager

SETUP > OBJECT MANAGER

Student

Details

EditDelete

Details

Description

students are issues books

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

The screenshot displays the Salesforce Object Manager interface for creating a new custom object. The browser address bar shows the URL: `ddl0000007dkuaa-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/page?address=%2F01I%2Fe%3FappLayout%3Dsetup%26retURL%3D%25F01dl.00000017p3%253Fsetu...`. The page title is "New Custom Object". A yellow message bar at the top states: "Permissions for this object are disabled for all profiles by default. You can enable object permissions in permission sets or by editing custom profiles. [Tell me more!](#) [Don't show this message again](#)". Below this, the "Custom Object Definition Edit" section contains the following fields:

- Label:** **Example:** Account
- Plural Label:** **Example:** Accounts
- Starts with vowel sound:** ☐
- Object Name:** **Example:** Account
- Description:**

At the bottom, the "Context-Sensitive Help Setting" section shows two radio buttons: "Open the standard Salesforce.com Help & Training window" (selected) and "Open a window using a Visualforce page". The "Content Name" dropdown is set to "None".

Step 3 :-

Add field to the table

Student

i) Field name :- Class

Home | Salesforce Student | Salesforce TE_Computer_2019_Course_re

ddl0000007dkcuaa-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01ldL00000017p3/FieldsAndRelationships/new

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 Restriction Rules Scoping Rules Triggers Flow Triggers

Student New Custom Field

Step 2. Enter the details Step 2 of 4

Field Label Class

Please enter the maximum length for a text field below.

Length 10

Field Name Class

Description Add year of student

Help Text

Required ☐ Always require a value in this field in order to save a record

Unique ☐ Do not allow duplicate values

☒ Treat "ABC" and "abc" as duplicate values (case insensitive)

☐ Treat "ABC" and "abc" as different values (case sensitive)

External ID ☐ Set this field as the unique record identifier from an external system

Auto add to custom report type ☒ Add this field to existing custom report types that contain this entity

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ddl0000007dkcuaa-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01ldL00000017p3/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER Student

Details Fields & Relationships 5 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Class	Class_c	Text(10)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Student Name	Name	Text(80)		✓

Book

i) Field name :- Author Name

Home | Salesforce | Book | Salesforce | TE_Computer_2019_Course_re | +

ddl0000007dkcuaa-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01ldL00000017p4/FieldsAndRelationships/new

Setup Home Object Manager

SETUP > OBJECT MANAGER
Book

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Restriction Rules
Scoping Rules
Triggers
Flow Triggers

Book
New Custom Field

Step 2. Enter the details

Field Label: Author Name

Length: 20

Field Name: Author_Name

Description: We can add author name

Help Text:

Required: ☒ Always require a value in this field in order to save a record

Unique: ☐ Do not allow duplicate values

External ID: ☐ Set this field as the unique record identifier from an external system

Auto add to custom report type: ☒ Add this field to existing custom report types that contain this entity

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ddl0000007dkcuaa-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01ldL00000017p4/FieldsAndRelationships/new

Setup Home Object Manager

SETUP > OBJECT MANAGER
Book

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Restriction Rules
Scoping Rules
Triggers
Flow Triggers

Book
New Custom Field

Step 4. Add to page layouts

Field Label	Author Name
Data Type	Text
Field Name	Author_Name
Description	We can add author name

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

Add Field Page Layout Name

☒ Book Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

ii) Field name :- Publisher

Field Label

Publisher

Please enter the maximum length for a text field below.

Length

30

Field Name

Publisher

Description

Help Text

Required

☐ Always require a value in this field in order to save a record

Unique

☐ Do not allow duplicate values

☒ Treat "ABC" and "abc" as duplicate values (case insensitive)

☐ Treat "ABC" and "abc" as different values (case sensitive)

External ID

☐ Set this field as the unique record identifier from an external system

Auto add to custom report type

☒ Add this field to existing custom report types that contain this entity

Field Label

Publisher

Data Type

Text

Field Name

Publisher

Description

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

<input checked="" type="checkbox"/> Add Field	Page Layout Name
<input checked="" type="checkbox"/>	student Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Step 4 :-

Create tab

Go to setup and select tabs

Student

Object Manager ▾

SETUP
Tabs

New Custom Object Tab

Help for this Page ?

Step 1. Enter the Details

Step 1 of 3

Choose the custom object for this new custom tab. Fill in other details.

Select an existing custom object or [create a new custom object now.](#)

Object Student ▾

Tab Style Computer

(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.

Splash Page Custom Link --None-- ▾

Enter a short description.

Description

Next

Cancel

Book

Object Manager ▾

SETUP
Tabs

New Custom Object Tab

Help for this Page ?

Step 1. Enter the Details

Step 1 of 3

Choose the custom object for this new custom tab. Fill in other details.

Select an existing custom object or [create a new custom object now.](#)

Object Book ▾

Tab Style Bottle

(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.

Splash Page Custom Link --None-- ▾

Enter a short description.

Description

Next

Cancel

Custom Object Tabs			
		New	What Is This?
Action	Label	Tab Style	
Edit Del	Books	Bottle	
Edit Del	Students	Computer	

Step 5 :-

Create app

Go to setup and select app manager

Create new lightning app

New Lightning App

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

App Details

* App Name [?]

* Developer Name [?]

Description [?]

App Branding

Image [?]

Primary Color Hex Value [?]

Org Theme Options

☐ Use the app's image and color instead of the org's

[Clear](#) [Next](#)

New Lightning App

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

App Details

* App Name [?]

* Developer Name [?]

Description [?]

App Branding

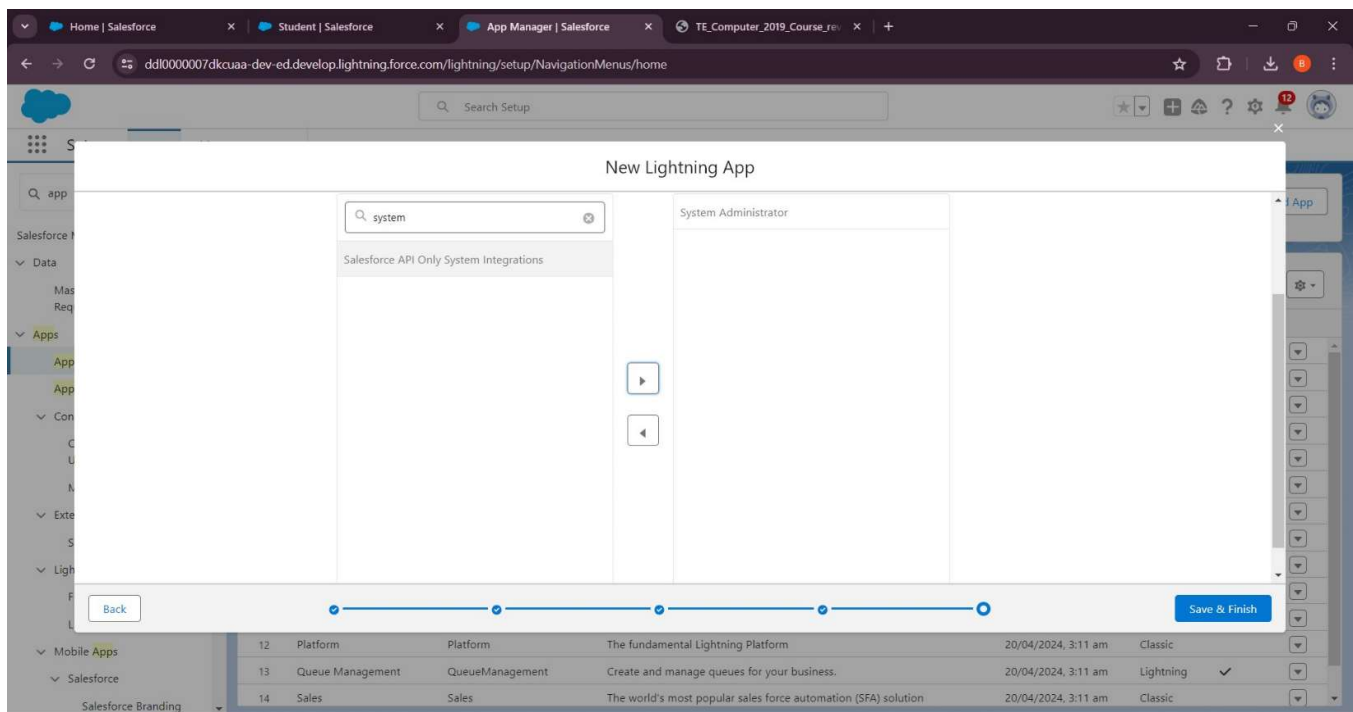
Image [?]

Primary Color Hex Value [?]

Org Theme Options

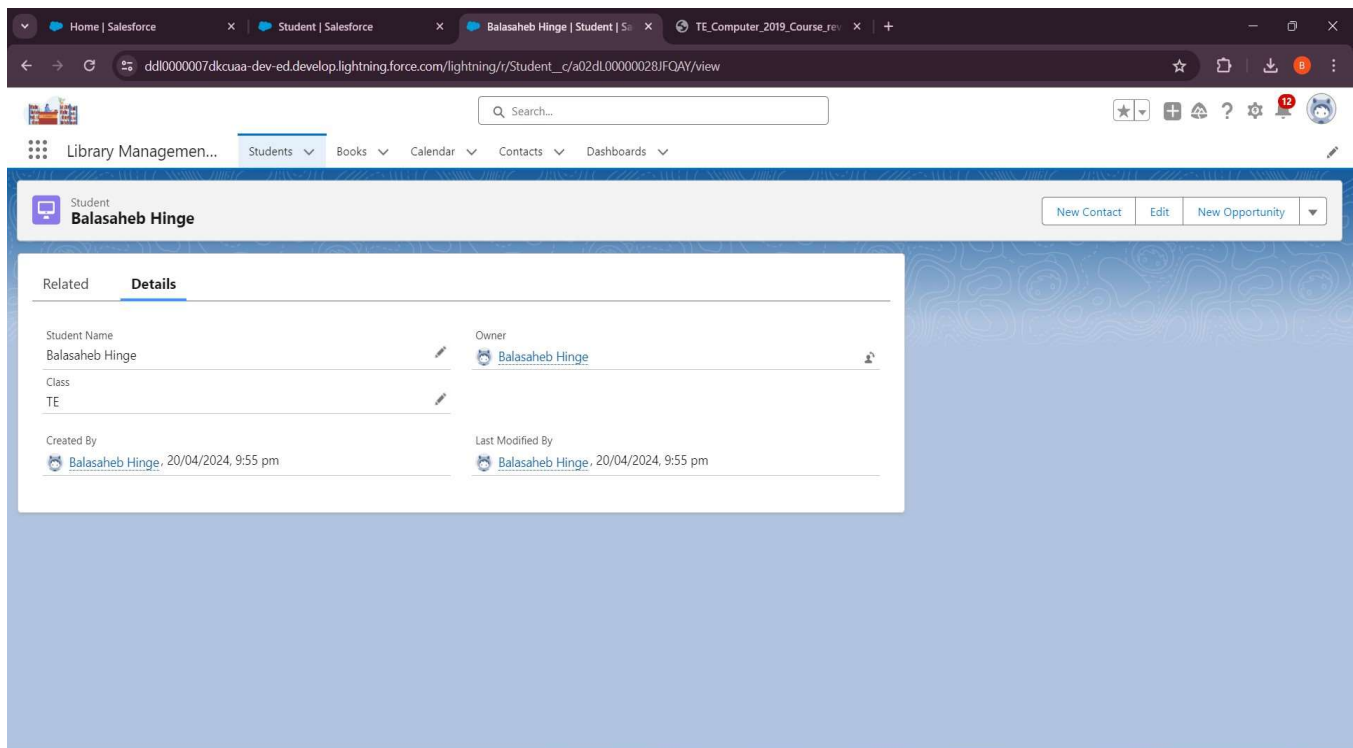
☐ Use the app's image and color instead of the org's

[Clear](#) [Next](#)



Step 6:

Add records



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ddl0000007dkcuaa-dev-ed.develop.lightning.force.com/lightning/r/Book_c/a03dL0000005pjRQAQ/view

Library Managemen...

StudentsBooksCalendarContactsDashboards

Search...

Star

+

?

12

Book

Web Technology

New ContactEditNew Opportunity

RelatedDetails

Book Name

Web Technology

Owner

Balasaheb Hinge

Author Name

ABC

Publisher

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