



## **IMPLEMENTING CRM FOR RESULT TRACKING OF A CANDIDATE WITH INTERNAL MARKS**

# **1. INTRODUCTION**

## **1.1 . OVERVIEW**

Administrator should be able to create all base data including Semester, Candidate, Course and Lecturer, Lecturer should have the ability to create Internal Results, Dean, who is one of the Lecturer, should be the only one with ability to update Internal Results, Re-evaluation Can be initialized by Candidate for all Internal Results. Now only dean can update the marks after re-evaluation

## **1.2. PURPOSE**

This portal is for students and teachers, where students are able to view their score in assessments or projects and teachers have access to update those marks accordingly. This is effective and provides a platform independent experience to students and teachers. This is completely online and uses efficient data storage to reduce the number of hard copies required for maintaining University records

## 2. PROBLEM DEFINITION AND DESIGN THINKING

### 2.1. Empathy Map

#### Build empathy

The information you add here should be representative of the observations and research you've done about your users.

#### Says

What have we heard them say?  
What can we imagine them saying?

With student result management system, teachers, professors, and staff can create result analysis reports.

It is the learner's ability to articulate, create, or ask for the conditions necessary to meet one's learning needs.

will help you understand how your students are learning and how they have performed in each area of the syllabus.

By tracking their own academic progress, students are encouraged to take ownership of their learning, which helps them to develop the skills needed for learner agency.



Creating easy access for students and teacher

Get to know more about the project

Implementing the ideas which is good for the work

Communicate with the lecturers for more ideas

#### Does

What behavior have we observed?  
What can we imagine them doing?

#### Thinks

What are their wants, needs, hopes, and dreams? What other thoughts might influence their behavior?

will i get a good response for my performance

How long it will take for me to get a good job to start my career

Feeling hungry

I feel like trying more creative things for my project

How can i improve my skills better



Having trouble in time management

worried about the exams

Not having enough time to complete the work

Having less interaction with family members

#### Feels

What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?



Sees

## 2.2. Ideation and Brainstorming

1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

5 minutes

PROBLEM

How might we create an app for tracking results of a students with their internal marks

Key rules of brainstorming

To run an smooth and productive session

Stay in topic

Encourage wild ideas

Defer judgments

Listen to others

Go for volume

If possible, be visual

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

Pengaputal

Andriani

Brenttissian

Mathurtha

3

Group ideas

Use this space to group similar ideas from the brainstorm. Each group should have a title that describes what the ideas have in common. If a group is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

20 minutes

Purpose

Scope

General constraints

Security Requirements

Functional Requirements

4

Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

Importance

Feasibility

Regardless of their importance, which ideas are more feasible than others? (Size, time, effort, complexity, etc.)

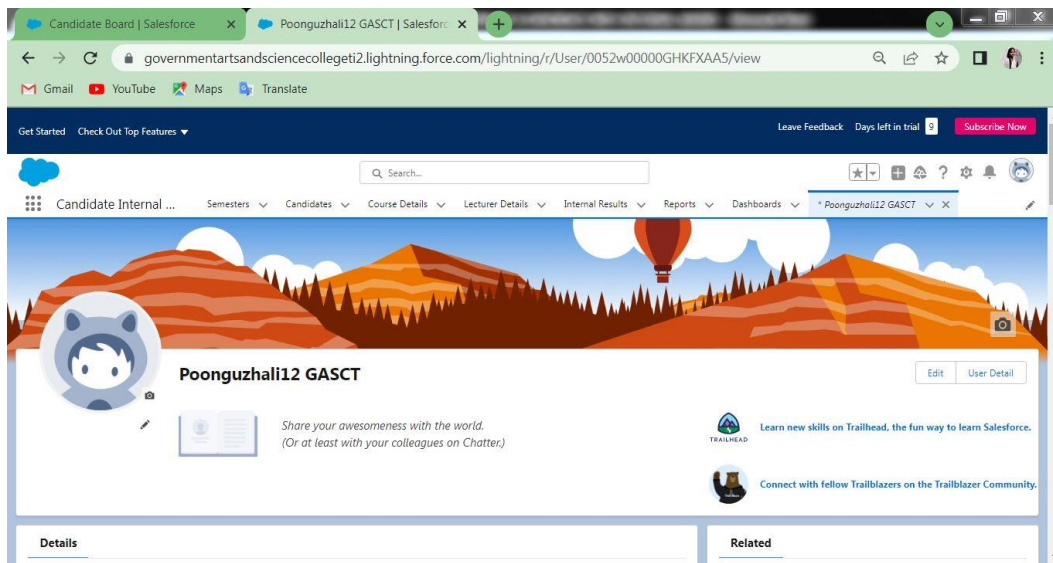
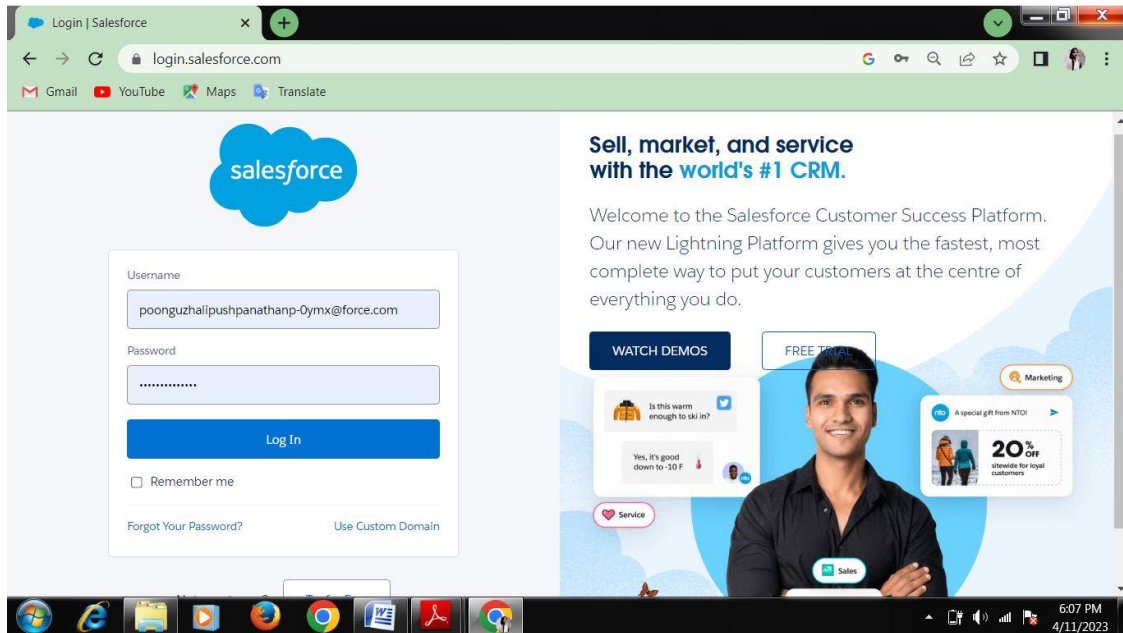
### 3. RESULT

#### 3.1. Data Model

Object Name	Fields in the Object	
Semester	Field label	Data type
	Semester Name	Text
	Course	Text
Candidate	Field label	Data type
	Candidate Name	Text
	Candidate ID	Text
	Semester Name	Text
	Internal results	Text
Course Details	Field label	Data type
	Course Name	Text
	Course ID	Text
Lecturer Details	Field label	Data type
	Lecturer role	Text
	Lecturer Name	Text
	Course ID	Text
	Course	Text
Internal Results	Field label	Data type
	Candidate ID	Text
	Course ID	Text
	Marks	Text

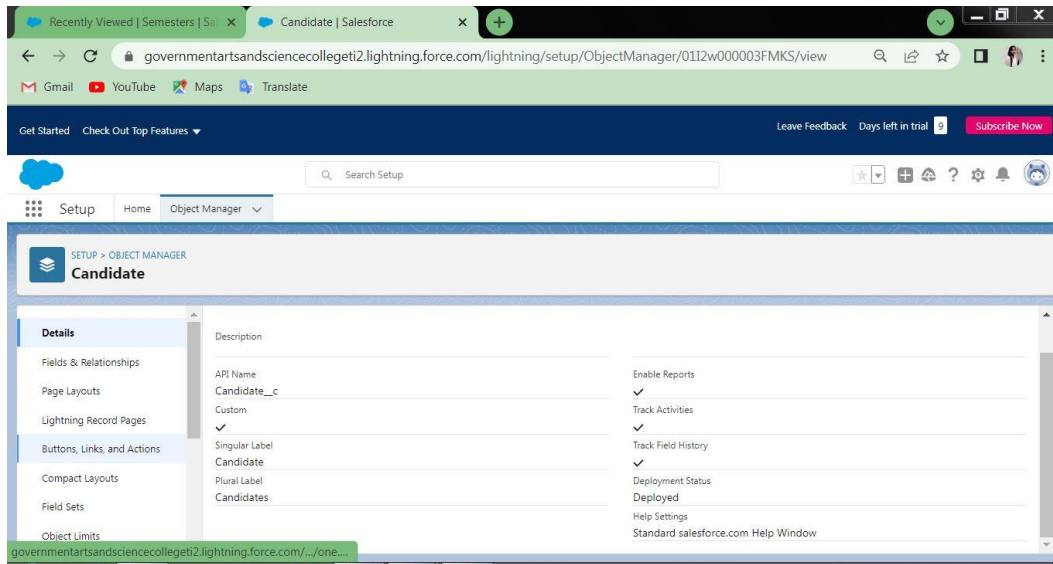
## 3.2. Activity & Screenshot

### 3.2.1. Creating Developer Account

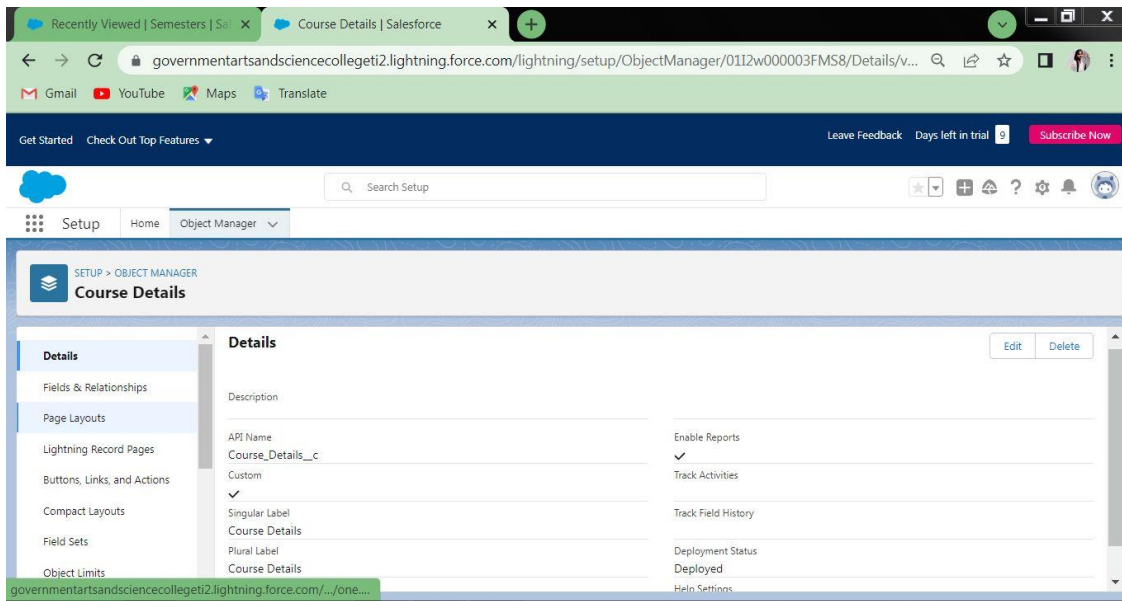


## 3.2.2. Creating Custom Objects

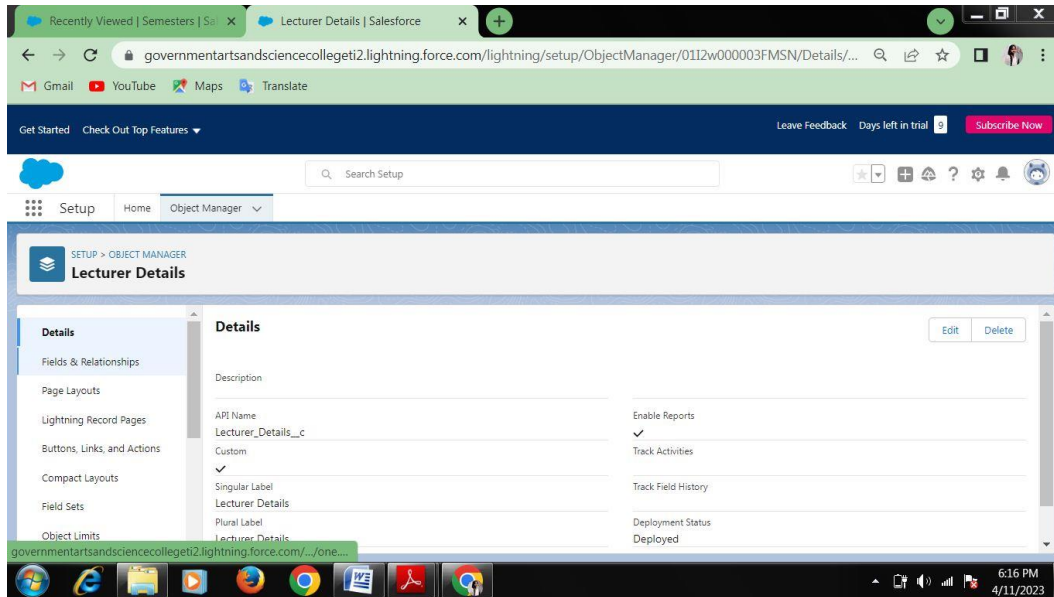
- Candidate



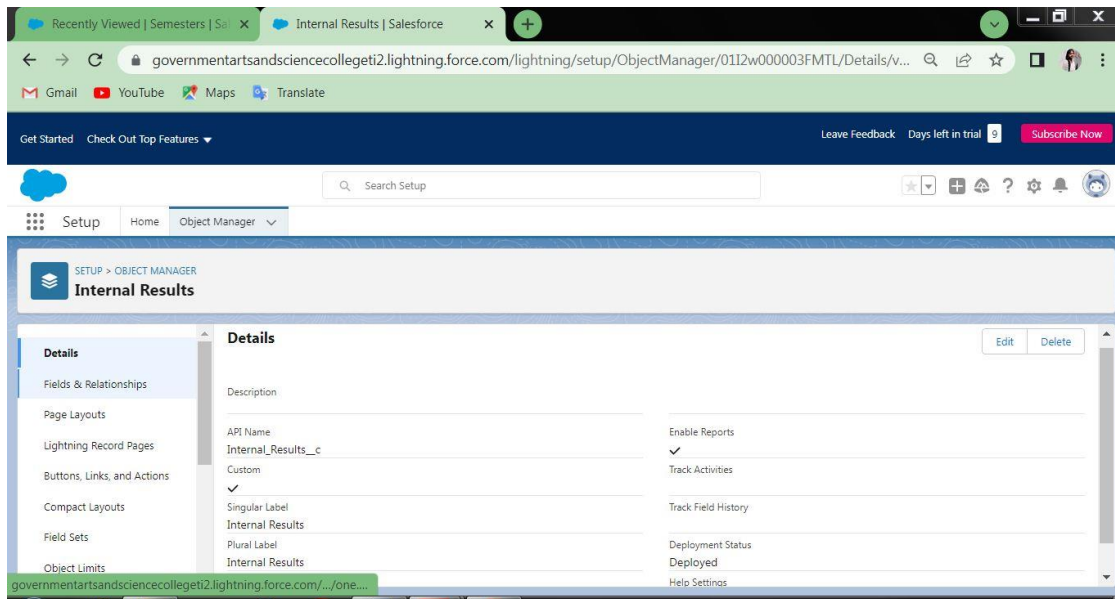
- Course details



- Lecturer Details

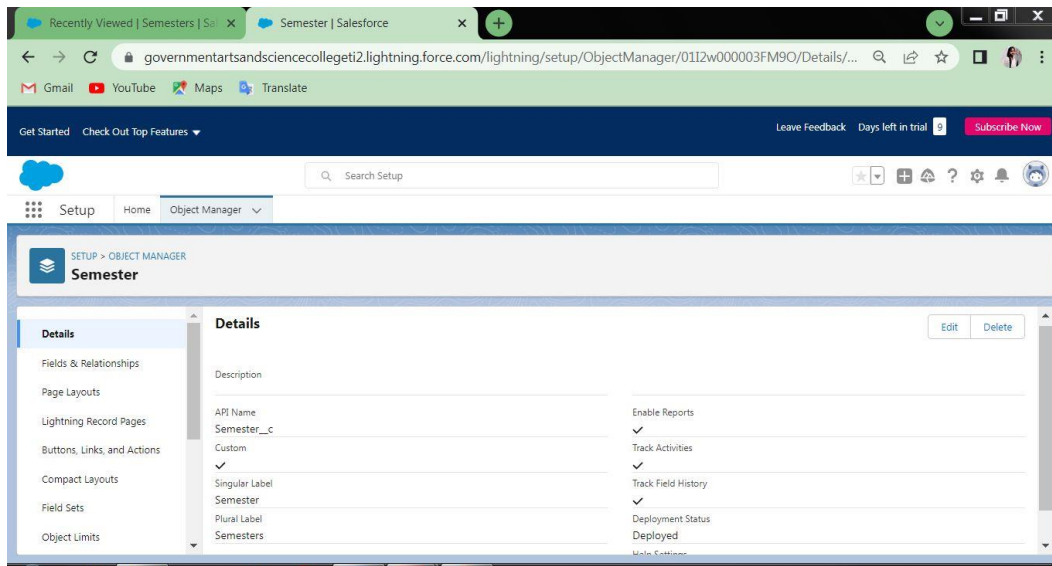


- Internal Results



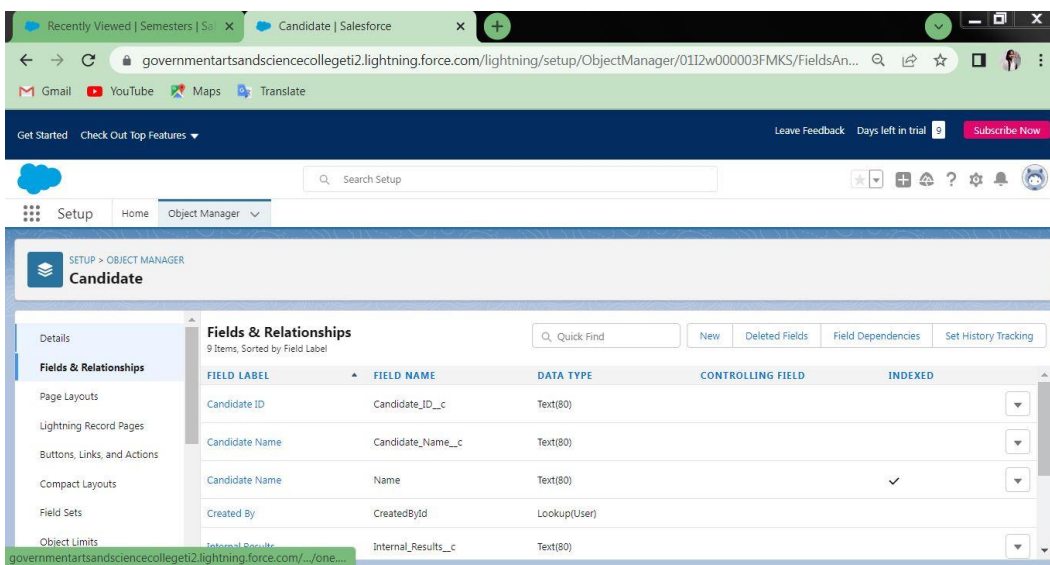


- Semester

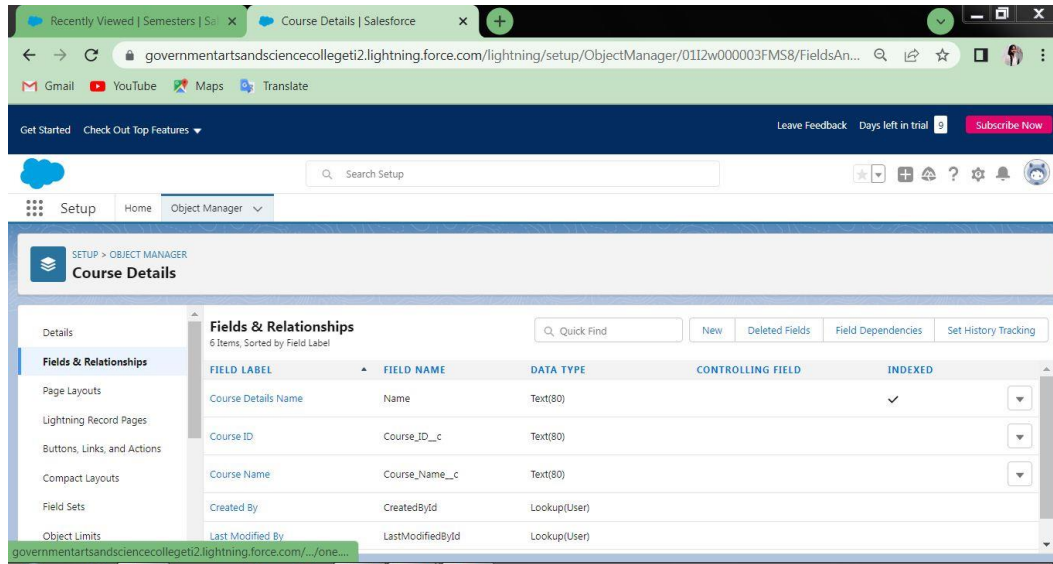


### 3.2.3. Creating Custom Fields for the Objects

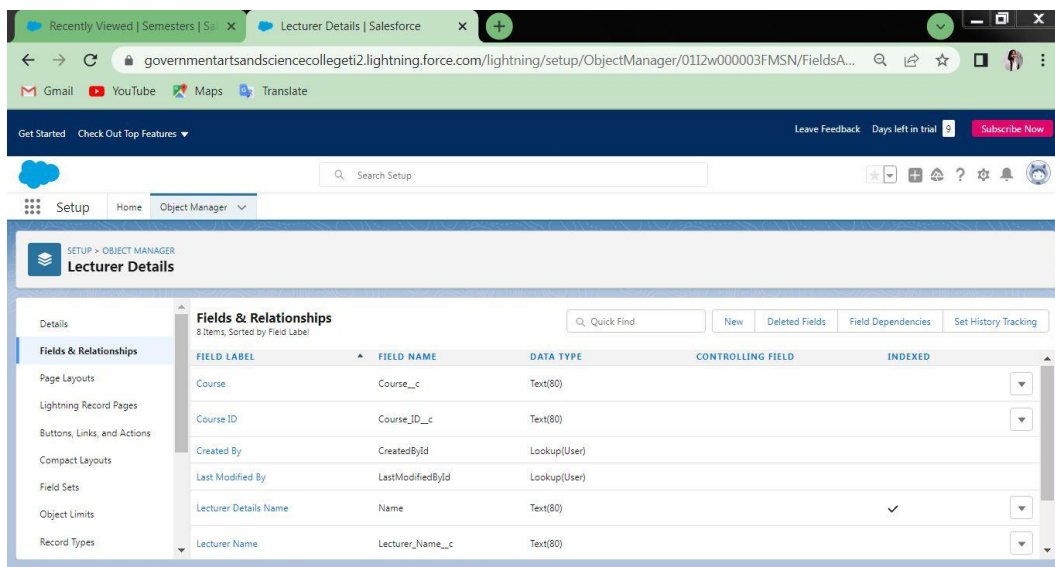
- Candidate (Object)
  - Candidate Name
  - Candidate ID
  - Semester Name
  - Internal Results



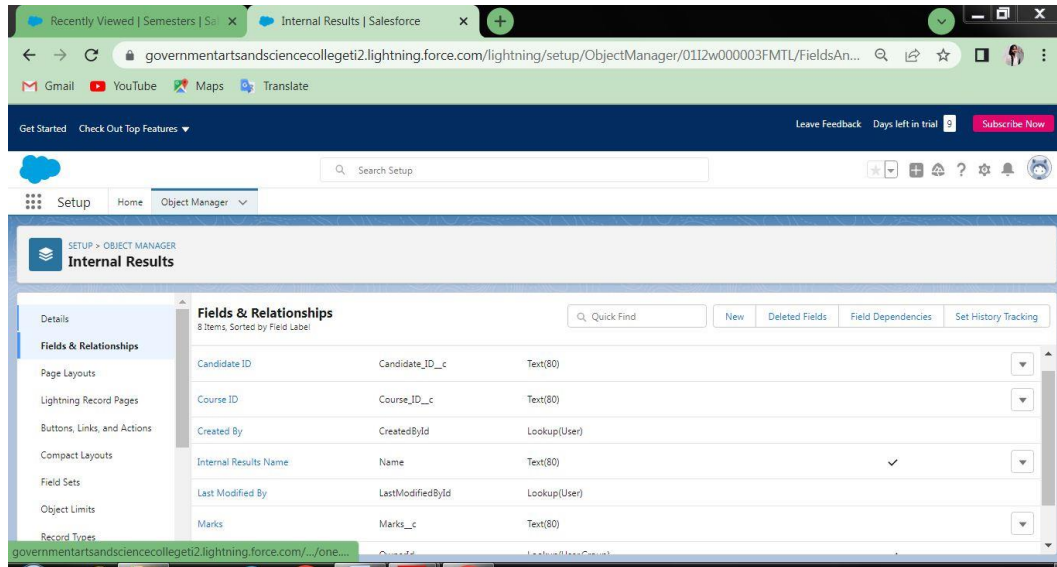
- Course Details (Object)
- Course Name
- Course ID



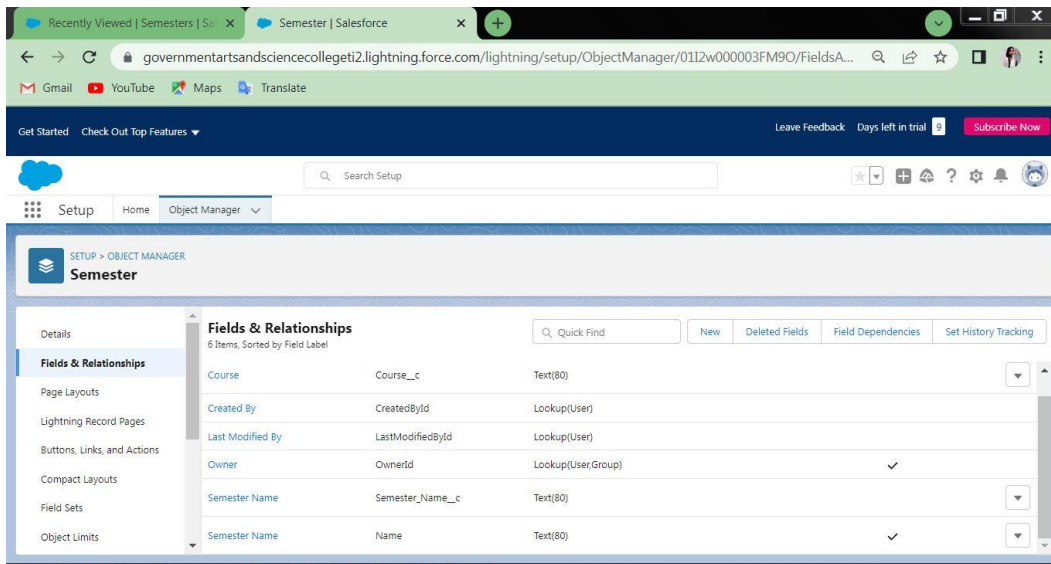
- Lecturer Details (Object)
  - Lecturer Role
  - Lecture Name
  - Course ID
  - Course



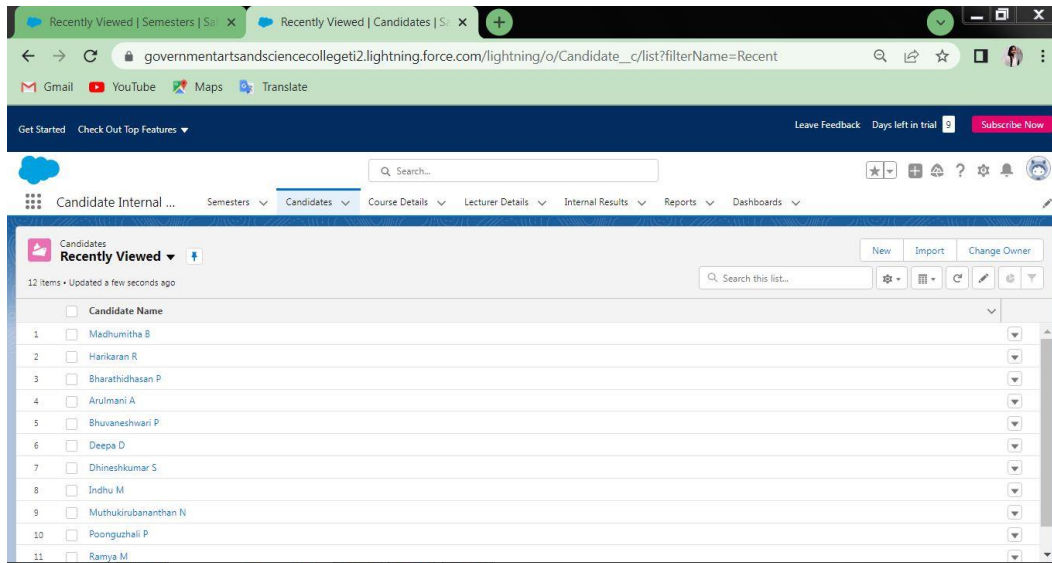
- Internal Results (Object)
  - Candidate ID
  - Course ID
  - Marks



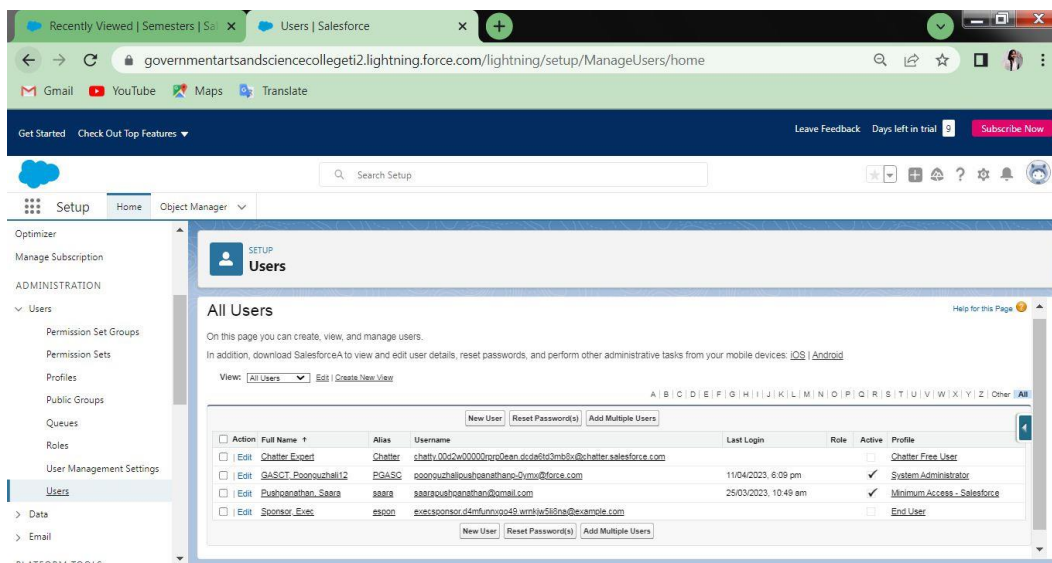
- Semester(Object)
  - Semester Name
  - Course



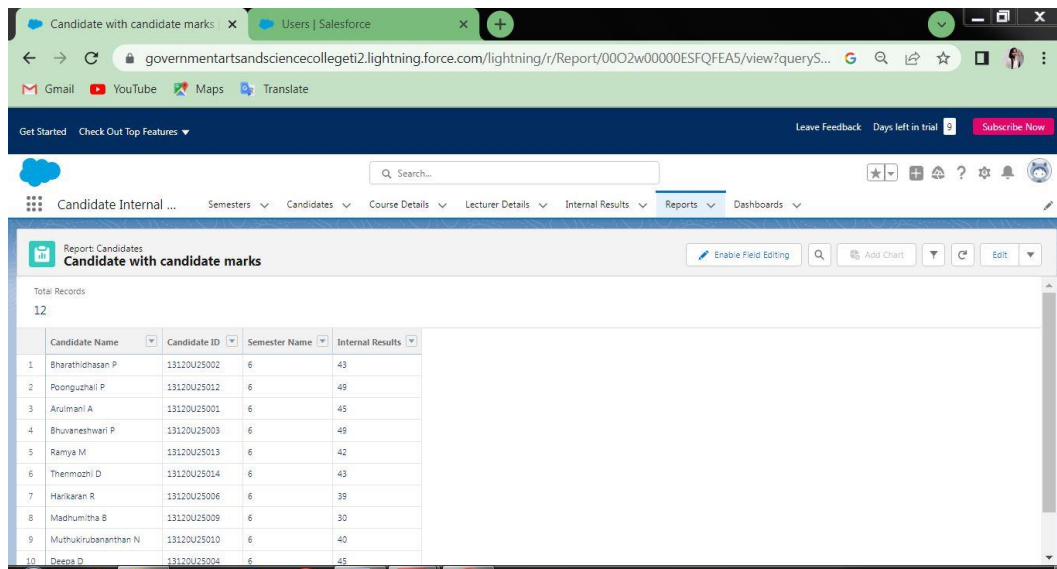
### 3.2.4. Creating the Candidate Internal Result Card App



### 3.2.5. Creating Users



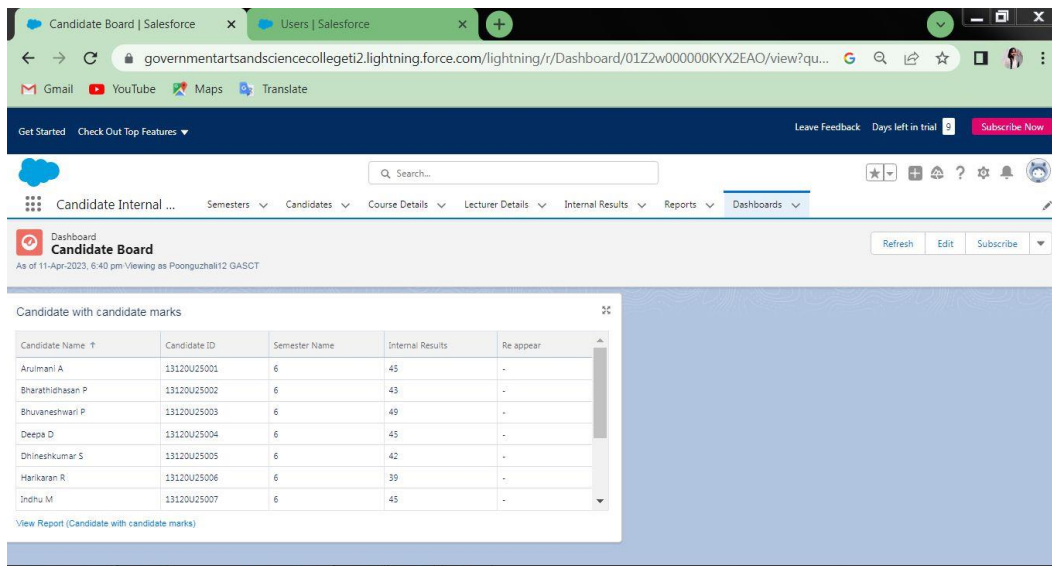
### 3.2.6. Creating Reports



The screenshot shows the Salesforce Reports interface. The report is titled "Candidate with candidate marks" and is located under the "Reports" tab. The report displays a table with 12 records. The table has the following columns: Candidate Name, Candidate ID, Semester Name, and Internal Results. The data is as follows:

	Candidate Name	Candidate ID	Semester Name	Internal Results
1	Bharathidasan P	13120U25002	6	43
2	Poonguzhalli P	13120U25012	6	48
3	Arulmani A	13120U25001	6	45
4	Bhuvaneshwari P	13120U25003	6	49
5	Ramya M	13120U25013	6	42
6	Thenmozhi D	13120U25014	6	43
7	Harikaran R	13120U25006	6	39
8	Madhumitha B	13120U25009	6	30
9	Muthukrubananthan N	13120U25010	6	40
10	Deepa D	13120U25004	6	45

### 3.2.7. Creating Dashboard



The screenshot shows the Salesforce Dashboards interface. The dashboard is titled "Candidate Board" and is located under the "Dashboards" tab. The dashboard displays a table with 7 records. The table has the following columns: Candidate Name, Candidate ID, Semester Name, Internal Results, and Re appear. The data is as follows:

Candidate Name	Candidate ID	Semester Name	Internal Results	Re appear
Arulmani A	13120U25001	6	45	-
Bharathidasan P	13120U25002	6	43	-
Bhuvaneshwari P	13120U25003	6	49	-
Deepa D	13120U25004	6	45	-
Dhineshkumar S	13120U25005	6	42	-
Harikaran R	13120U25006	6	39	-
Indhu M	13120U25007	6	45	-

#### **4. TRAILHEAD PROFILE PUBLIC URL**

Team Lead - <https://trailblazer.me/id/ppushpanathan>

Team Member 1 – <https://trailblazer.me/id/madhb21>

Team Member 2 – <https://trailblazer.me/id/bharathi1510>

Team Member 3 - <https://trailblazer.me/id/amani263>

#### **5. ADVANTAGES AND DISADVANTAGES**

##### **➤ Advantages**

- Download report of the results in PDF format.
- View results of tests and exams online.
- Search test and exam scores with valid Roll number/ ID.
- View Semester Results for all Subjects from anywhere using smart devices.
- Easy computation and easy storage of data

##### **➤ Disadvantages**

- Administration cannot edit or modify scores after the deadline.
- Minor technical glitches and issues may occur.
- It can be prone to hacks.

## **6. APPLICATION**

This can be used in schools and colleges for tracking the result of a candidate/student using their internal marks.

## **7. CONCLUSION**

The goal of the system is achieved and difficulties are solved. The project is built such that it is user friendly. Analysis of the scoring system it shows by the Mark wise result of individual subject and final result also display mark wise .depending on its range of marks. The project can be easily used in college for college result analysis of student. It reduces time which required for manual calculation. This system helps to calculate result fast so it optimizes the manpower.

## **8. FUTURE SCOPE**

In near future, the system interface could be improved, with more attractive, interactive and meaningful images; enhance the system with an email and SMS or email notifications when the result has been uploaded by the lecturer.