

## 1. INTRODUCTION

- **Overview**

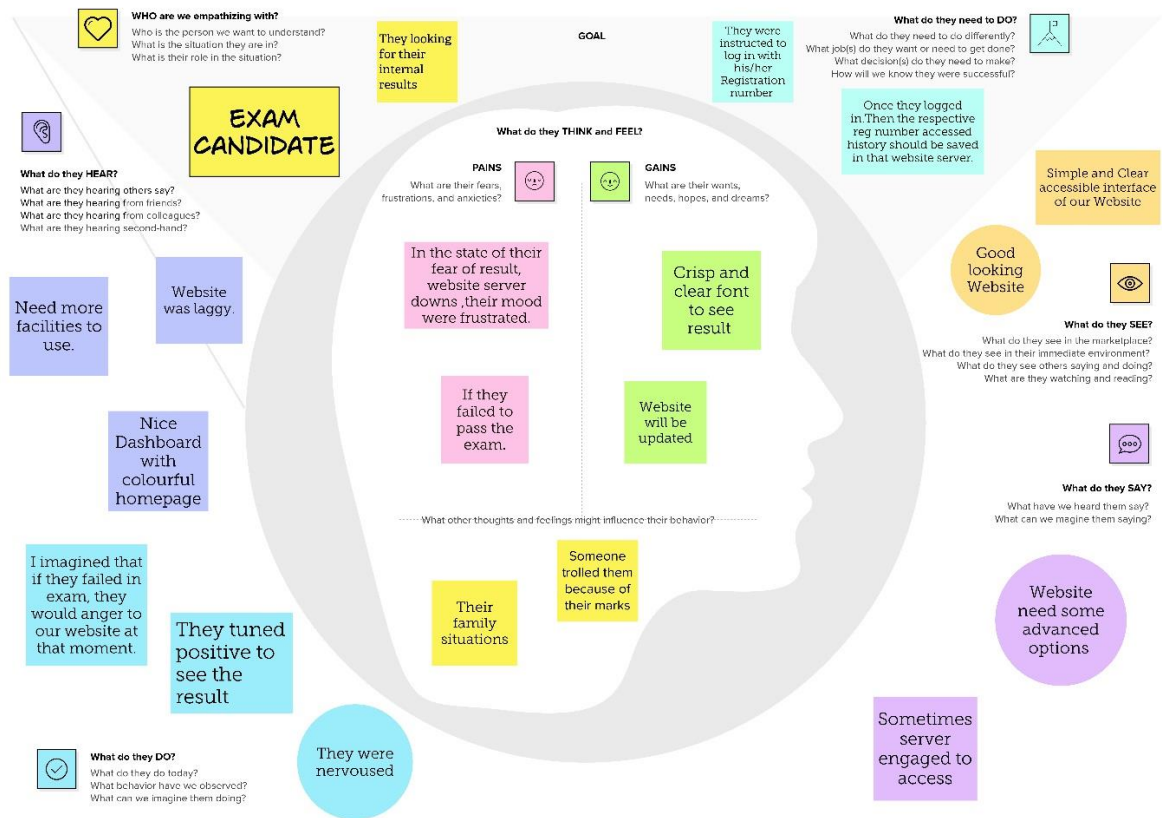
We made webpage to view students' Internal marks by implementing CRM. This webpage will show students internal mark, along with his roll number, Department, Course Details with.

- **Purpose**

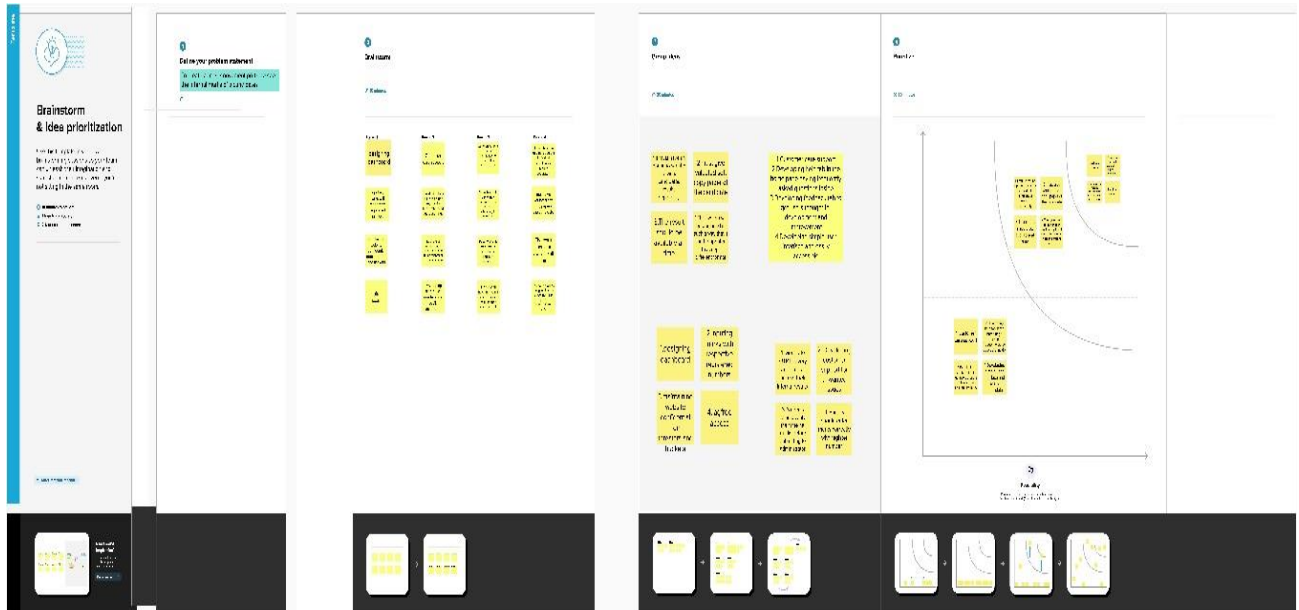
This is used to establish the Internal Results of Candidates With their Marks.

## 2. Problem Definition & Design Thinking

- **Empathy Map**



- Ideation & Brainstorming Map



### 3. RESULT

- Data Model:

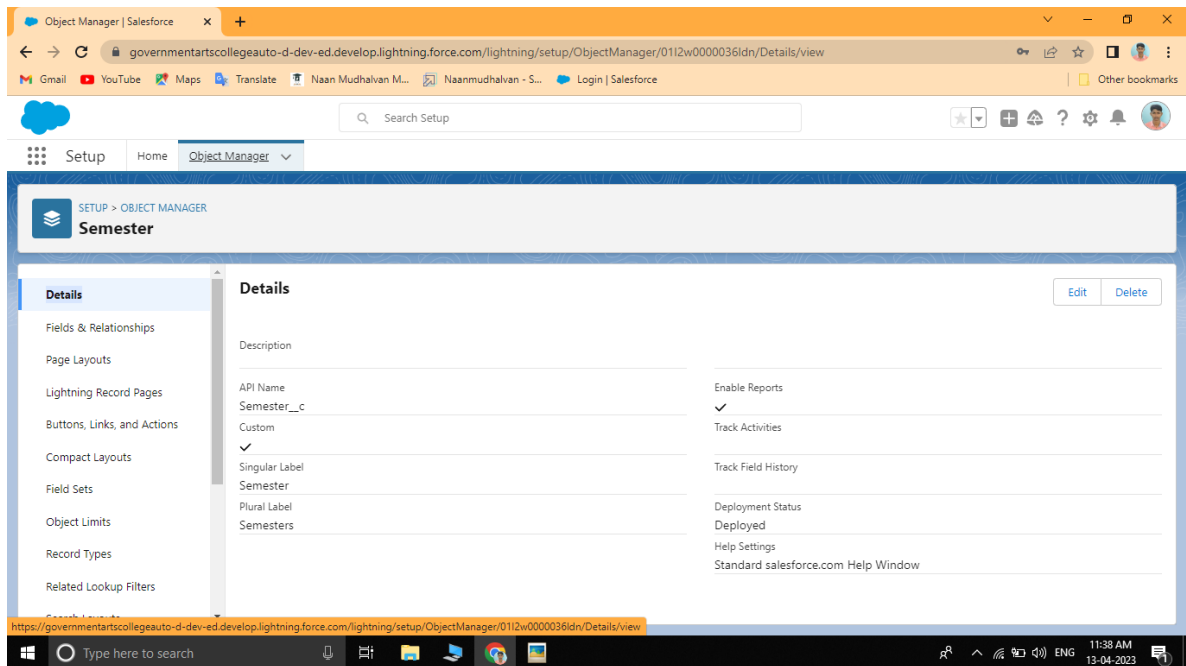
OBJECT NAME	FIELDS IN THE OBJECT	
SEMESTER	FIELD LABEL	DATA TYPE
	Semester Name	Text
	Course	Lookup
CANDIDATE	FIELD LABEL	DATA TYPE
	Candidate Name	Text
	Candidate ID	Text
	Semester Name	Text
	Internal Result	Lookup
COURSE DETAILS	FIELD LABEL	DATA TYPE
	Course Name	Text
	Course ID	Text

Project Report Template	
	FIELD LABEL
LECTURER DETAILS	Lecturer Role
	Lecturer Name
	Course ID
	Course
INTERNAL RESULTS	
	Candidate ID
	Course ID
	Marks

## ACTIVITY AND SCREENSHOT:

## CREATED OBJECTS :

### Semester

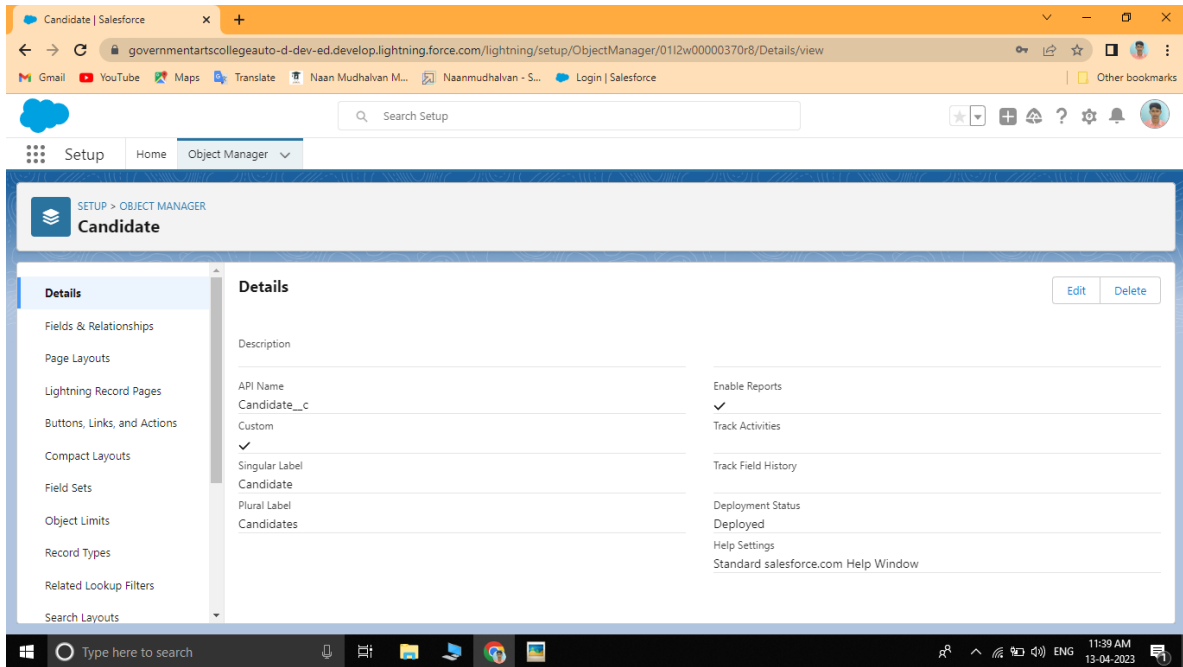


The screenshot shows the Salesforce Object Manager setup page for the 'Semester' object. The page is titled 'SETUP > OBJECT MANAGER Semester'. The left sidebar contains a list of configuration options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, and Related Lookup Filters. The 'Details' section is currently selected, showing the following configuration details:

- Description:** (Empty text field)
- API Name:** Semester\_\_c
- Custom:** (Checked)
- Singular Label:** Semester
- Plural Label:** Semesters
- Enable Reports:** (Checked)
- Track Activities:** (Checked)
- Track Field History:** (Checked)
- Deployment Status:** Deployed
- Help Settings:** Standard salesforce.com Help Window

At the top right of the 'Details' section, there are 'Edit' and 'Delete' buttons. The browser's address bar shows the URL: <https://governmentartscollegeauto-d-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w0000036ldn/Details/view>. The Windows taskbar at the bottom shows the time as 11:38 AM on 13-04-2023.

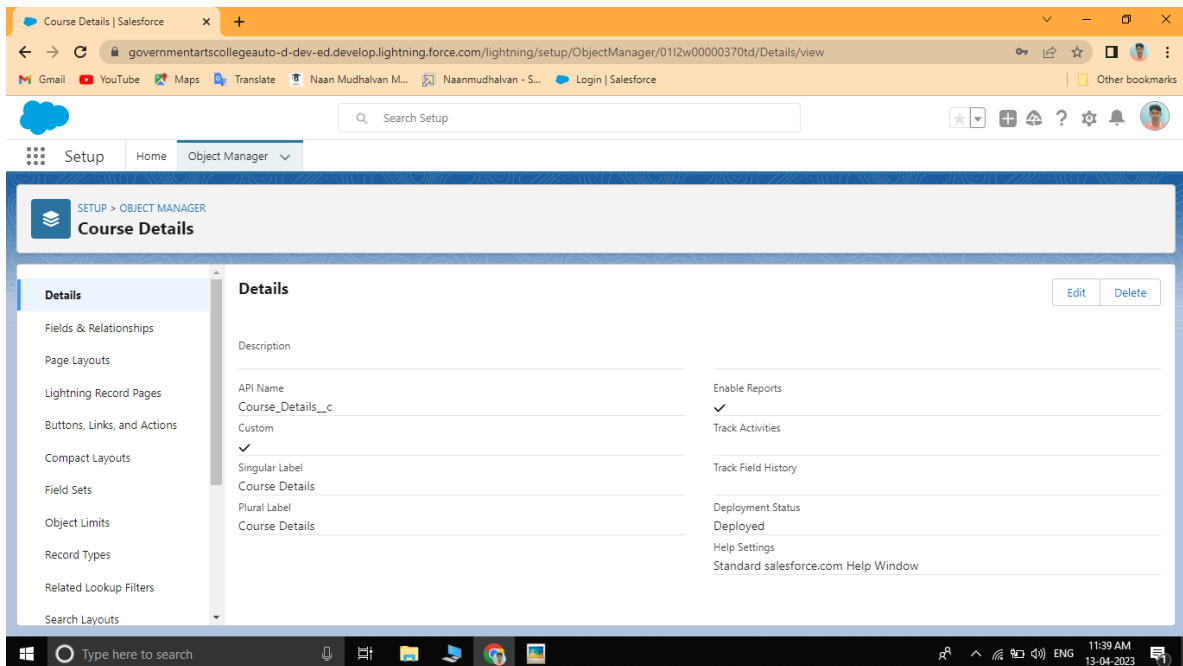
## Candidate



The screenshot shows the Salesforce Object Manager interface for the 'Candidate' object. The left sidebar contains a list of configuration options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main area displays the 'Details' configuration for the 'Candidate' object. The 'API Name' is 'Candidate\_\_c', and the 'Custom' checkbox is checked. The 'Singular Label' is 'Candidate' and the 'Plural Label' is 'Candidates'. The 'Enable Reports' checkbox is checked, and 'Track Activities' and 'Track Field History' are also checked. The 'Deployment Status' is 'Deployed', and the 'Help Settings' are set to 'Standard salesforce.com Help Window'. The 'Edit' and 'Delete' buttons are visible in the top right corner of the main area.

Field	Value
Description	
API Name	Candidate__c
Custom	✓
Singular Label	Candidate
Plural Label	Candidates
Enable Reports	✓
Track Activities	✓
Track Field History	✓
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

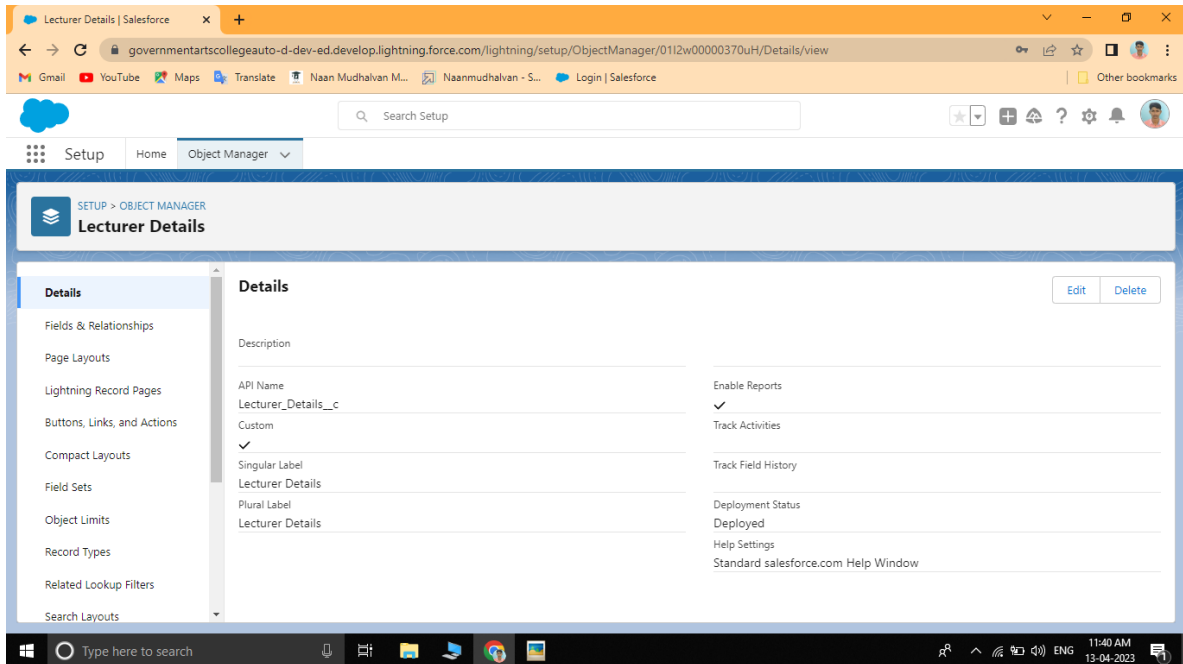
## Course Details



The screenshot shows the Salesforce Object Manager interface for the 'Course Details' object. The left sidebar contains a list of configuration options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main area displays the 'Details' configuration for the 'Course Details' object. The 'API Name' is 'Course\_Details\_\_c', and the 'Custom' checkbox is checked. The 'Singular Label' is 'Course Details' and the 'Plural Label' is 'Course Details'. The 'Enable Reports' checkbox is checked, and 'Track Activities' and 'Track Field History' are also checked. The 'Deployment Status' is 'Deployed', and the 'Help Settings' are set to 'Standard salesforce.com Help Window'. The 'Edit' and 'Delete' buttons are visible in the top right corner of the main area.

Field	Value
Description	
API Name	Course_Details__c
Custom	✓
Singular Label	Course Details
Plural Label	Course Details
Enable Reports	✓
Track Activities	✓
Track Field History	✓
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

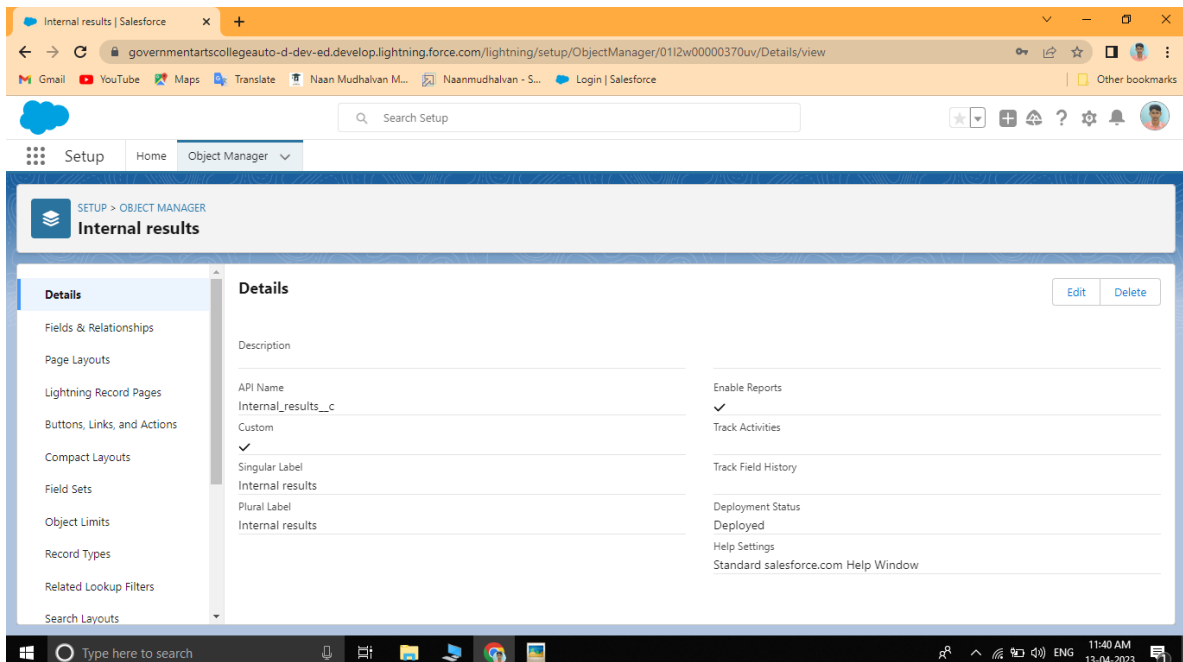
## Lecturer Details



The screenshot shows the Salesforce Object Manager interface for the 'Lecturer' object. The left sidebar contains a list of configuration options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The 'Details' section is selected, showing a table of configuration details. The table has two columns: 'Field' and 'Value'. The 'Field' column lists: Description, API Name, Custom, Singular Label, Plural Label, and a checkbox. The 'Value' column lists: Lecturer\_Details\_\_c, Custom, Lecturer Details, Lecturer Details, and a checked checkbox. The 'Details' section also includes a 'Description' field with the value 'Standard salesforce.com Help Window' and a 'Help Settings' field with the value 'Standard salesforce.com Help Window'. The 'Details' section also includes a 'Deployment Status' field with the value 'Deployed' and a 'Help Settings' field with the value 'Standard salesforce.com Help Window'.

Field	Value
Description	Lecturer_Details__c
API Name	Custom
Custom	Lecturer Details
Singular Label	Lecturer Details
Plural Label	Lecturer Details
Enable Reports	✓
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

## Internal Results

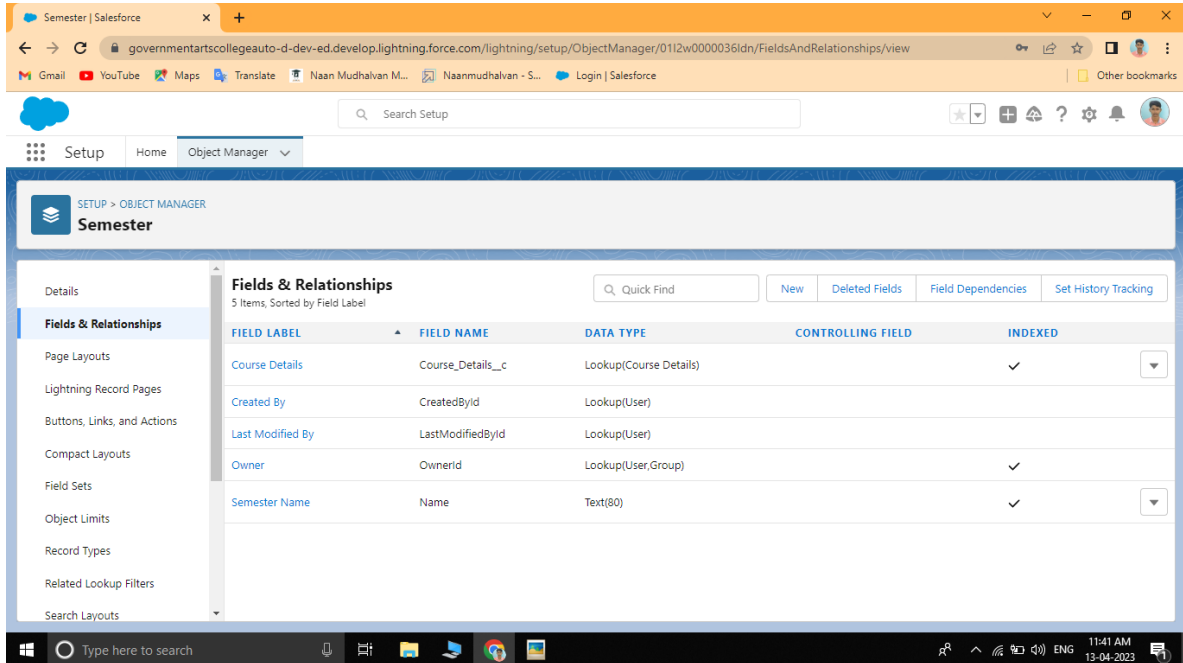


The screenshot shows the Salesforce Object Manager interface for the 'Internal results' object. The left sidebar contains a list of configuration options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The 'Details' section is selected, showing a table of configuration details. The table has two columns: 'Field' and 'Value'. The 'Field' column lists: Description, API Name, Custom, Singular Label, Plural Label, and a checkbox. The 'Value' column lists: Internal\_results\_\_c, Custom, Internal results, Internal results, and a checked checkbox. The 'Details' section also includes a 'Description' field with the value 'Standard salesforce.com Help Window' and a 'Help Settings' field with the value 'Standard salesforce.com Help Window'. The 'Details' section also includes a 'Deployment Status' field with the value 'Deployed' and a 'Help Settings' field with the value 'Standard salesforce.com Help Window'.

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

## CREATED FIELDS AND RELATIONSHIPS :

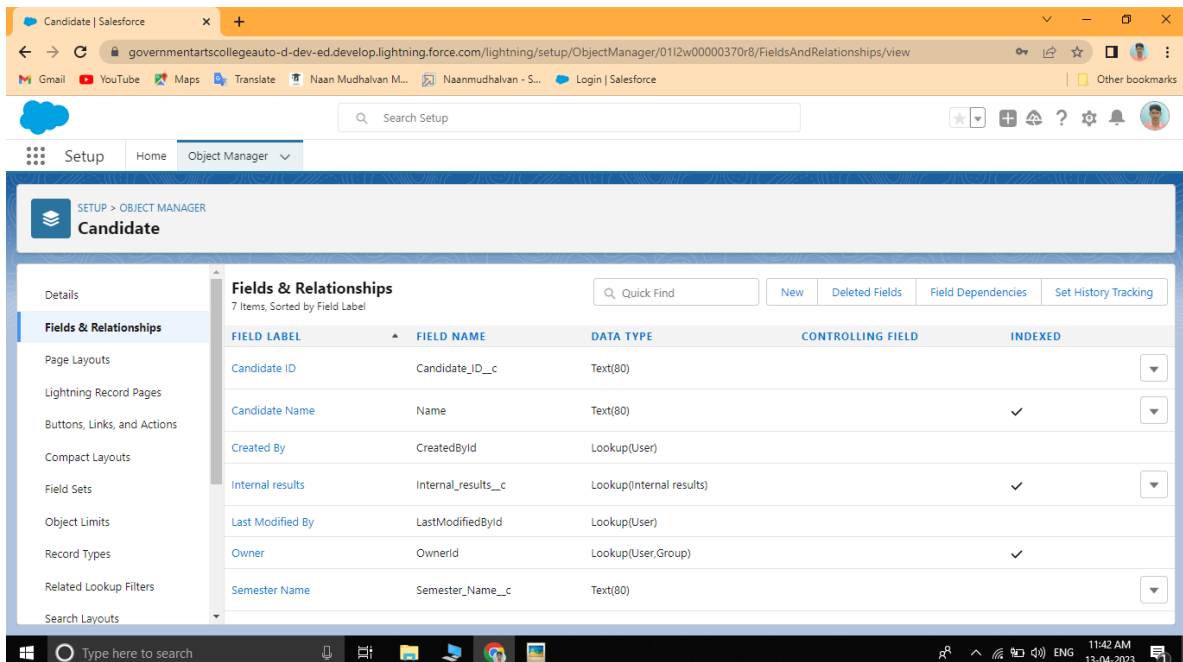
### In Semester Object



The screenshot shows the Salesforce Object Manager interface for the 'Semester' object. The 'Fields & Relationships' tab is selected, displaying a table of fields. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Course Details (Lookup(Course Details), indexed), Created By (Lookup(User)), Last Modified By (Lookup(User)), Owner (Lookup(User,Group), indexed), and Semester Name (Text(80), indexed).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course Details	Course_Details__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)		✓

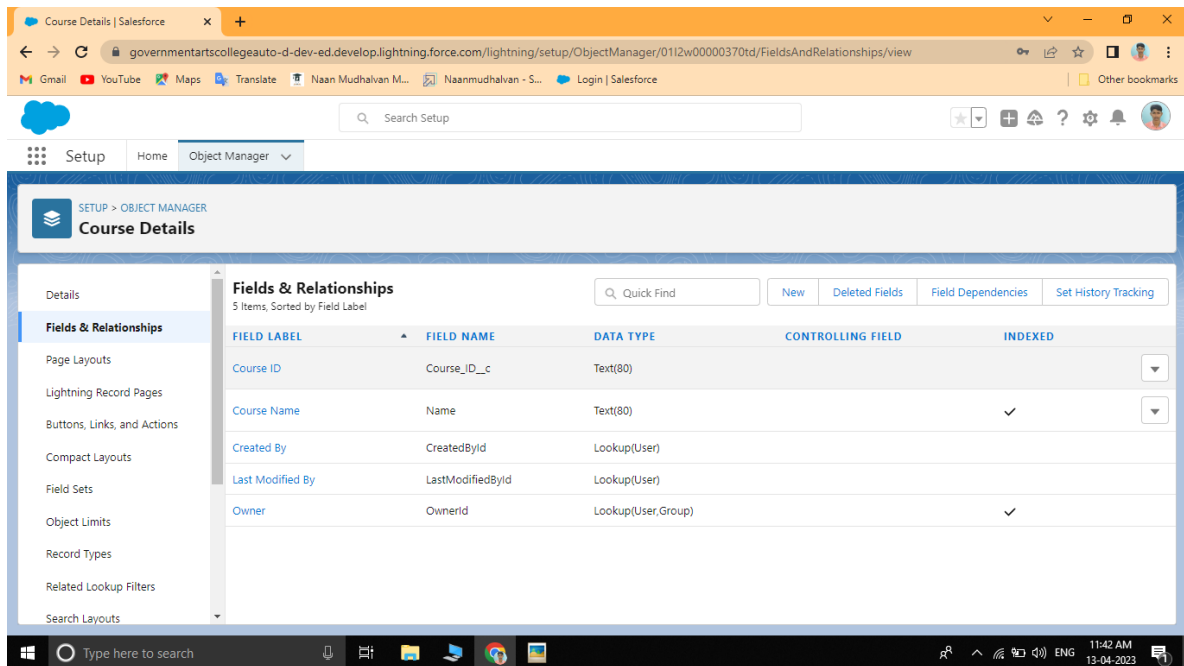
### In Candidate Objects



The screenshot shows the Salesforce Object Manager interface for the 'Candidate' object. The 'Fields & Relationships' tab is selected, displaying a table of fields. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Candidate ID (Text(80), indexed), Candidate Name (Text(80), indexed), Created By (Lookup(User)), Internal results (Lookup(internal results), indexed), Last Modified By (Lookup(User)), Owner (Lookup(User,Group), indexed), and Semester Name (Text(80), indexed).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Candidate ID	Candidate_ID__c	Text(80)		✓
Candidate Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Internal results	Internal_results__c	Lookup(internal results)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Semester Name	Semester_Name__c	Text(80)		✓

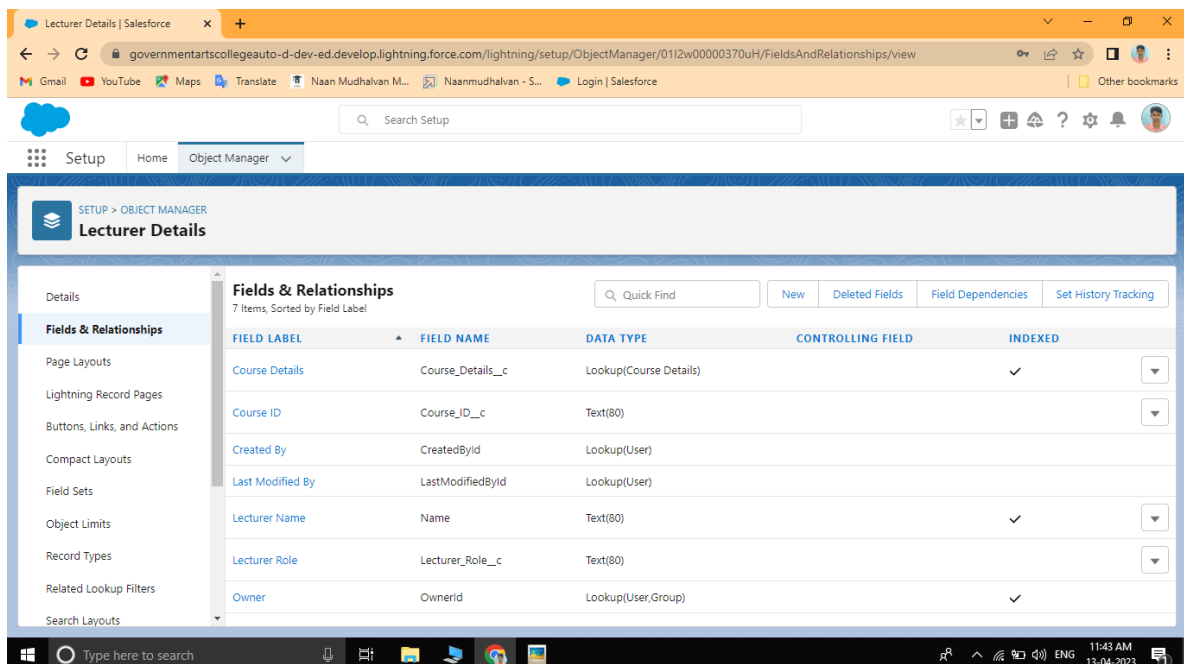
## In Course Details Object



The screenshot shows the Salesforce interface for the 'Course Details' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Fields & Relationships' and shows a table of fields for the 'Course Details' object. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Course ID (Text(80)), Course Name (Text(80)), Created By (Lookup(User)), Last Modified By (Lookup(User)), and Owner (Lookup(User,Group)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course ID	Course_ID__c	Text(80)		
Course Name	Name	Text(80)		✓
Created By	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

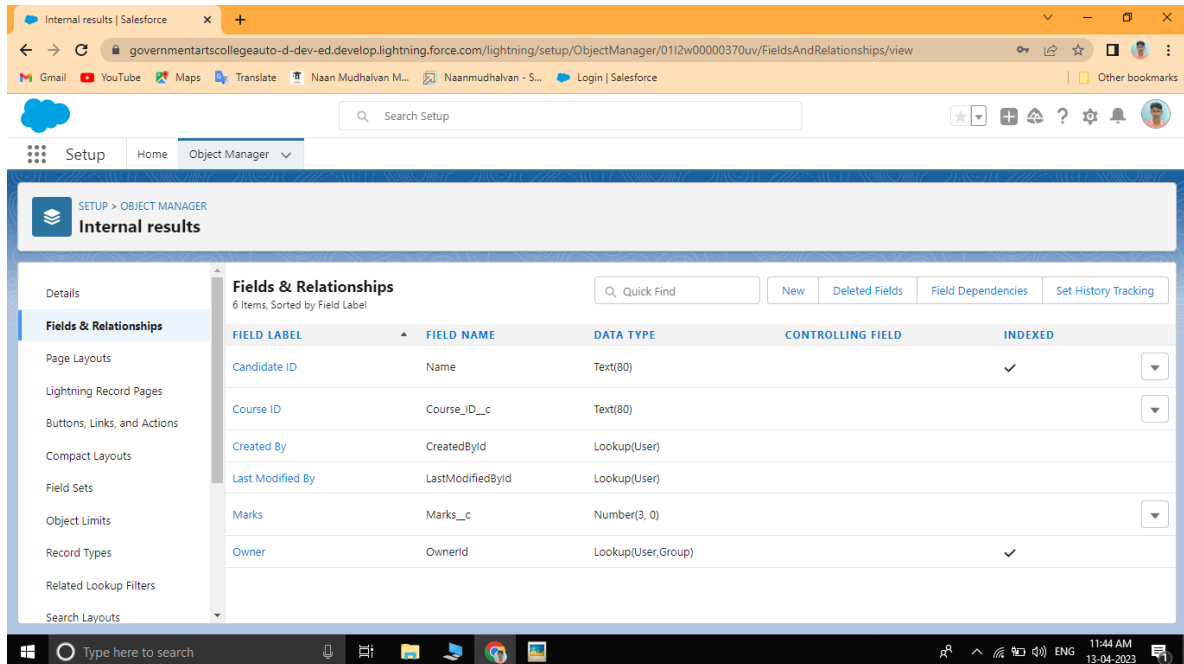
## In Lecturer Details Object



The screenshot shows the Salesforce interface for the 'Lecturer Details' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Fields & Relationships' and shows a table of fields for the 'Lecturer Details' object. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Course Details (Lookup(Course Details)), Course ID (Text(80)), Created By (Lookup(User)), Last Modified By (Lookup(User)), Lecturer Name (Text(80)), Lecturer Role (Text(80)), and Owner (Lookup(User,Group)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course Details	Course_Details__c	Lookup(Course Details)		✓
Course ID	Course_ID__c	Text(80)		
Created By	CreatedBy	Lookup(User)		
Last Modified By	LastModifiedBy	Lookup(User)		
Lecturer Name	Name	Text(80)		✓
Lecturer Role	Lecturer_Role__c	Text(80)		
Owner	OwnerId	Lookup(User,Group)		✓

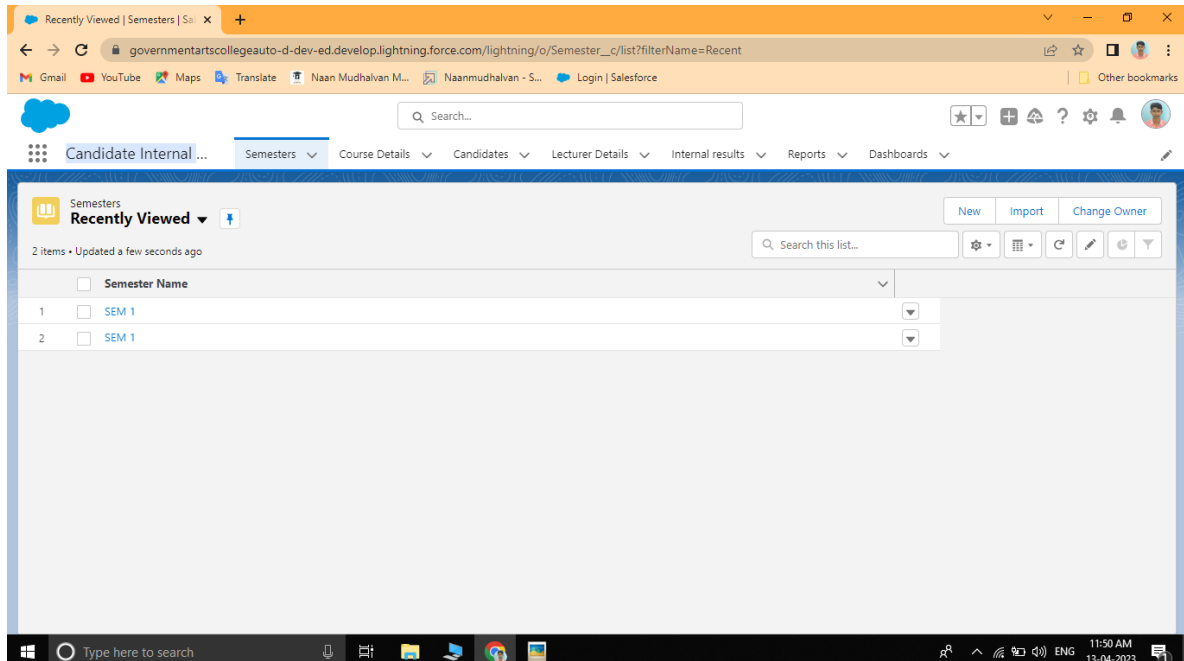
## In Internal Results Object



The screenshot shows the Salesforce Object Manager interface for the 'Internal results' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Fields & Relationships' and shows a table of 6 items, sorted by Field Label. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The data rows are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Candidate ID	Name	Text(80)		✓
Course ID	Course_ID__c	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Marks	Marks__c	Number(3, 0)		✓
Owner	OwnerId	Lookup(User, Group)		✓

## Lightning App : Candidate Internal Result Card

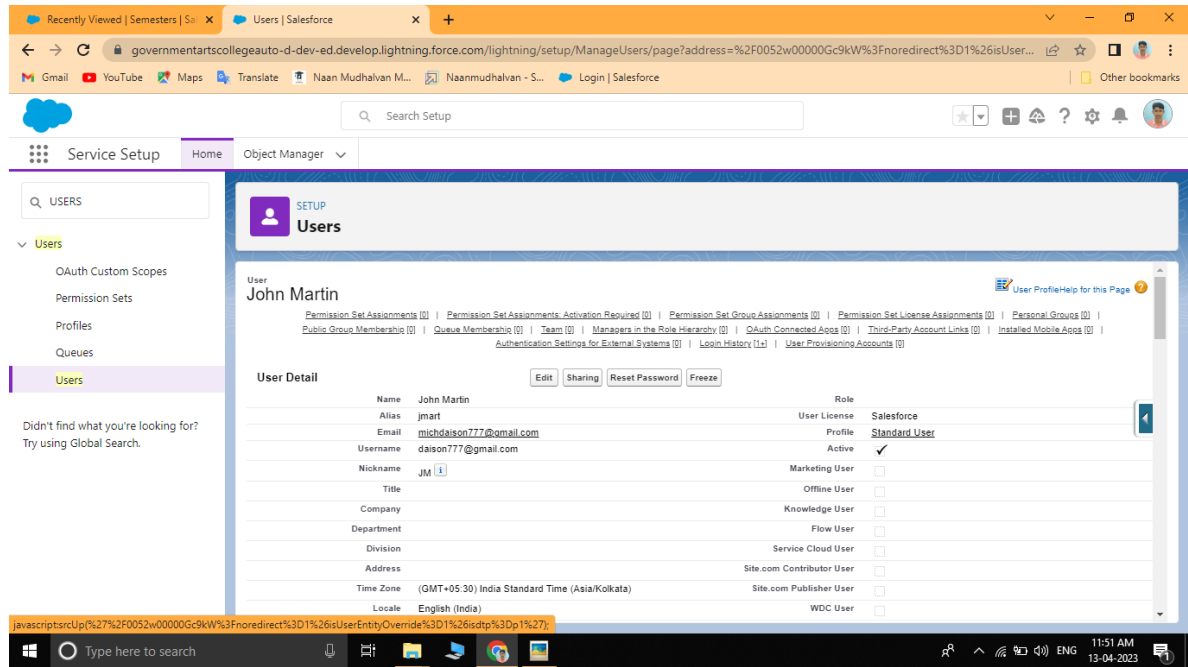


The screenshot shows the Salesforce Lightning App interface for the 'Candidate Internal Result Card'. The top navigation bar includes 'Candidate Internal...' (selected), 'Semesters', 'Course Details', 'Candidates', 'Lecturer Details', 'Internal results', 'Reports', and 'Dashboards'. The main content area is titled 'Semesters' and shows a list of 2 items, updated a few seconds ago. The list has a column 'Semester Name' and contains two rows:

	Semester Name
1	SEM 1
2	SEM 1



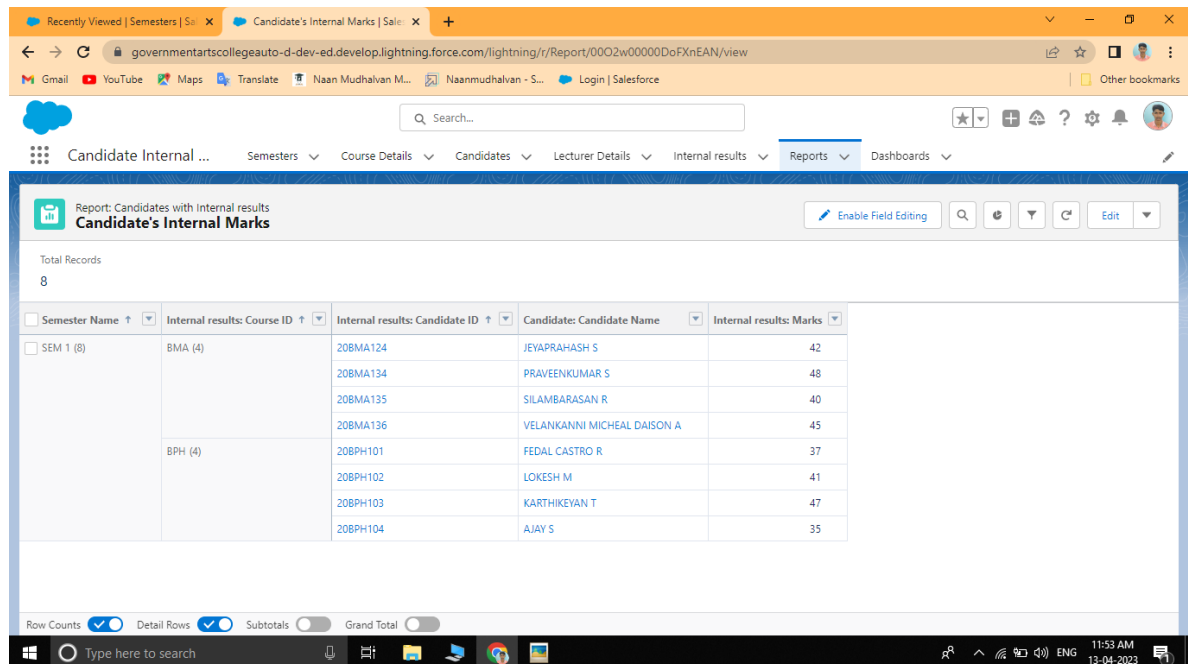
## CREATED USERS : John Martin



The screenshot shows the Salesforce 'Users' setup page for a user named John Martin. The page includes a sidebar with navigation options like 'Service Setup', 'Home', and 'Object Manager'. The main content area displays the user's details, including Name, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, and Locale. The 'User Detail' section also shows the user's role (Salesforce), license (Standard User), and various permissions and settings.

Field	Value
Name	John Martin
Alias	jmart
Email	michdaison777@gmail.com
Username	daison777@gmail.com
Nickname	JM
Title	
Company	
Department	
Division	
Address	
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)
Locale	English (India)
Role	Salesforce
User License	Standard User
Profile	Standard User
Active	<input checked="" type="checkbox"/>
Marketing User	<input type="checkbox"/>
Offline User	<input type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>

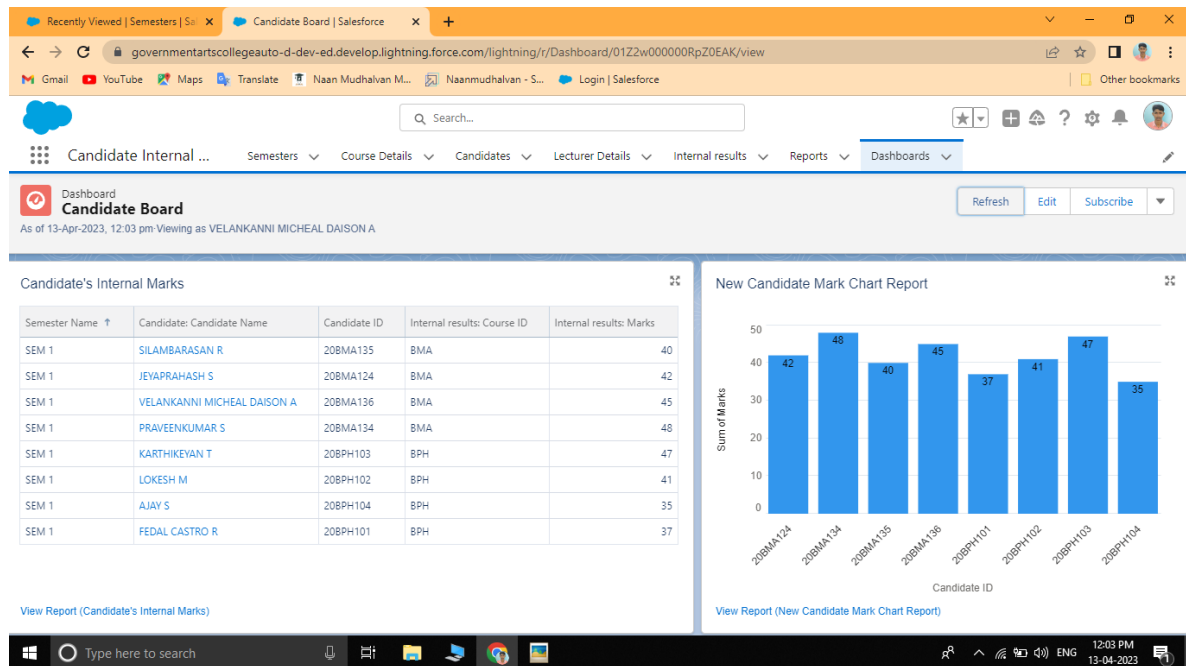
## CREATED REPORTS: Candidate's Internal Marks



The screenshot shows the Salesforce 'Reports' page for a report titled 'Candidate's Internal Marks'. The report displays a table of internal marks for candidates, organized by semester and course. The table includes columns for Semester Name, Internal results: Course ID, Internal results: Candidate ID, Candidate: Candidate Name, and Internal results: Marks.

Semester Name	Internal results: Course ID	Internal results: Candidate ID	Candidate: Candidate Name	Internal results: Marks
SEM 1 (8)	BMA (4)	20BMA124	JEVAPRAHASH S	42
		20BMA134	PRAVEENKUMAR S	48
		20BMA135	SILAMBARASAN R	40
		20BMA136	VELANKANNI MICHEAL DAISON A	45
	BPH (4)	20BPH101	FEDAL CASTRO R	37
		20BPH102	LOKESH M	41
		20BPH103	KARTHIKEYAN T	47
		20BPH104	AJAY S	35

## CREATED DASHBOARDS: Candidate Board



#### 4. Trailhead Profile Public URL :

- ❖ Team Lead - <https://trailblazer.me/id/daison>
- ❖ Team Member 1 - <https://trailblazer.me/id/sjprakash>
- ❖ Team Member 2 - <https://trailblazer.me/id/praveenkumar2>
- ❖ Team Member 3 - <https://trailblazer.me/id/silambarasan1403>

## **ADVANTAGES & DISADVANTAGE :**

### **ADVANTAGES :**

- ❖ Low cost
- ❖ Long time availability
- ❖ Easily modified
- ❖ Easy documentation
- ❖ Effective

### **DISADVANTAGES :**

- ❖ Data may be lost
- ❖ Data may be accessed by third party
- ❖ High access may cause server problem

## **5. APPLICATIONS**

- ❖ Publishing results in schools and college on we
- ❖ More data can be published in less interval of time

## **6. CONCLUSION**

We have created a webpage that is used to view the results of the candidates with internal marks. This system will greatly simplify the processing time of publishing the results of the students. This enhances the presentation of empirical data in one webpage. In this project we have done publishing student's results in online platform which enable to see results from anywhere at anytime possible across the world.

## **7. FUTURE SCOPE**

- ❖ As the mode of publishing results in online, we can easily retrieve, revise, modify and re-release the data in future from wherever.