
PROJECT REPORT

ON

**Implementing CRM For Result Tracking of a Candidate
with Internal Marks - (DEV)**

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IMPLEMENTING CRM FOR RESULT TRACKING OF A CANDIDATE WITH INTERNAL MARKS

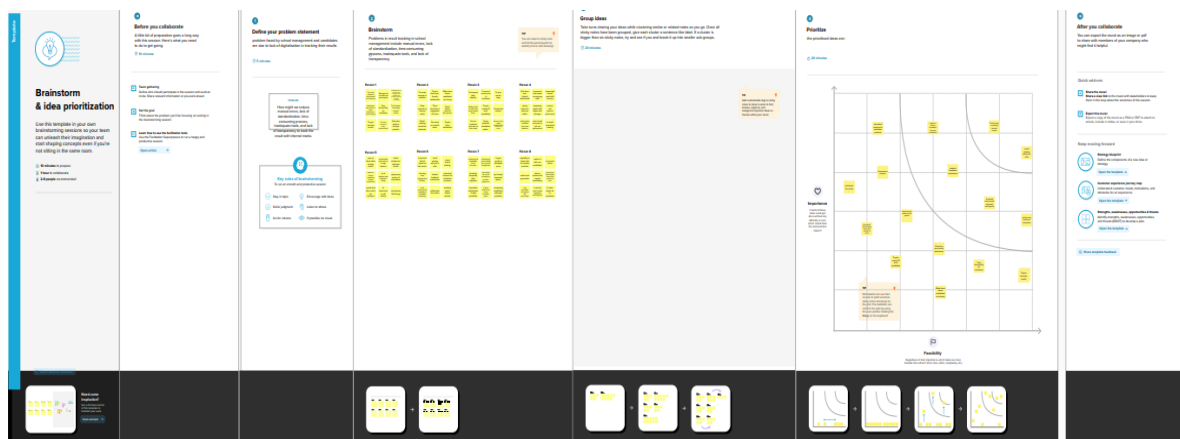
1 INTRODUCTION

1.1 Overview

Candidate Result Tracking is a salesforce software designed to assist educational institutions in managing their students' results. The software streamlines the entire result management process, from creating exam schedules to publishing results. It enables the efficient handling of large volumes of student data, including personal information, enrolment details, and academic performance.

1.2 Purpose

The purpose of this software is to provide data backup in case of unforeseen circumstances, protect data from unauthorized access and cyber-attacks, ensure data retention, control data access, classify data, and comply with all legal procedures.

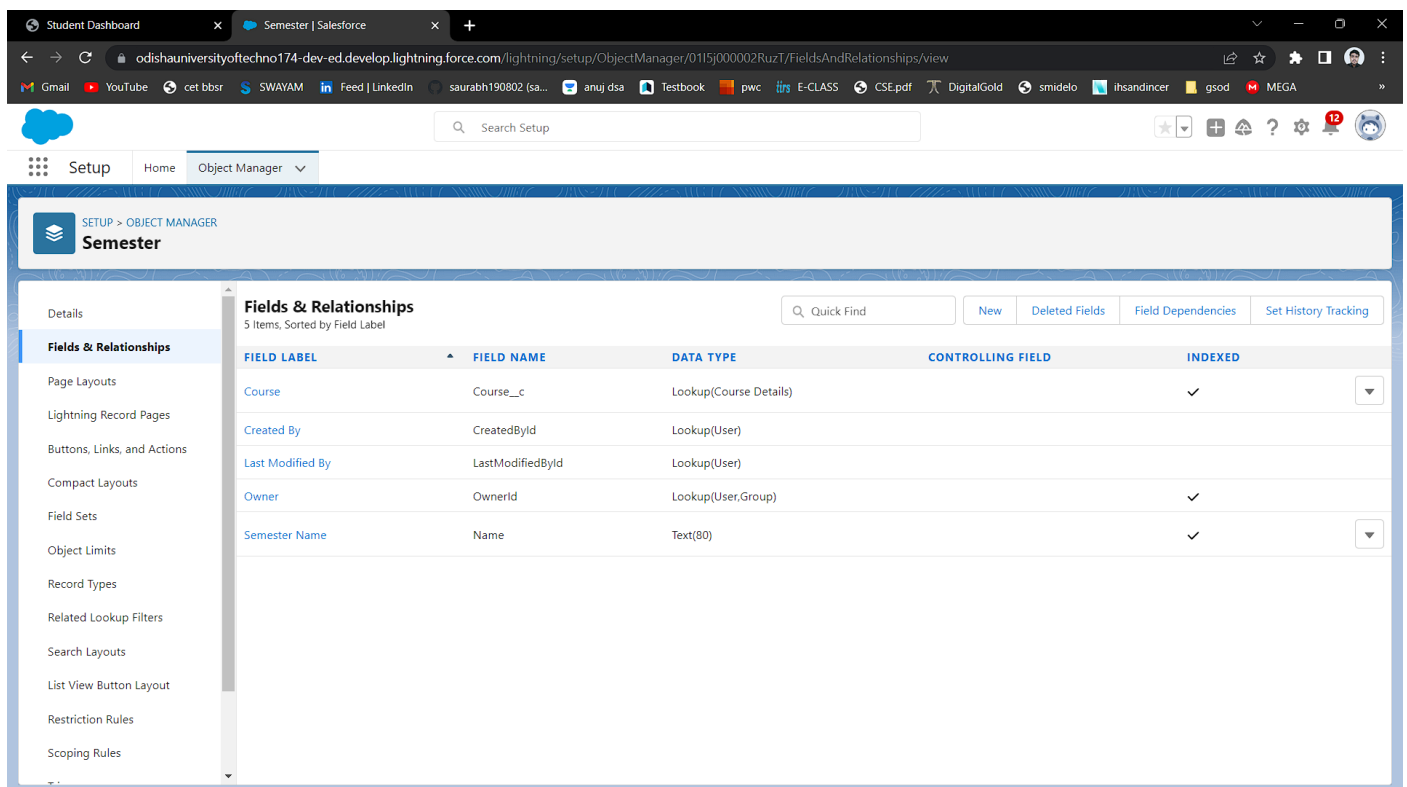


3 RESULTS

3.1 Data Model:

Object Name	Field Name	Data type
Semester	Semester Name	<u>Text</u> (Standard field)
	Course	<u>Lookup</u> (Course Details)
Candidate	Candidate Name	<u>Text</u> (Standard field)
	Candidate Roll Number	Auto Number
	Semester Name	<u>Lookup</u> (Semester)
Lecturer Details	Lecturer Name	<u>Text</u> (Standard field)
	Lecturer Role	Text
	Course	<u>Lookup</u> (Course)
Course Details	Course Name	<u>Text</u> (Standard field)
	Duration (Years)	Number
Internal results	Candidate	Lookup (candidate)
	Candidate Roll Number	Formula
	Course	<u>Lookup</u> (Course)
	Marks	Number

3.2 Activity & Screenshot:



The screenshot displays the Salesforce Object Manager interface for the 'Semester' object. The 'Fields & Relationships' section is active, showing a list of 5 fields. The fields are as follows:

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)		✓

All the fields for the Semester object are created.

Student Dashboard | Candidate | Salesforce

odishauniversityoftechno174-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/015j000002Ruzx/FieldsAndRelationships/view

Search Setup

Setup | Home | Object Manager

SETUP > OBJECT MANAGER
Candidate

Details

Fields & Relationships
6 Items, Sorted by Field Label

Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

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	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Semester Name	Semester_Name__c	Lookup(Semester)		✓

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout
Restriction Rules
Scoping Rules

All the fields for Candidate Object are created.

Student Dashboard | Course Details | Salesforce

odishauniversityoftechno174-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/015j000002Rv1s/FieldsAndRelationships/view

Search Setup

Setup | Home | Object Manager

SETUP > OBJECT MANAGER
Course Details

Details

Fields & Relationships
5 Items, Sorted by Field Label

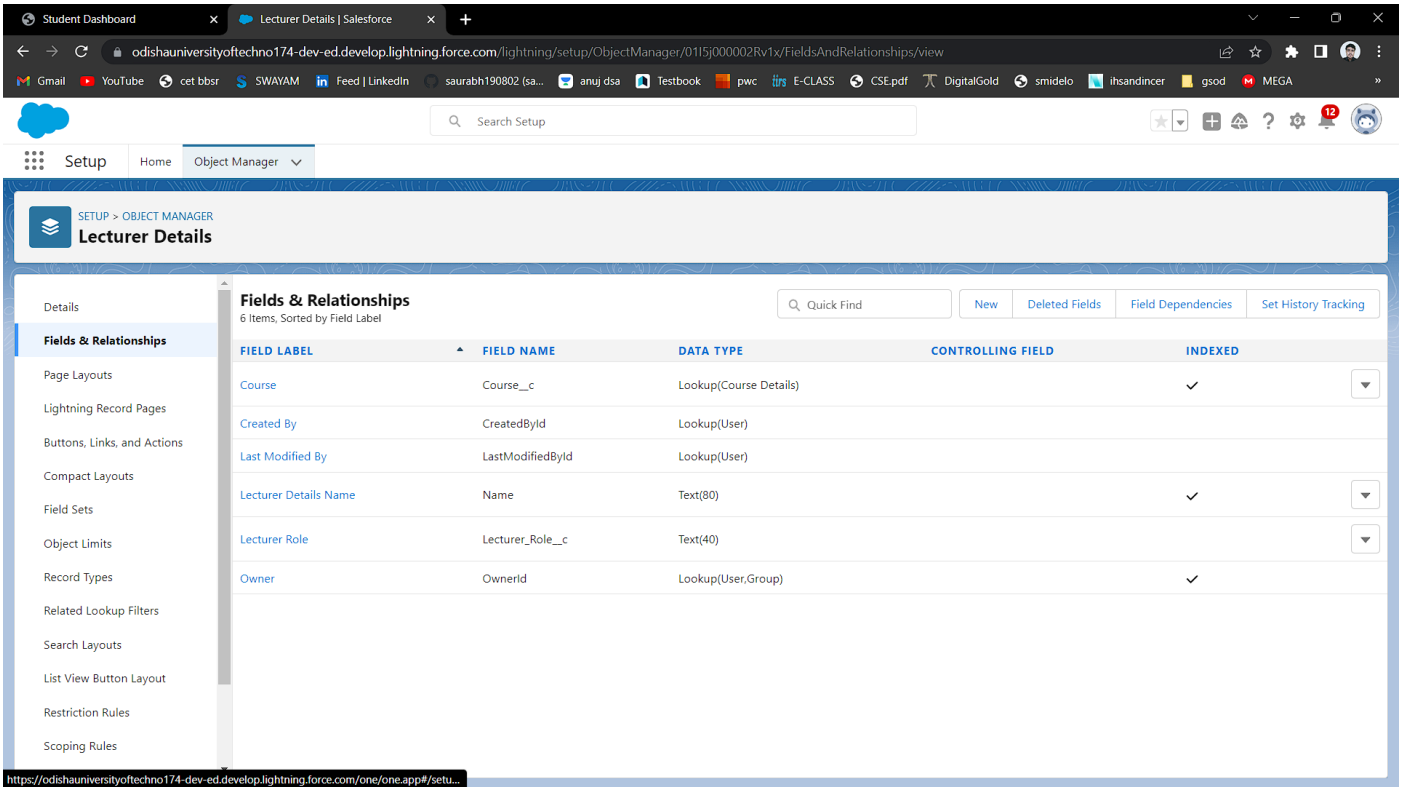
Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course Details Name	Name	Text(80)		✓
Created By	CreatedBy	Lookup(User)		
Duration	Duration__c	Number(18, 0)		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

Page Layouts
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https://odishauniversityoftechno174-dev-ed.develop.lightning.force.com/one/one.app#/setup/ObjectManager/015j000002Rv1s/FieldsAndRelationships/view

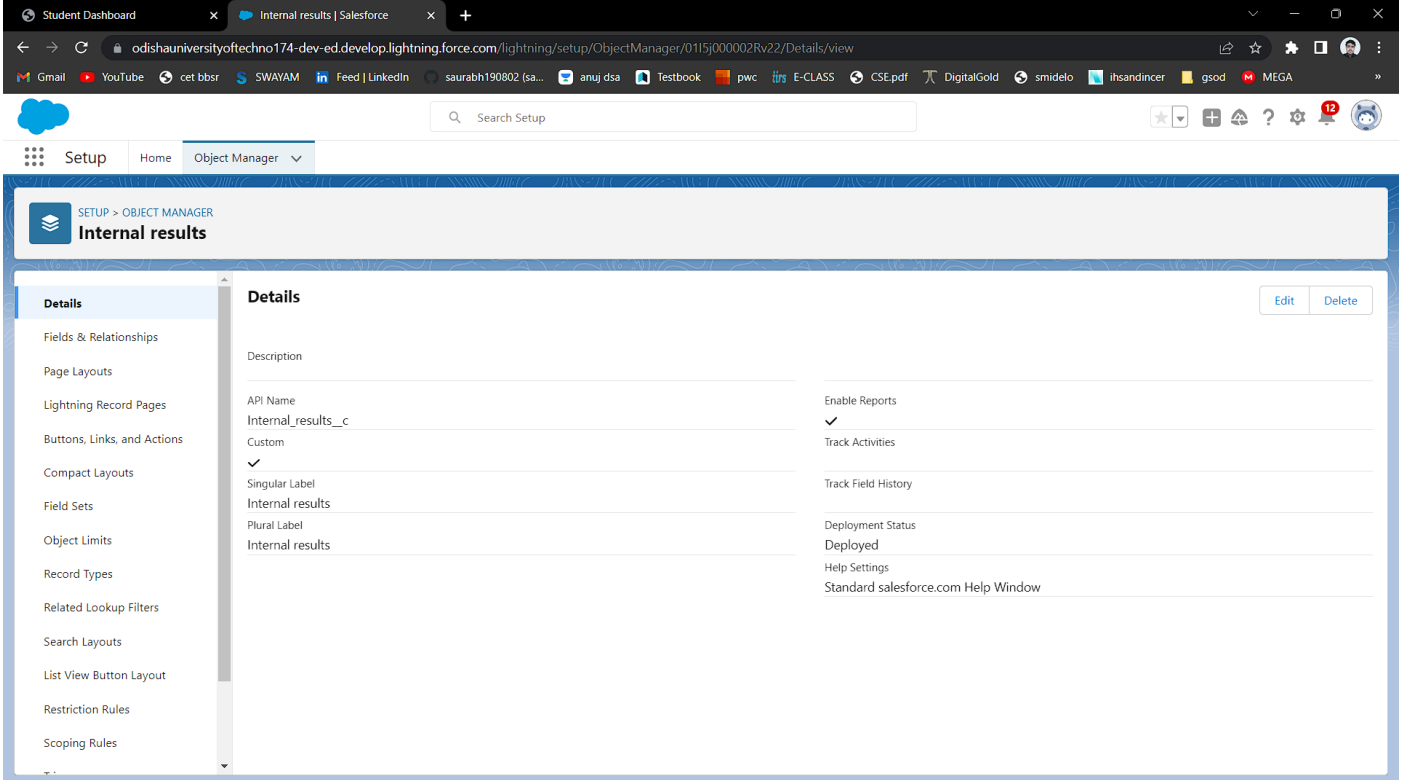
All the fields for Course Details Object are created.



The screenshot shows the Salesforce Object Manager interface for the 'Lecturer Details' object. The left sidebar lists various configuration options, with 'Fields & Relationships' selected. The main area displays a table of fields and their relationships.

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)		
Lecturer Details Name	Name	Text(80)		✓
Lecturer Role	Lecturer_Role__c	Text(40)		
Owner	OwnerId	Lookup(User,Group)		✓

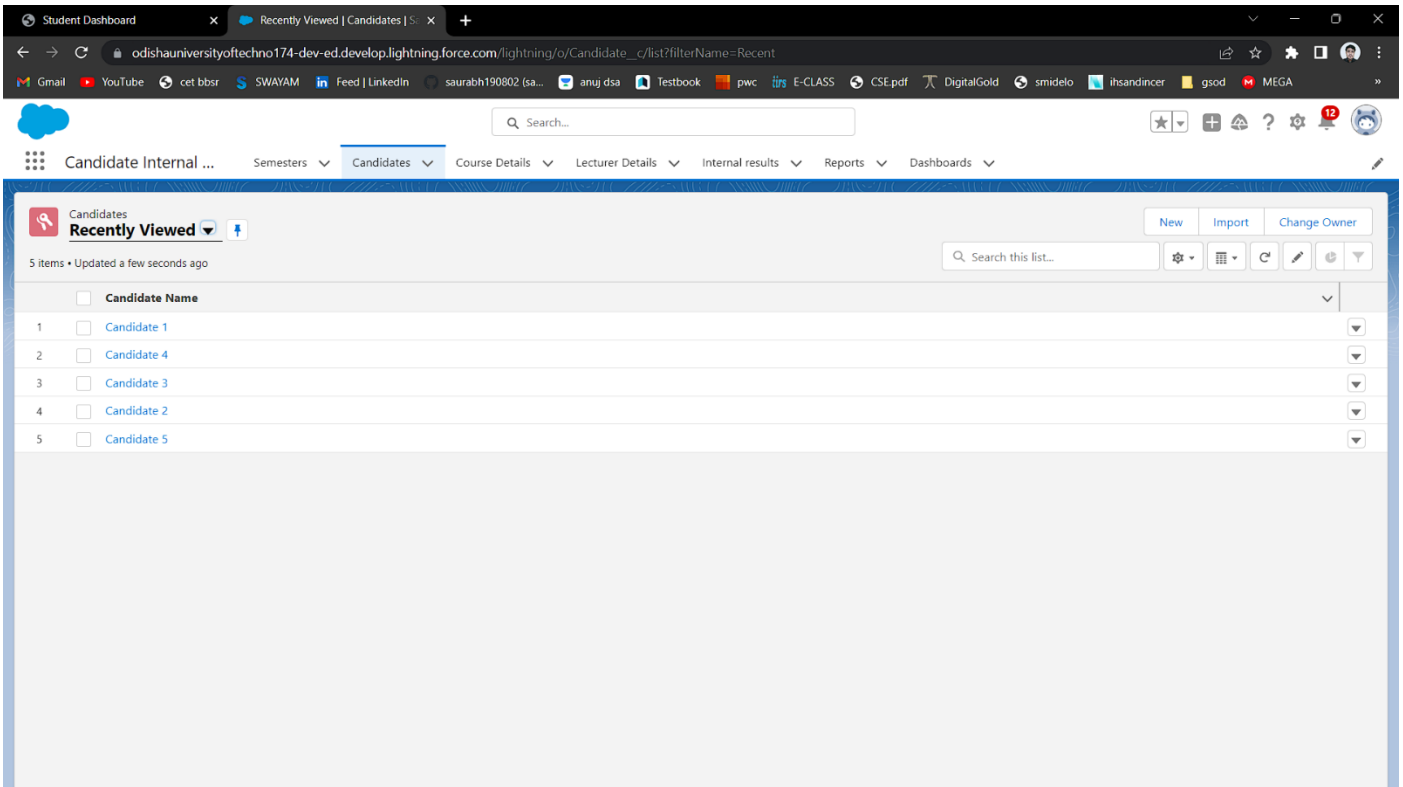
All the fields for Lecturer Details Object are created.



The screenshot shows the Salesforce Object Manager interface for the 'Internal results' object. The left sidebar lists various configuration options, with 'Details' selected. The main area displays the object's details, including its API name, singular and plural labels, and deployment status.

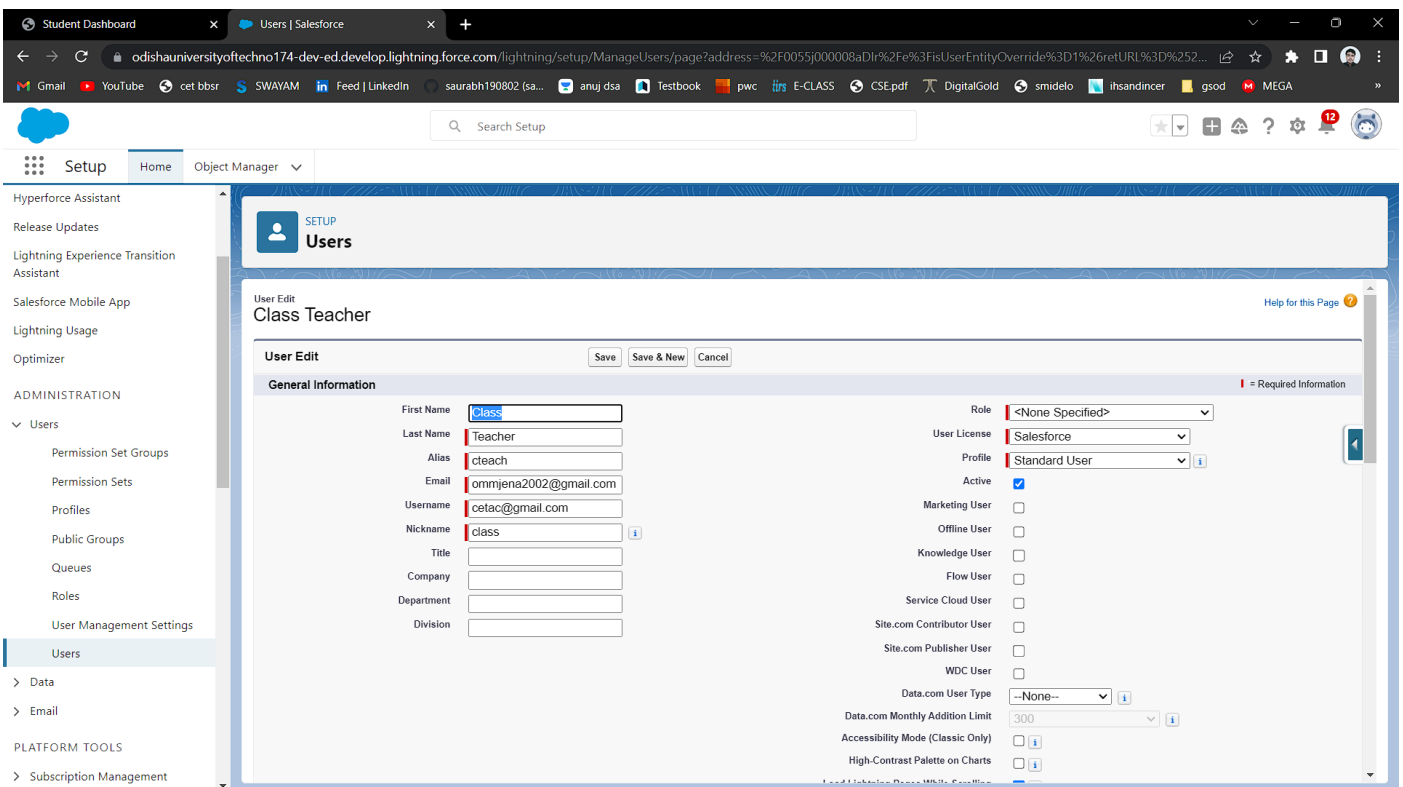
Details
<p>Description</p> <p>API Name Internal_results__c</p> <p>Custom ✓</p> <p>Singular Label Internal results</p> <p>Plural Label Internal results</p>
<p>Enable Reports ✓</p> <p>Track Activities</p> <p>Track Field History</p> <p>Deployment Status Deployed</p> <p>Help Settings Standard salesforce.com Help Window</p>

All the fields for Internal Results Object are created.



The screenshot shows the Salesforce Lightning interface. The top navigation bar includes 'Student Dashboard' and 'Recently Viewed | Candidates |'. The main content area is titled 'Candidate Internal ...' and shows a list of 'Recently Viewed' candidates. The list contains 5 items, each with a checkbox and a dropdown arrow. The candidates are labeled 'Candidate 1', 'Candidate 4', 'Candidate 3', 'Candidate 2', and 'Candidate 5'.

The lightning app is created according to the procedure.



The screenshot shows the Salesforce Lightning interface for the 'Users' setup page. The page is titled 'User Edit' and 'Class Teacher'. It displays a form for creating a new user. The 'General Information' section includes fields for First Name (Class), Last Name (Teacher), Alias (cleach), Email (ommjena2002@gmail.com), Username (cetac@gmail.com), Nickname (class), Title, Company, Department, and Division. The 'Role' is set to '<None Specified>' and the 'User License' is 'Salesforce'. The 'Profile' is set to 'Standard User'. The 'Active' checkbox is checked. The 'Marketing User' checkbox is unchecked. The 'Offline User' checkbox is unchecked. The 'Knowledge User' checkbox is unchecked. The 'Flow User' checkbox is unchecked. The 'Service Cloud User' checkbox is unchecked. The 'Site.com Contributor User' checkbox is unchecked. The 'Site.com Publisher User' checkbox is unchecked. The 'WDC User' checkbox is unchecked. The 'Data.com User Type' is set to '--None--'. The 'Data.com Monthly Addition Limit' is set to 300. The 'Accessibility Mode (Classic Only)' checkbox is unchecked. The 'High-Contrast Palette on Charts' checkbox is unchecked.

The Class Teacher user was created and Salesforce user profile is assigned to him.

Student Dashboard | Report Builder | Salesforce

odishauniversityoftechno174-dev-ed.develop.lightning.force.com/lightning/r/Report/0005j000008Ud5IEAC/edit?queryScope=userFolders

Search...

Candidate Internal ... Semesters Candidates Course Details Lecturer Details Internal results Reports Dashboards

REPORT Internal Results with Candidate Details Internal results with Candidate

Previewing a limited number of records. Run the report to see everything. Update Preview Automatically

Candidate Roll Number	Internal results: Internal results Name	Candidate: Candidate Name	Course	Marks
CAD-006 (1)	Subject 1	Candidate 1	B Tech	100
CAD-007 (1)	Subject 1	Candidate 2	B Tech	99
CAD-008 (1)	Subject 1	Candidate 3	B Tech	98
CAD-009 (1)	Subject 1	Candidate 4	B Tech	80
CAD-010 (1)	Subject 1	Candidate 5	B Tech	90

Row Counts Detail Rows Subtotals Grand Total Conditional Formatting

The Report is created.

Student Dashboard | Internal Results Analysis of Subject 1

odishauniversityoftechno174-dev-ed.develop.lightning.force.com/lightning/r/Dashboard/01Z5j000000gm8IEAA/view?queryScope=userFolders

Search...

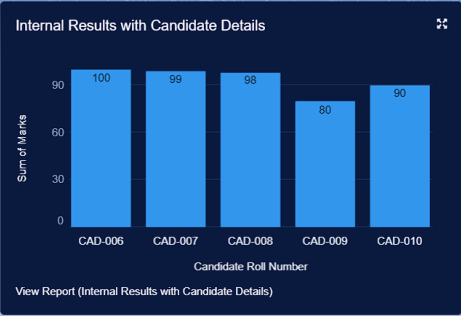
Candidate Internal ... Semesters Candidates Course Details Lecturer Details Internal results Reports Dashboards

Dashboard Internal Results Analysis of Subject 1

As of 28-Jul-2023, 7:31 pm Viewing as Saurabh Satapathy

Refresh Edit Subscribe

Internal Results with Candidate Details



View Report (Internal Results with Candidate Details)

Vertical Bar Chart is added to the dashboard.

4 Trailhead Profile Public URL:

4.1 Link to My Profile: <https://www.salesforce.com/trailblazer/ssatapathy41>

5 ADVANTAGES

- Automates result processing, saving time and resources.
- Reduces the likelihood of manual errors, increasing accuracy.
- Provides a secure environment for managing and storing student data.
- Enables performance analysis to identify areas where students require additional support.
- Facilitates communication between students, parents, and faculty, improving the overall quality of education.

DISADVANTAGES

- Proper training and expertise are required to use the software effectively.
- Implementation of result management software can be costly.
- The software can be complex, and technical issues such as system crashes or software bugs can cause delays or errors in result processing.

6 APPLICATIONS

- The result tracking salesforce software can help identify areas where students require additional support, improving the overall quality of education.
- It facilitates easy communication between teachers, parents, and students, allowing parents to access their child's results, attendance, and other information online.
- The software enables student feedback and evaluation, allowing teachers and administrators to assess student satisfaction and identify areas for improvement.

7 CONCLUSIONS

- Report card generation is a feature of a school result management system that enables the automatic generation of report cards for students. A report card typically includes information about a student's academic performance, attendance, and behaviour during a specific academic period, such as a semester or a year.

8 FUTURE SCOPES

- In healthcare, result management software can assist healthcare professionals in managing patient data, test results, and medical records. It can also improve the speed and accuracy of diagnosis and treatment.
- In government, result management software can ensure transparency, accuracy, and accessibility of public data such as election results or survey data.
- In business, result management software can help companies manage customer feedback, sales data, and performance metrics.
- In sports, result management software can assist coaches and trainers in tracking athlete progress, making data-driven decisions, and improving performance.
- In research, result management software can help researchers organize and analyse data more efficiently, improve accuracy, and accelerate the research process.