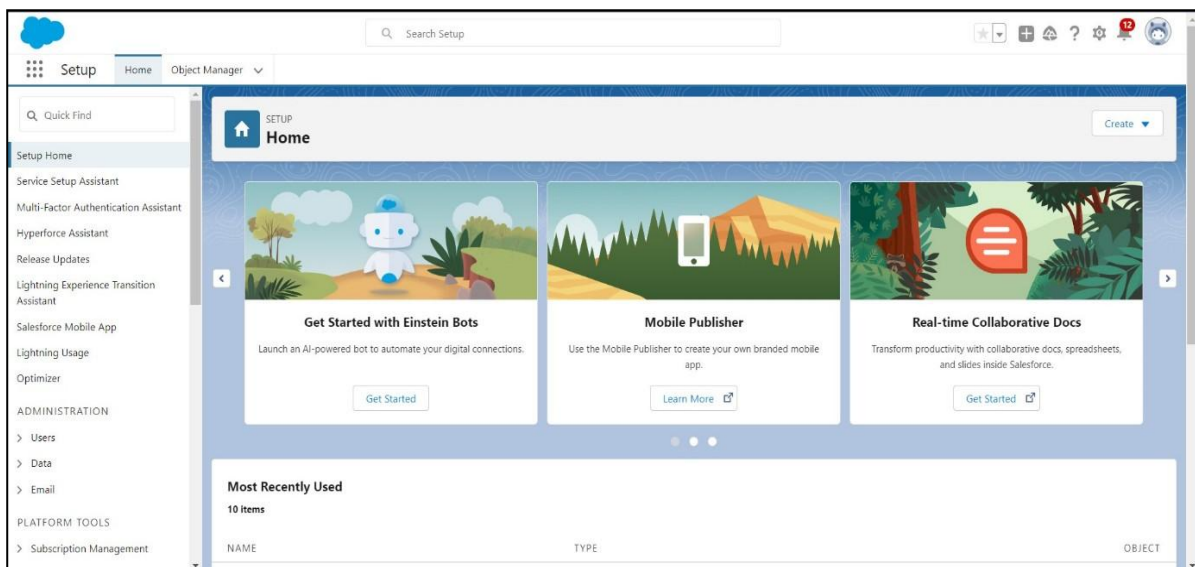


Implementing CRM For Result Tracking Of A Candidate With Internal Marks - (ADMIN)

Project Report

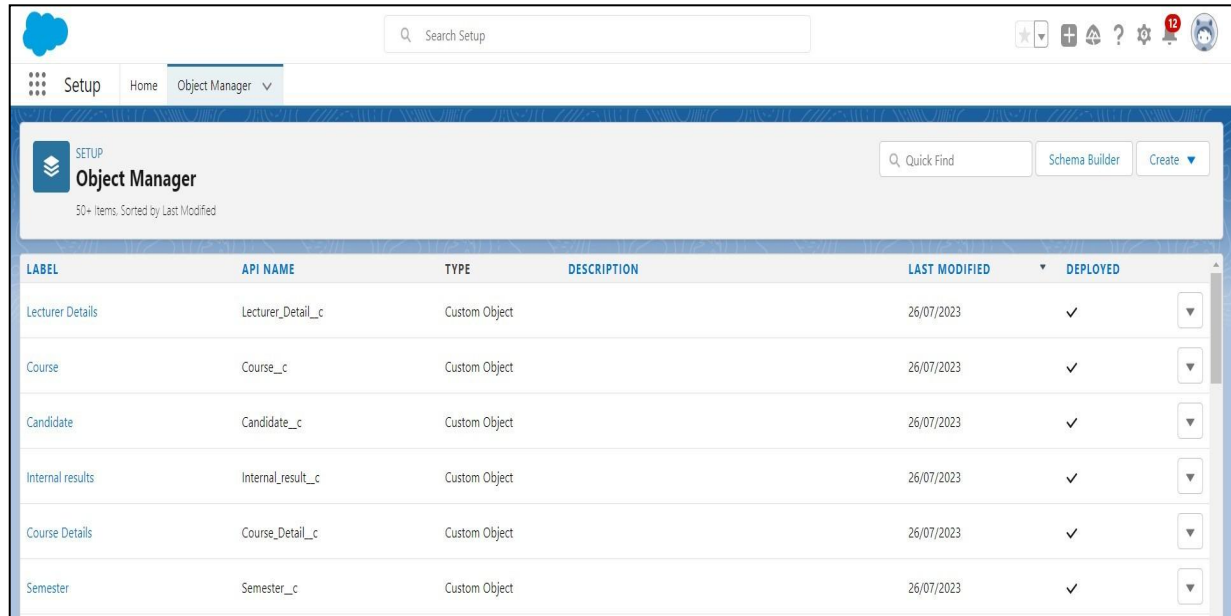
Creating a developer org in salesforce:

- ◆ Go to developers.salesforce.com/signup
- ◆ Click on sign up.
- ◆ On the sign-up form, enter the following details:
- ◆ First name & Last name – Likhitha & Vadamuri
- ◆ Email – vedhamuri.likhitha2002@gmail.com
- ◆ Role: Developer
- ◆ Company: College Name – GAYATRI DEGREE COLLEGE – TIRUPATI
- ◆ County: India
- ◆ Postal Code: pin code – 517501
- ◆ Username: vedhamuri.likhitha2002@gdctirupati.com



Create an Object:

I am creating 5 Objects – Semester, Candidate, Course Details, Lecturer details and Internal results

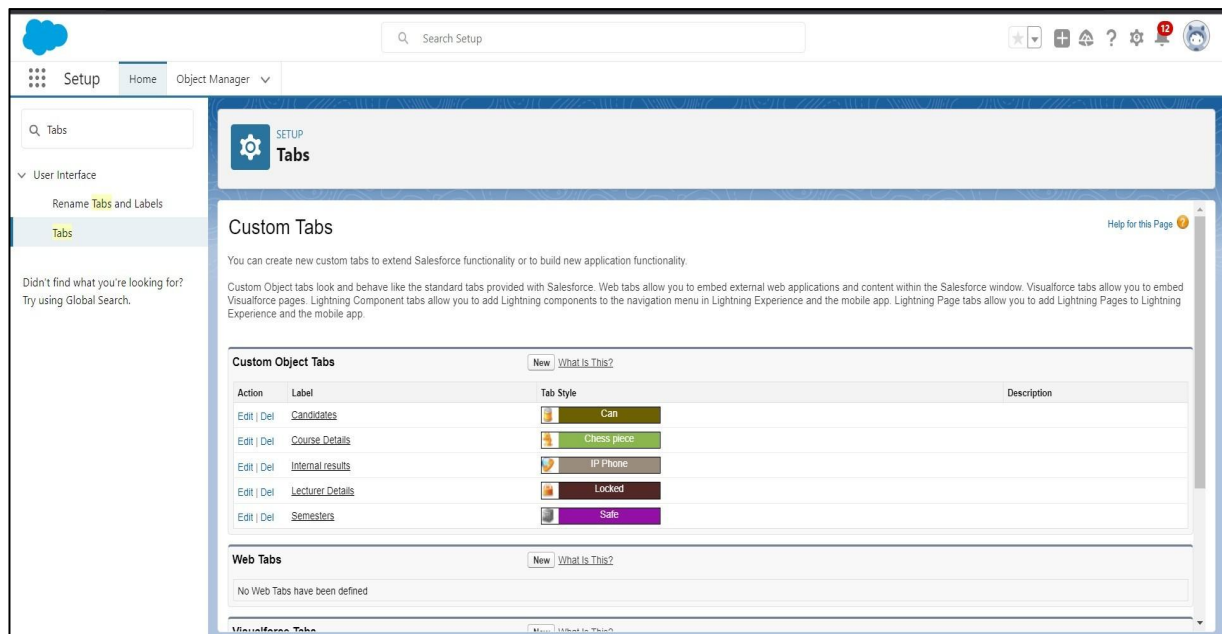


The screenshot shows the Salesforce Setup interface, specifically the Object Manager section. The page title is "Object Manager" with a subtitle "50+ Items, Sorted by Last Modified". A search bar labeled "Quick Find" is present. Below the header is a table listing the custom objects created.

| LABEL | API NAME | TYPE | DESCRIPTION | LAST MODIFIED | DEPLOYED |
|------------------|--------------------|---------------|-------------|---------------|----------|
| Lecturer Details | Lecturer_Detail__c | Custom Object | | 26/07/2023 | ✓ |
| Course | Course__c | Custom Object | | 26/07/2023 | ✓ |
| Candidate | Candidate__c | Custom Object | | 26/07/2023 | ✓ |
| Internal results | Internal_result__c | Custom Object | | 26/07/2023 | ✓ |
| Course Details | Course_Detail__c | Custom Object | | 26/07/2023 | ✓ |
| Semester | Semester__c | Custom Object | | 26/07/2023 | ✓ |

Creating the Following Tabs : .

I am Creating 5 Tabs Semester, Candidate, Course Details, Lecturer Details and Internal results..



The screenshot shows the Salesforce Setup interface, specifically the Tabs section. The page title is "Tabs". The left sidebar shows the navigation menu with "User Interface" expanded and "Tabs" selected. The main content area is titled "Custom Tabs" and contains a table of custom object tabs.

Custom Object Tabs

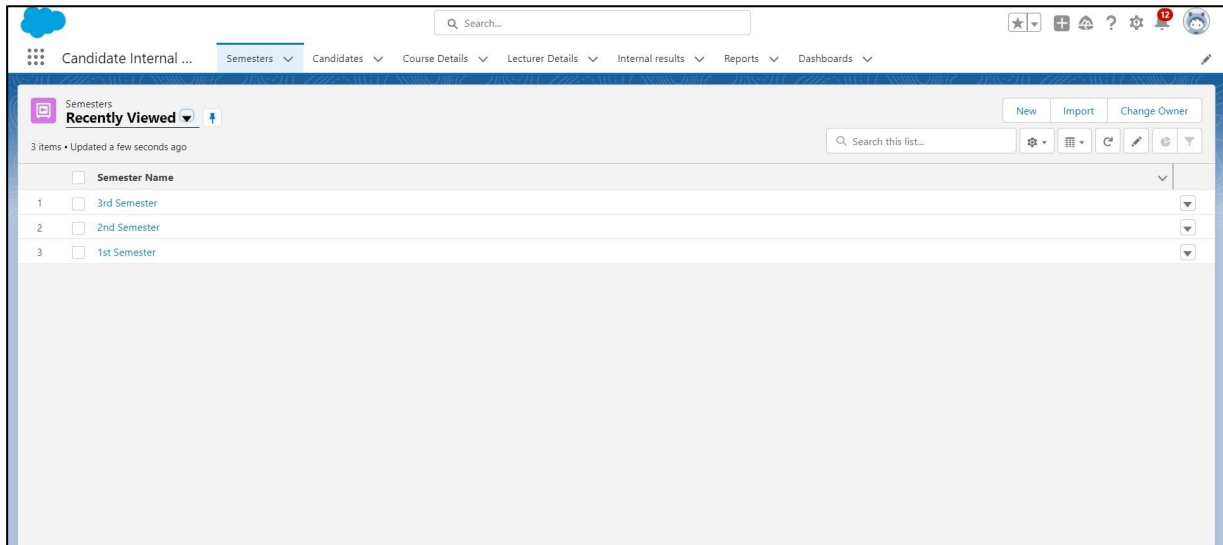
| Action | Label | Tab Style | Description |
|--|----------------------------------|-------------|-------------|
| Edit Del | Candidates | Can | |
| Edit Del | Course Details | Chess piece | |
| Edit Del | Internal results | IP Phone | |
| Edit Del | Lecturer Details | Locked | |
| Edit Del | Semesters | Safe | |

Web Tabs

No Web Tabs have been defined

Create The Candidate Internal Result Card App:

Creating Candidate Internal Result app in App Manager.



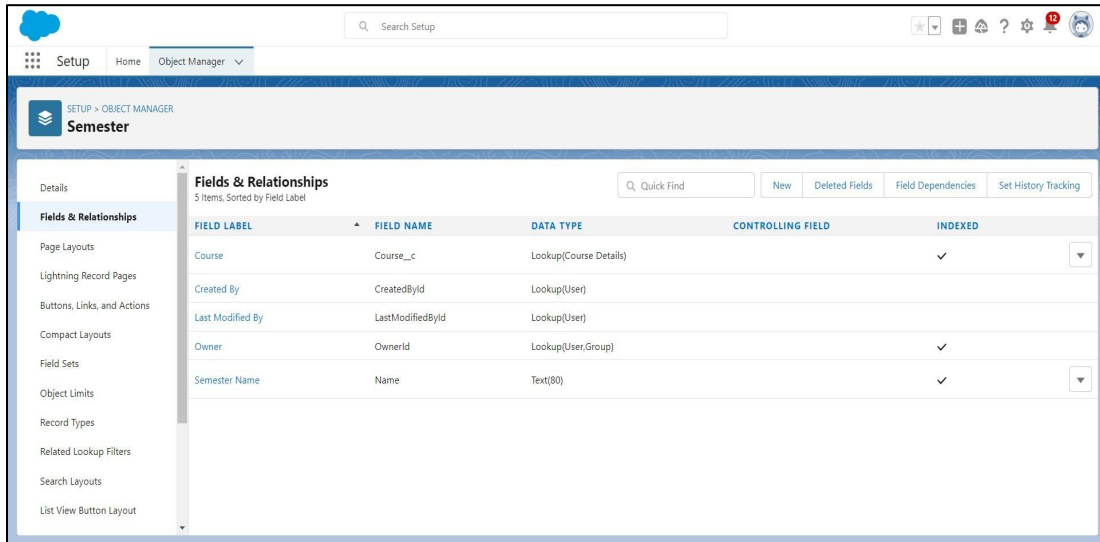
Creating Fields in Object:

Fields - Fields store data values that are required for a particular object in a record.

I am Creating Fields in 5 Objects - Semester, Candidate, Course Details, Lecturer Details and Internal results.

- ◆ Click the gear icon and select Setup. This launches Setup in a new tab.
- ◆ Click the Object Manager tab next to Home.
- ◆ Select Lecturer Details
- ◆ Select Fields & Relationships from the left navigation
- ◆ Click New
- ◆ Select the Text as the Data Type, click next.
- ◆ For Field Label, enter Lecturer Role
- ◆ Enter Length 40
- ◆ Click Next, Next, then Save & New.
- ◆ Like this Steps we Created Some Fields in Object Manager.

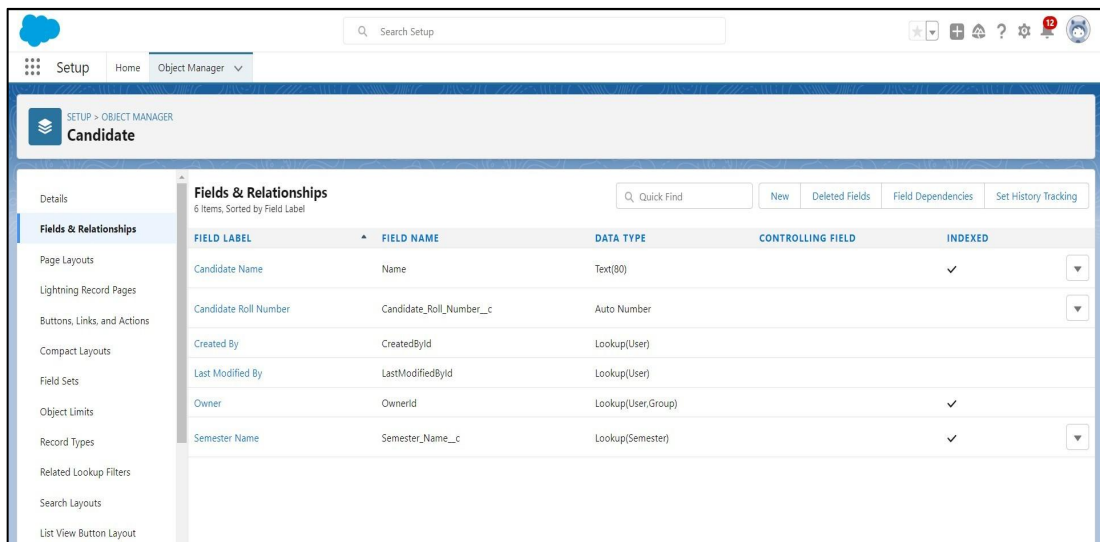
| | | |
|----------|---------------|------------------------|
| Semester | Semester Name | Text(Standard field) |
| | Course | Lookup(Course Details) |



The screenshot shows the Salesforce Setup interface for the 'Semester' 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, Record Types, Related Lookup Filters, Search Layouts, and List View Button Layout. The main content area is titled 'Fields & Relationships' and shows 5 items sorted by Field Label. The table below represents the data shown in the screenshot.

| FIELD LABEL | FIELD NAME | DATA TYPE | CONTROLLING FIELD | INDEXED |
|------------------|------------------|------------------------|-------------------|---------|
| Course | Course__c | Lookup(Course Details) | | ✓ |
| Created By | CreatedById | Lookup(User) | | |
| Last Modified By | LastModifiedById | Lookup(User) | | |
| Owner | OwnerId | Lookup(User,Group) | | ✓ |
| Semester Name | Name | Text(80) | | ✓ |

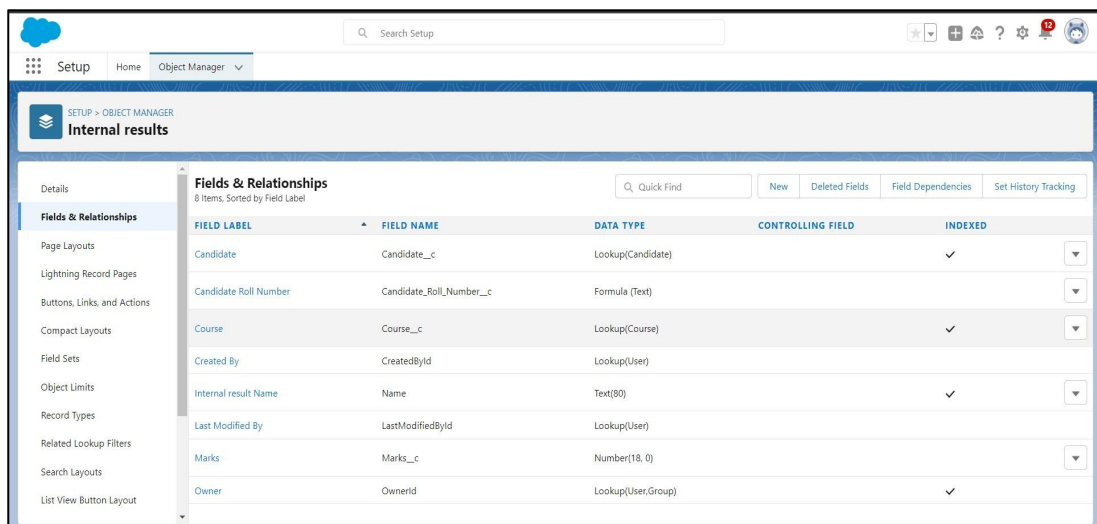
| | | |
|-----------|-----------------------|----------------------|
| Candidate | Candidate Name | Text(Standard field) |
| | Candidate Roll Number | Auto Number |
| | Semester Name | Look up (Semester) |



The screenshot shows the Salesforce Setup interface for the 'Candidate' 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, Record Types, Related Lookup Filters, Search Layouts, and List View Button Layout. The main content area is titled 'Fields & Relationships' and shows 6 items sorted by Field Label. The table below represents the data shown in the screenshot.

| FIELD LABEL | FIELD NAME | DATA TYPE | CONTROLLING FIELD | INDEXED |
|-----------------------|--------------------------|--------------------|-------------------|---------|
| Candidate Name | Name | Text(80) | | ✓ |
| Candidate Roll Number | Candidate_Roll_Number__c | Auto Number | | |
| Created By | CreatedById | Lookup(User) | | |
| Last Modified By | LastModifiedById | Lookup(User) | | |
| Owner | OwnerId | Lookup(User,Group) | | ✓ |
| Semester Name | Semester_Name__c | Lookup(Semester) | | ✓ |

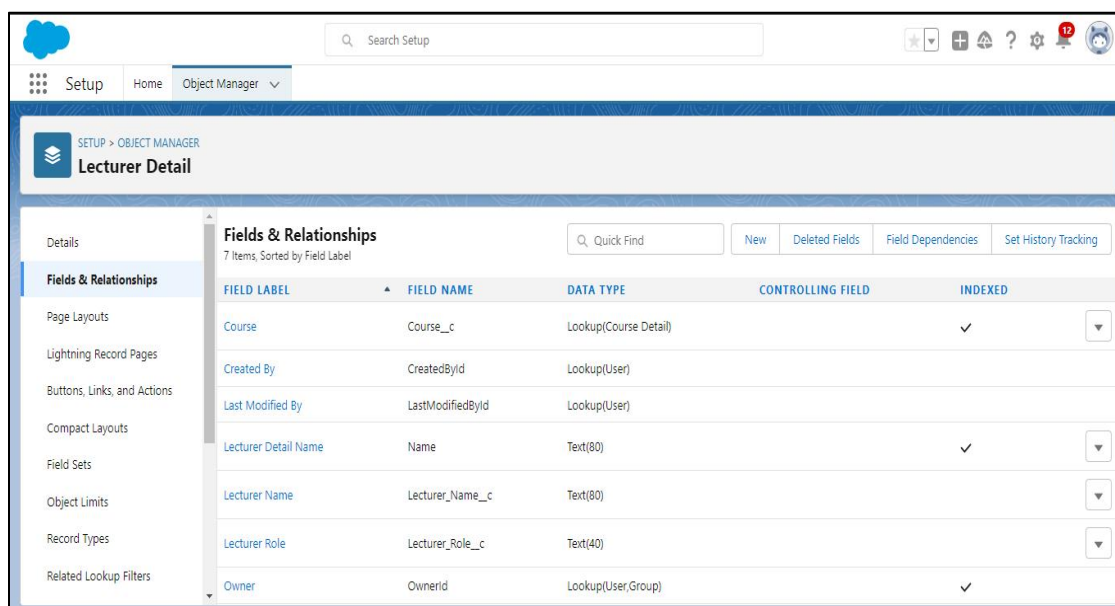
| | | |
|------------------|-----------------------|-------------------|
| Internal results | Candidate | Lookup(Candidate) |
| | Candidate Roll Number | Formula |
| | Course | Lookup(Course) |
| | Marks | Number |



The screenshot shows the Salesforce Setup interface for the 'Internal results' object. The left sidebar contains a navigation menu with options like 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, and List View Button Layout. The main content area is titled 'Internal results' and shows a table of fields and relationships. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are Candidate, Candidate Roll Number, Course, Created By, Internal result Name, Last Modified By, Marks, and Owner.

| FIELD LABEL | FIELD NAME | DATA TYPE | CONTROLLING FIELD | INDEXED |
|-----------------------|--------------------------|--------------------|-------------------|---------|
| Candidate | Candidate__c | Lookup(Candidate) | | ✓ |
| Candidate Roll Number | Candidate_Roll_Number__c | Formula (Text) | | |
| Course | Course__c | Lookup(Course) | | ✓ |
| Created By | CreatedById | Lookup(User) | | |
| Internal result Name | Name | Text(80) | | ✓ |
| Last Modified By | LastModifiedById | Lookup(User) | | |
| Marks | Marks__c | Number(18, 0) | | |
| Owner | OwnerId | Lookup(User:Group) | | ✓ |

| | | |
|------------------|---------------|----------------------|
| Lecturer Details | Lecturer Name | Text(Standard field) |
| | Lecturer Role | Text |
| | Course | Lookup(Course) |



The screenshot shows the Salesforce Setup interface for the 'Lecturer Detail' object. The left sidebar contains a navigation menu with options like 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, and List View Button Layout. The main content area is titled 'Lecturer Detail' and shows a table of fields and relationships. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are Course, Created By, Last Modified By, Lecturer Detail Name, Lecturer Name, Lecturer Role, and Owner.

| FIELD LABEL | FIELD NAME | DATA TYPE | CONTROLLING FIELD | INDEXED |
|----------------------|------------------|-----------------------|-------------------|---------|
| Course | Course__c | Lookup(Course Detail) | | ✓ |
| Created By | CreatedById | Lookup(User) | | |
| Last Modified By | LastModifiedById | Lookup(User) | | |
| Lecturer Detail Name | Name | Text(80) | | ✓ |
| Lecturer Name | Lecturer_Name__c | Text(80) | | |
| Lecturer Role | Lecturer_Role__c | Text(40) | | |
| Owner | OwnerId | Lookup(User:Group) | | ✓ |

| | | |
|----------------|------------------|----------------------|
| Course Details | Course Name | Text(Standard field) |
| | Duration (Years) | Number |

The screenshot shows the Salesforce Setup interface, specifically the 'Object Manager' section for 'Course Detail'. The 'Fields & Relationships' tab is selected, displaying a list of 6 fields sorted by label. The fields are: Course Detail Name (Text(80), indexed), Course Name (Text(80)), Created By (Lookup(User)), Duration (Number(18, 0)), Last Modified By (Lookup(User)), and Owner (Lookup(User, Group), indexed).

| FIELD LABEL | FIELD NAME | DATA TYPE | CONTROLLING FIELD | INDEXED |
|--------------------|------------------|---------------------|-------------------|---------|
| Course Detail Name | Name | Text(80) | | ✓ |
| Course Name | Course_Name__c | Text(80) | | |
| Created By | CreatedById | Lookup(User) | | |
| Duration | Duration__c | Number(18, 0) | | |
| Last Modified By | LastModifiedById | Lookup(User) | | |
| Owner | OwnerId | Lookup(User, Group) | | ✓ |

Creating New User:

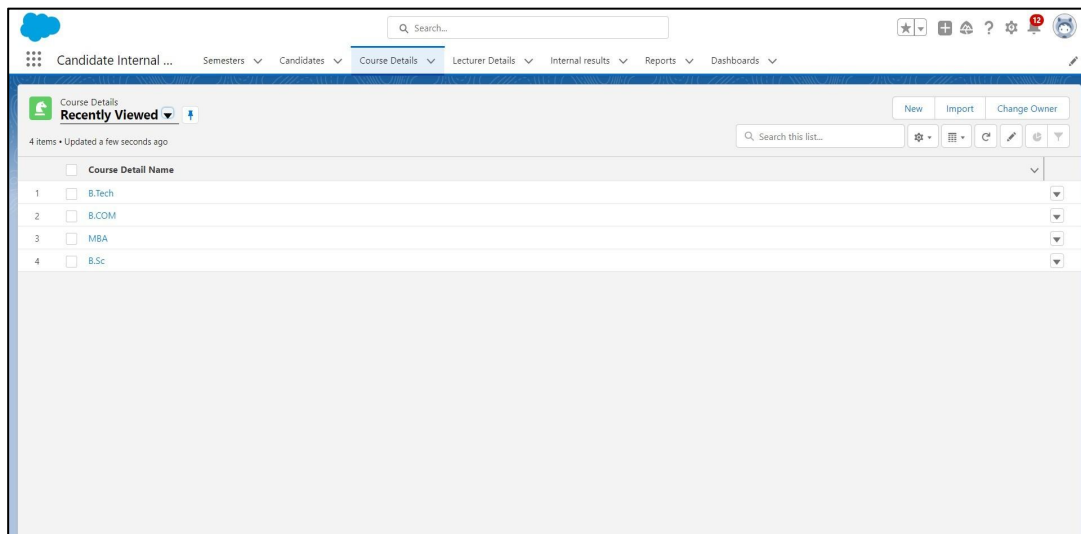
- ◆ First Name : Class
- ◆ Last Name : Teacher
- ◆ Email Address : ylikhi@gmail.com
- ◆ Unique Username : likhi@veda.com

The screenshot shows the Salesforce Setup interface, specifically the 'Users' section. The 'Class Teacher' user is selected, and the 'User Detail' tab is active. The user's information is displayed in a table format.

| Field | Value | Field | Value |
|-------------------------------------|--|--------------------------------------|--------------------------|
| Name | Class Teacher | Role | Salesforce |
| Alias | ctcacc | User License | Standard User |
| Email | ylikhi@gmail.com | Profile | Standard User |
| Username | likhi@veda.com | Active | ✓ |
| Nickname | User16903680102195906161 | Marketing User | <input type="checkbox"/> |
| Title | | Offline User | <input type="checkbox"/> |
| Company | | Knowledge User | <input type="checkbox"/> |
| Department | | Flow User | <input type="checkbox"/> |
| Division | | Service Cloud User | <input type="checkbox"/> |
| Address | | Site.com Contributor User | <input type="checkbox"/> |
| Time Zone | (GMT+05:30) India Standard Time (Asia/Kolkata) | Site.com Publisher User | <input type="checkbox"/> |
| Locale | English (India) | WDC User | <input type="checkbox"/> |
| Language | English | Mobile Push Registrations | <input type="checkbox"/> |
| Delegated Approver | | Data.com User Type | <input type="checkbox"/> |
| Manager | | Accessibility Mode (Classic Only) | <input type="checkbox"/> |
| Receive Approval Request Emails | Only if I am an approver | Debug Mode | <input type="checkbox"/> |
| Federation ID | | High-Contrast Palette on Charts | <input type="checkbox"/> |
| App Registration: One-Time Password | <input type="checkbox"/> | Load Lightning Pages While Scrolling | <input type="checkbox"/> |

Create Records in Candidate Internal Result Card App :

I am creating some record in all fields.



Creating Report in Candidate Result card App :

- ◆ Click App Launcher
- ◆ Select Candidate Internal Result Card App
- ◆ Click reports tab
- ◆ Click New Report.
- ◆ Click the report type as Semesters with Course Click Start report.
- ◆ Customize your report, in group rows select - Course Name, in group columnSelect Duration (In this way we are making a Matrix Report).
- ◆ Click refresh
- ◆ Click save and run
- ◆ Give report name – Candidate Internal Result Report
- ◆ Click Save

Report: Semesters with Course
Candidate Internal Result Report

Total Records: 6

| Course: Course Name | Course: Duration | 2 | 3 | 4 | Total |
|---------------------------------|------------------|---|---|---|-------|
| <input type="checkbox"/> B.COM | Record Count | 0 | 1 | 0 | 1 |
| <input type="checkbox"/> B.Sc | Record Count | 0 | 2 | 0 | 2 |
| <input type="checkbox"/> B.Tech | Record Count | 0 | 0 | 2 | 2 |
| <input type="checkbox"/> MBA | Record Count | 1 | 0 | 0 | 1 |
| Total | Record Count | 1 | 3 | 2 | 6 |

Details (6 Rows) Click an intersection in the table above to filter details.

| Semester: Owner Name | Semester: Semester Name | Duration |
|----------------------|-------------------------|---------------|
| 1 LIKHITHA VEDAMURI | 5th Semester | Large Course |
| 2 LIKHITHA VEDAMURI | 6th Semester | Large Course |
| 3 LIKHITHA VEDAMURI | 3rd Semester | Large Course |
| 4 LIKHITHA VEDAMURI | 4th Semester | Large Course |
| 5 LIKHITHA VEDAMURI | 1st Semester | Large Course |
| 6 LIKHITHA VEDAMURI | 2nd Semester | Medium Course |

Row Counts: ☐ Detail Rows: ☒ Grand Total: ☒ Stacked Summaries: ☒

Create Dashboard :

- ◆ Click on Dashboards tab from the Candidate Internal Result Card application.
- ◆ Click on new dashboard.
- ◆ Give name- Candidate Internal Result Card
- ◆ Click create
- ◆ Give your dashboard a name and click on +component
- ◆ Select the Candidate Internal Result Report which you created
- ◆ For the data visualization select any of the chart, table etc. as per your choice/requirement.
- ◆ Click add.
- ◆ Click save.

