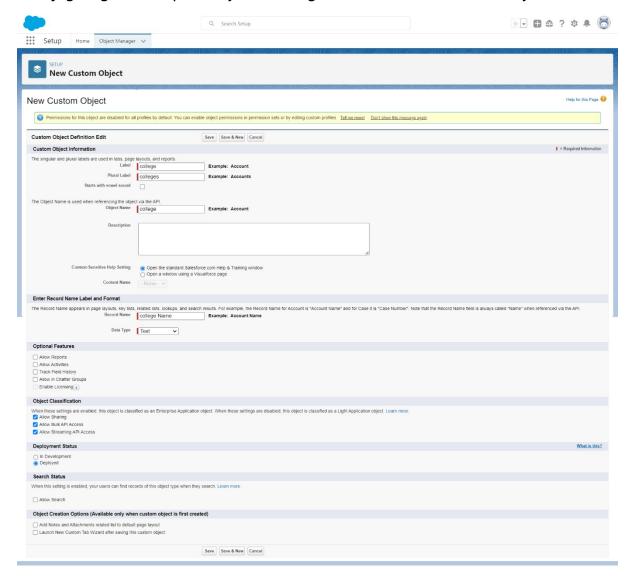
# 1.Create a Master-Detail Relationship between two Custom objects and also create a Roll Up Summary Field to Calculate total number of records.

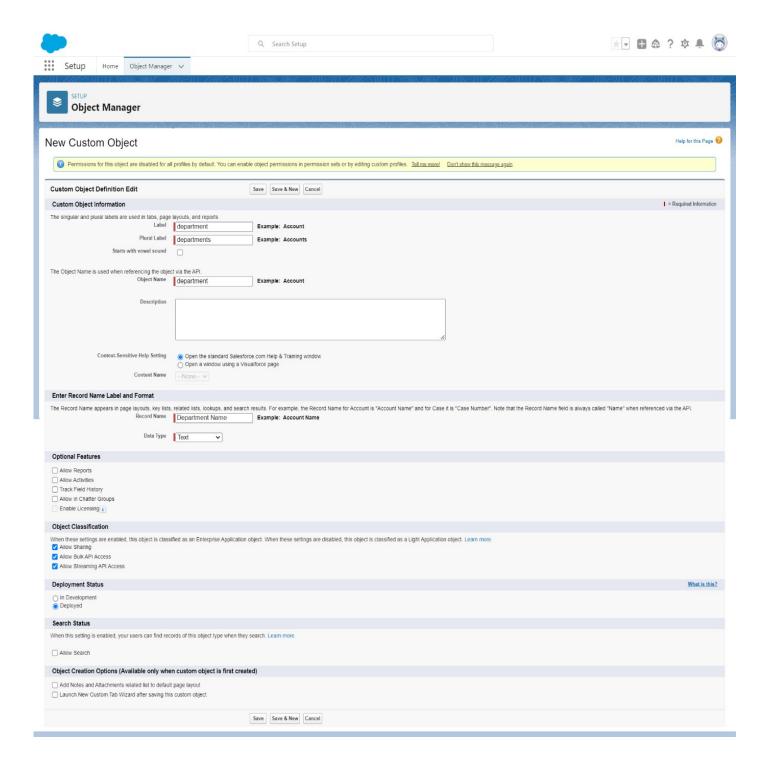
#### **Solution:**

## Step 1: Create Custom Objects

Assuming you have two custom objects, let's call them "College\_C" and "C Department\_C". If you haven't already created these objects, you can do so by going to Setup > Object Manager > Create > Custom Object.



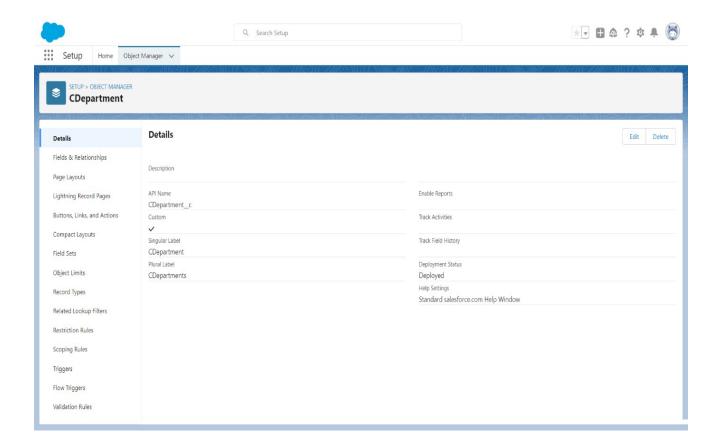
Second custom objects, let's call them "Department\_C"

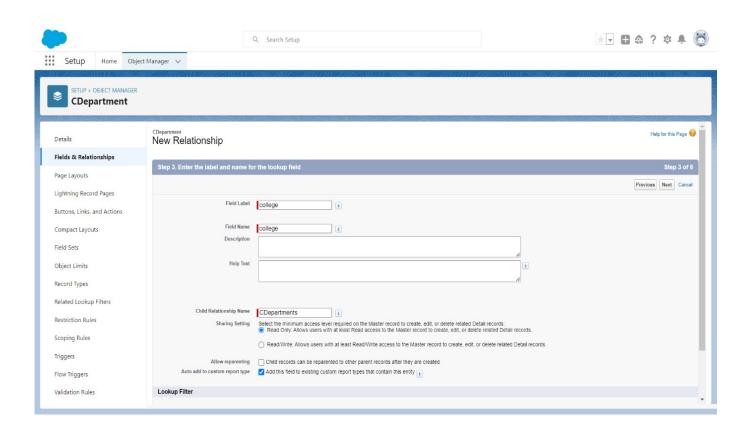


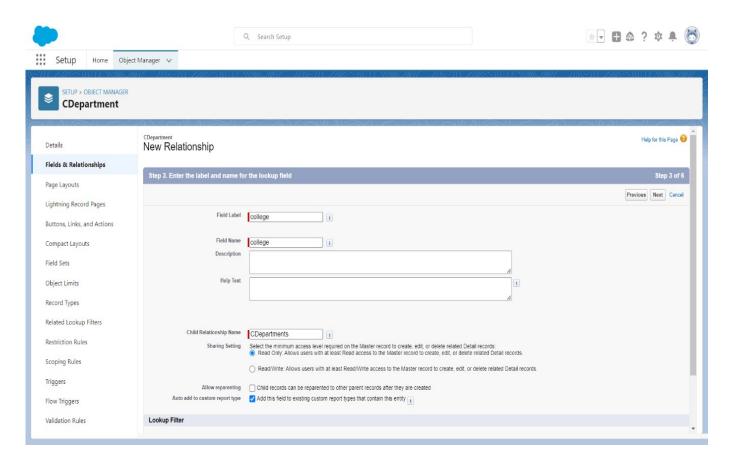
### Step 2: Create a Master-Detail Relationship

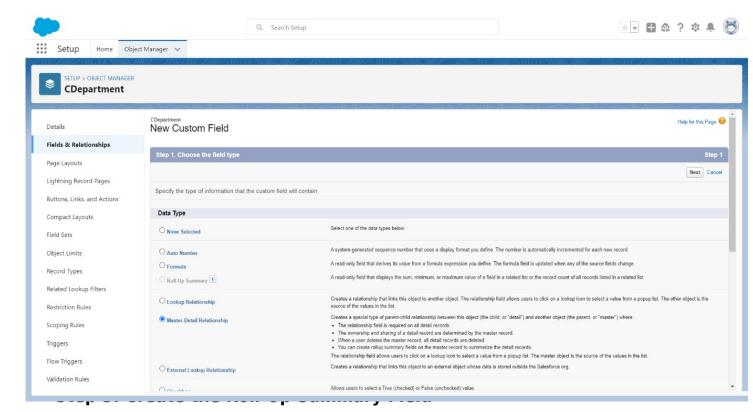
To create a Master-Detail relationship between these two custom objects, follow these steps:

- 1.Go to Setup > Object Manager.
- 2.Click on "College\_c" to open its settings.
- 3.In the left sidebar, click on "Fields & Relationships."
- 4.Click the "New" button to create a new custom field.
- 5. Choose "Master-Detail Relationship" as the data type.
- 6.Enter a label for the relationship, e.g., "Department c."
- 7.Choose " Department c" as the related object.
- 8. Configure other settings as needed and click "Next."
- 9. Specify the field-level security and add it to relevant page layouts.
- 10. Click "Next" and "Save" to create the relationship.



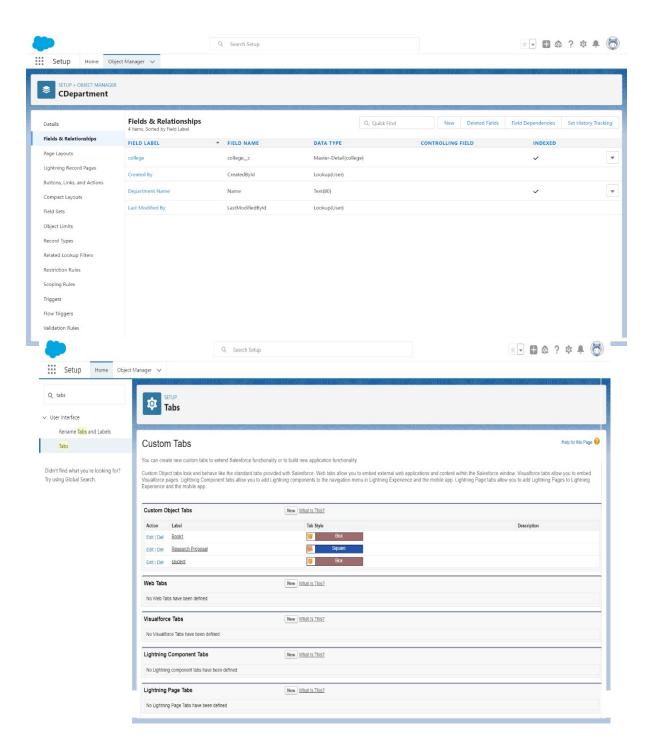


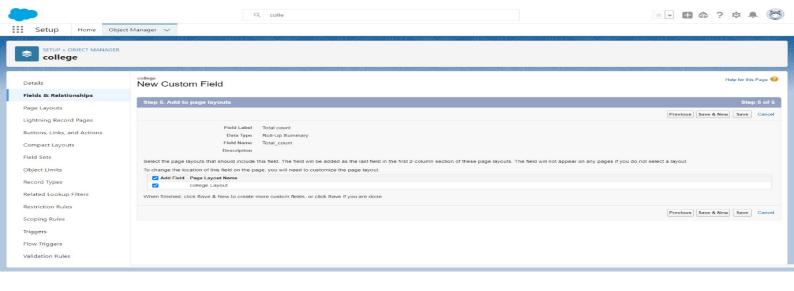


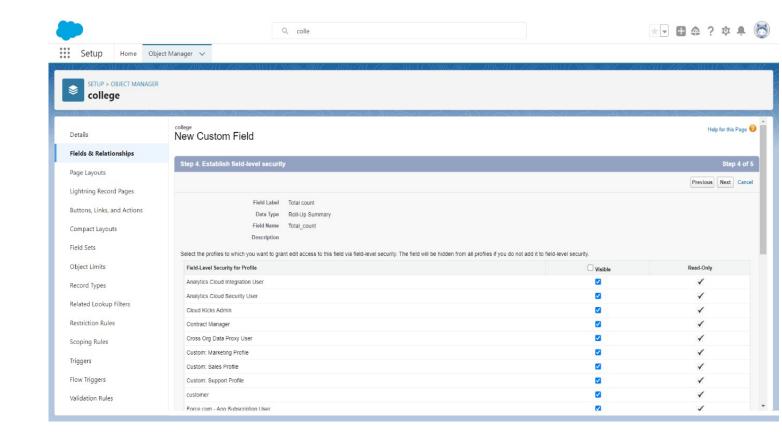


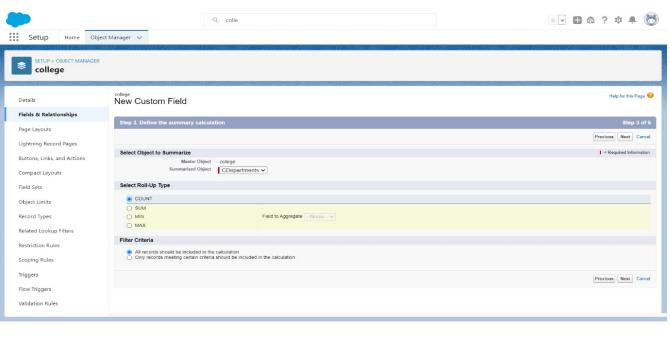
Now, let's create a Roll-Up Summary Field on the "College\_C" to calculate the total number of related records in "Department\_\_C":

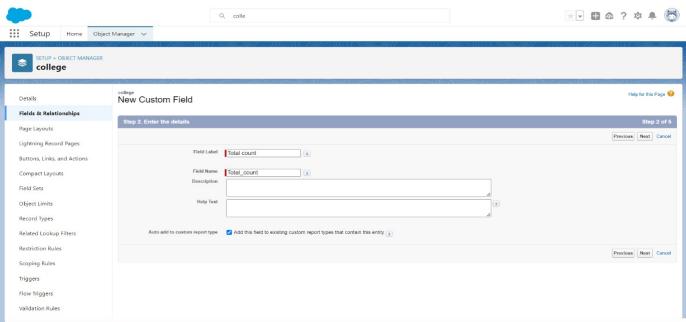
- 1.Still on the "College\_\_c" settings, go to "Fields & Relationships."
- 2.Click the "New" button to create a new custom field.
- 3. Choose "Roll-Up Summary" as the data type.
- 4. Enter a label for the field, e.g.,
- 5. Choose "Count" as the Roll-Up Type.
- 6.Select " Department\_c" as the object to roll up information from.
- 7. Specify the filter criteria if you want to filter the related records.
- 8. Configure other settings as needed and click "Next."
- 9.Specify the field-level security and add it to relevant page layouts.
- 10. Click "Next" and "Save" to create the Roll-Up Summary Field.

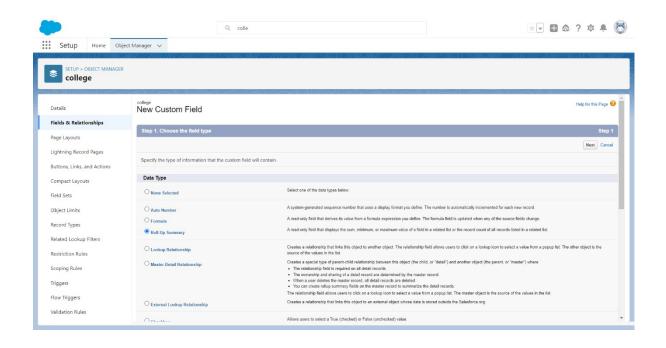


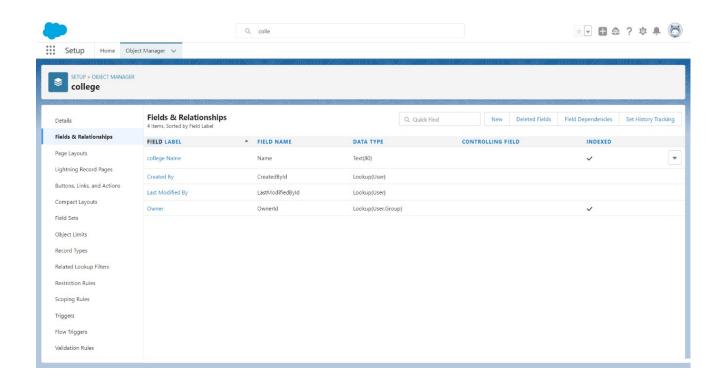






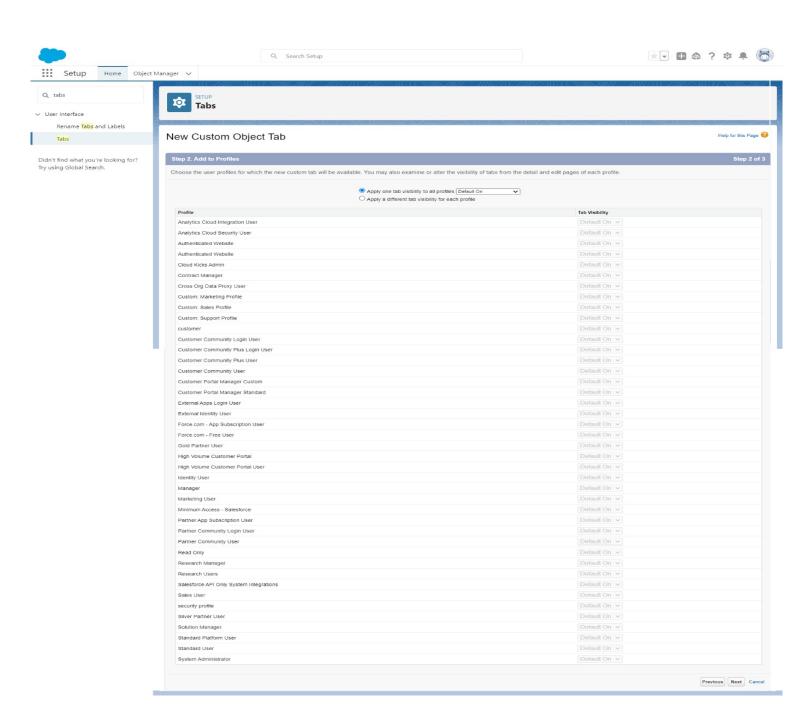


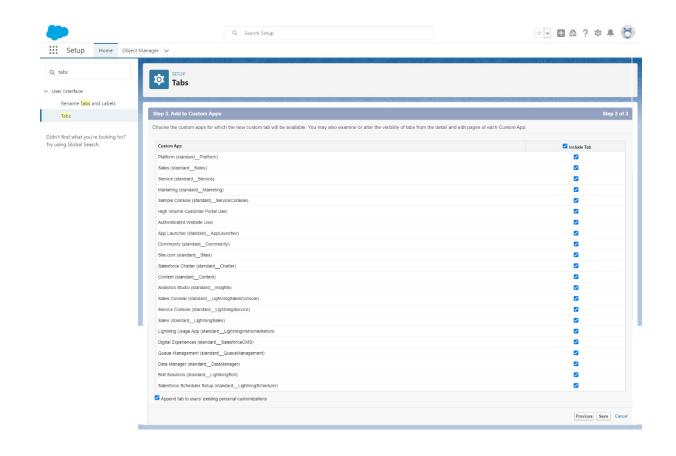


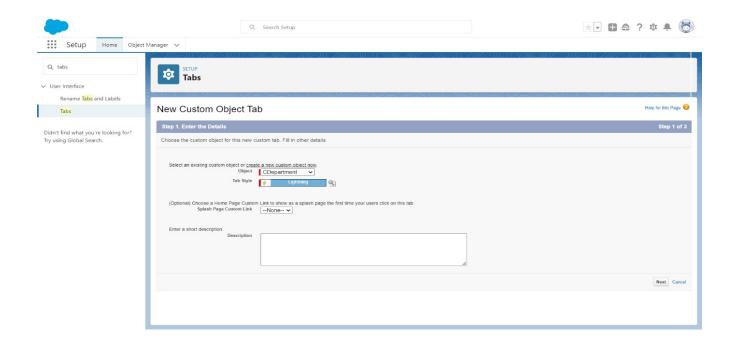


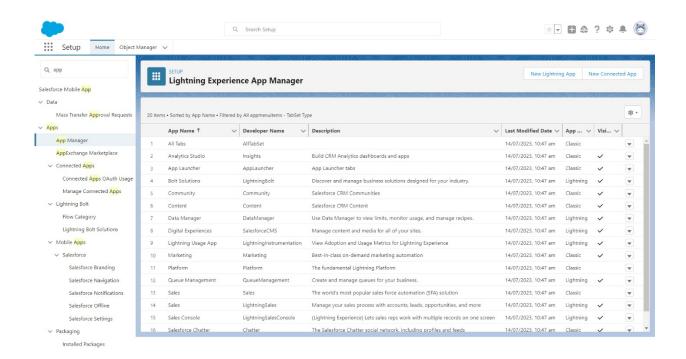
## **Step 4: Create a Lightning App**

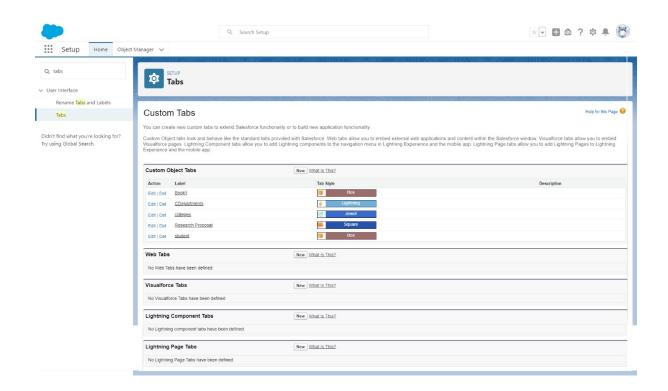
- 1. Type and select "App Manager."
- 2.Click "New Lightning App."
- 3. Fill in basic information (Name, Developer Name, Description).
- 4. Choose the App Type (Standard, Console, Custom).
- **5.Customize the Logo and Colour Scheme.**
- 6.Configure Navigation Items (objects to appear in the app's menu).
- 7. Set the App Visibility (default access).
- 8. Optionally, choose Record Pages (Lightning Record Pages).
- 9. Review and Save the app.
- 10. Assign the app to users or profiles.
- 11. Test the app with the assigned users.

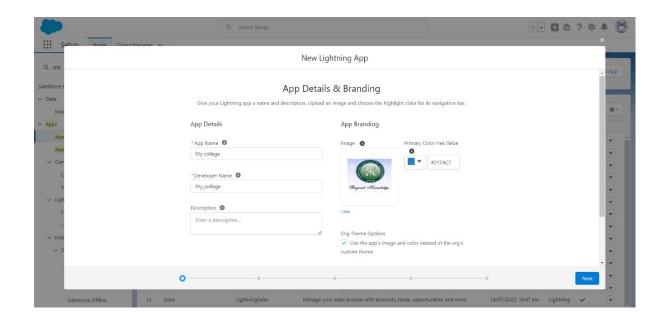






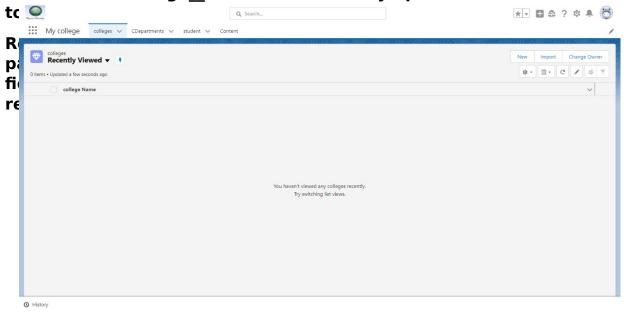


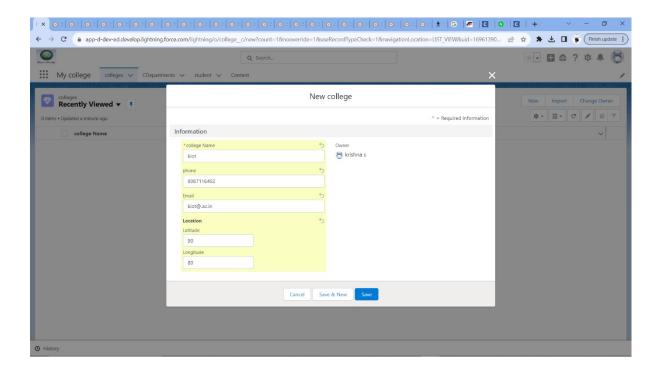


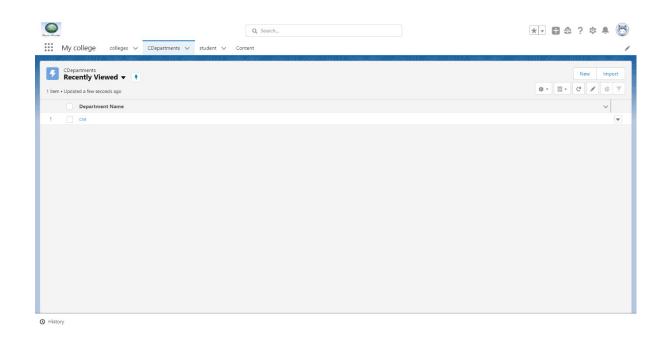


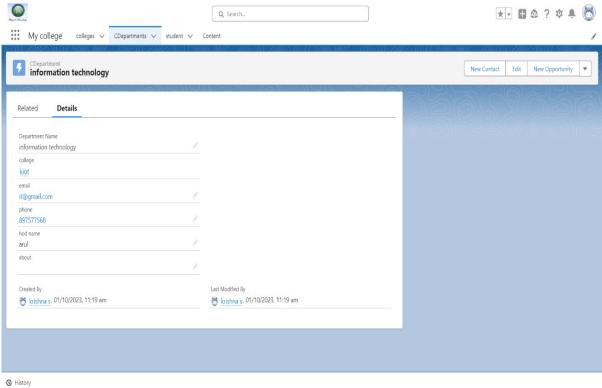
#### **Conclusion:**

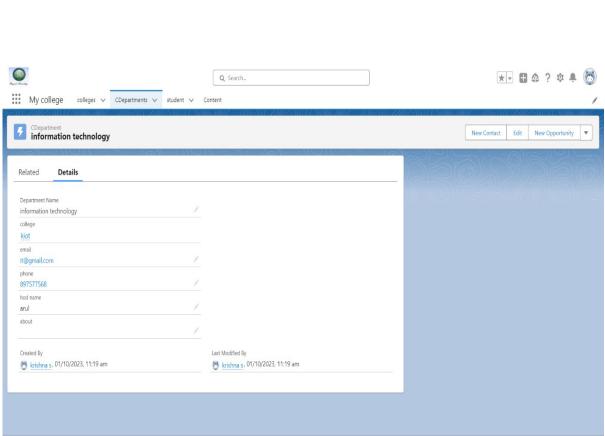
Now, whenever you create or update a record in the "Department\_c" related to a "College\_c," the "TotalCount\_c" field on the "College\_c" will automatically update to show the











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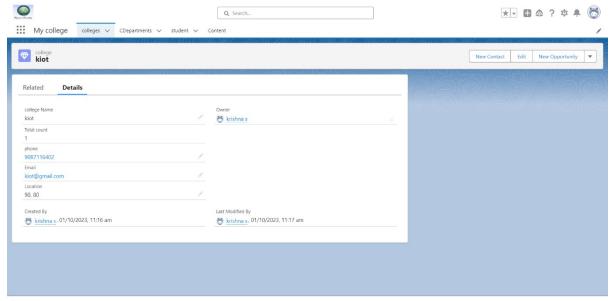
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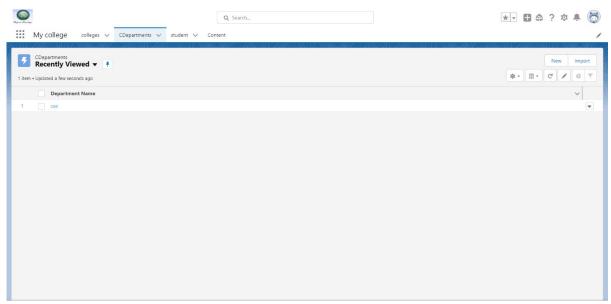
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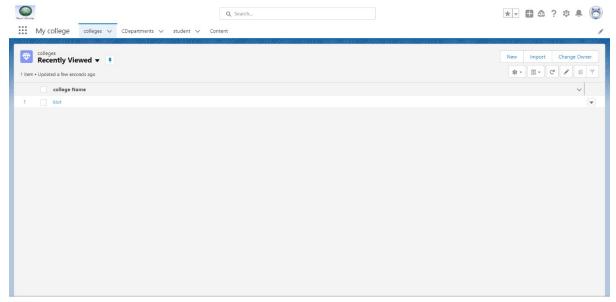
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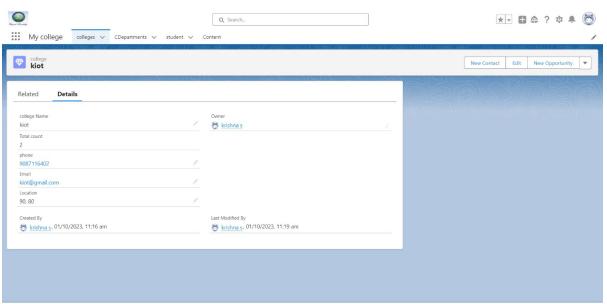
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