

1 INTRODUCTION

1.1 Overview

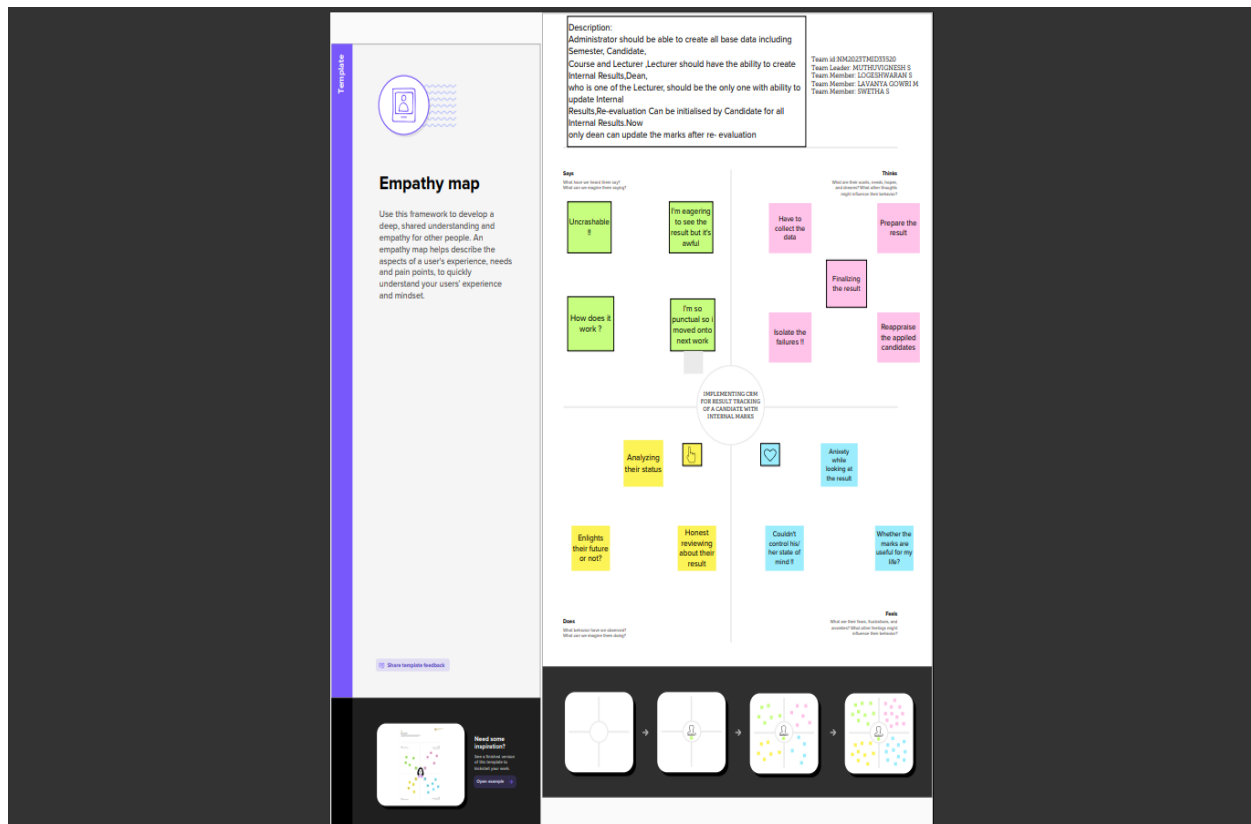
Implementing CRM for result tracking of a candidate with internal marks.

1.2 Purpose

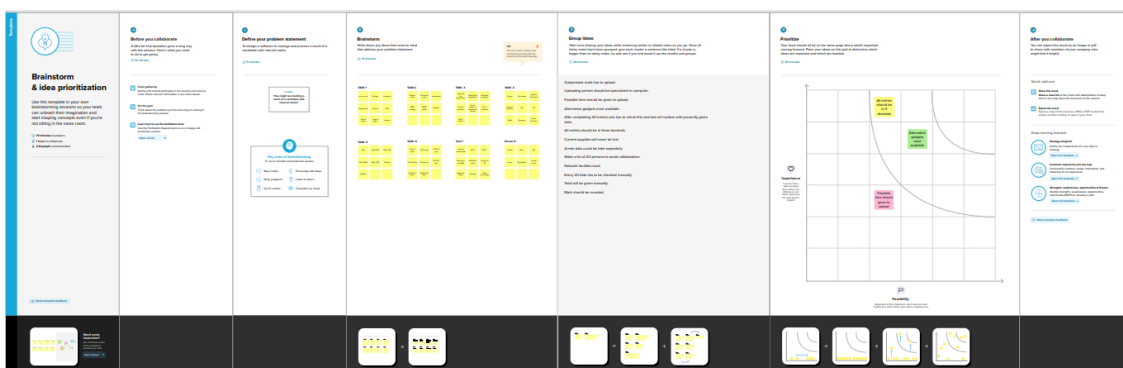
Easily we can see our internal result and we will know how much we have to develop.

2 Problem Definition and Design Thinking

2.1 Empathy Map



2.2 Ideation and Brainstorming Map



3 RESULT

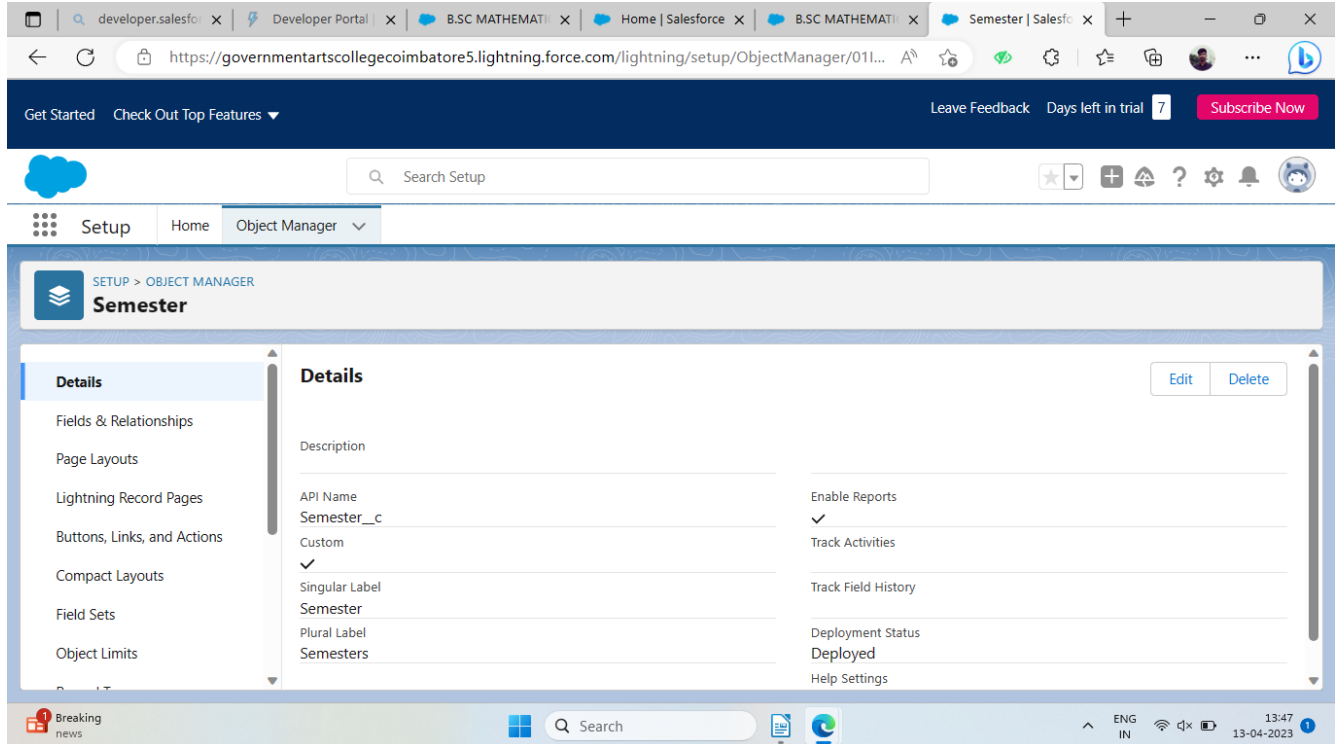
3.1 Data Model:

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 Result	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	Number

3.2 Activity and Screenshots

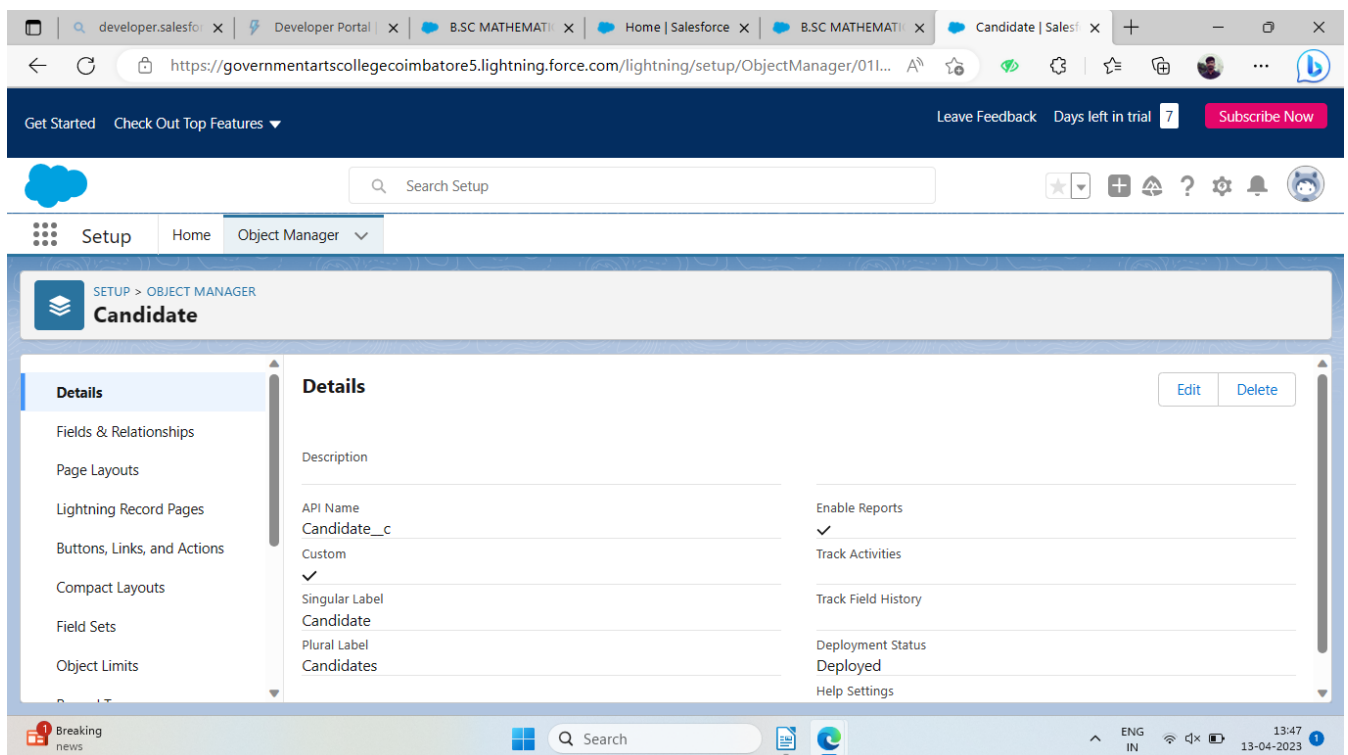
Creating objects:

1. Semester:



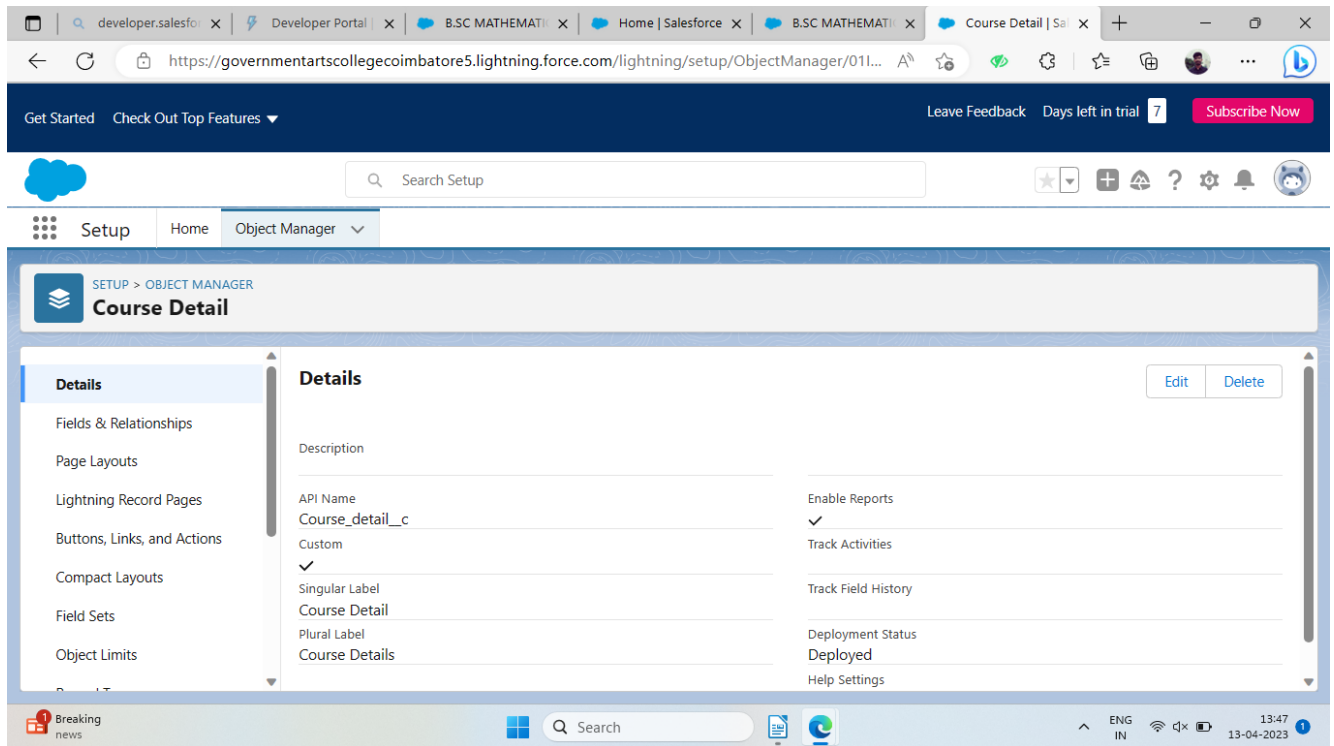
The screenshot shows the Salesforce Object Manager setup page for the 'Semester' object. The browser tabs include 'developer.salesforce', 'Developer Portal', 'B.SC MATHEMATICS', 'Home | Salesforce', 'B.SC MATHEMATICS', and 'Semester | Salesforce'. The URL is 'https://governmentartscollegecoimbatore5.lightning.force.com/lightning/setup/ObjectManager/011...'. The page header shows 'Get Started', 'Check Out Top Features', 'Leave Feedback', 'Days left in trial 7', and 'Subscribe Now'. The left sidebar has a search bar and navigation links: Setup, Home, and Object Manager. The main content area is titled 'Semester' and shows the 'Details' tab. The details include: Description, API Name (Semester__c), Custom (checked), Singular Label (Semester), Plural Label (Semesters), Enable Reports (checked), Track Activities, Track Field History, Deployment Status (Deployed), and Help Settings. The bottom status bar shows 'Breaking news', a search bar, and system icons for language (ENG IN), network, and time (13:47, 13-04-2023).

2. Candidate:



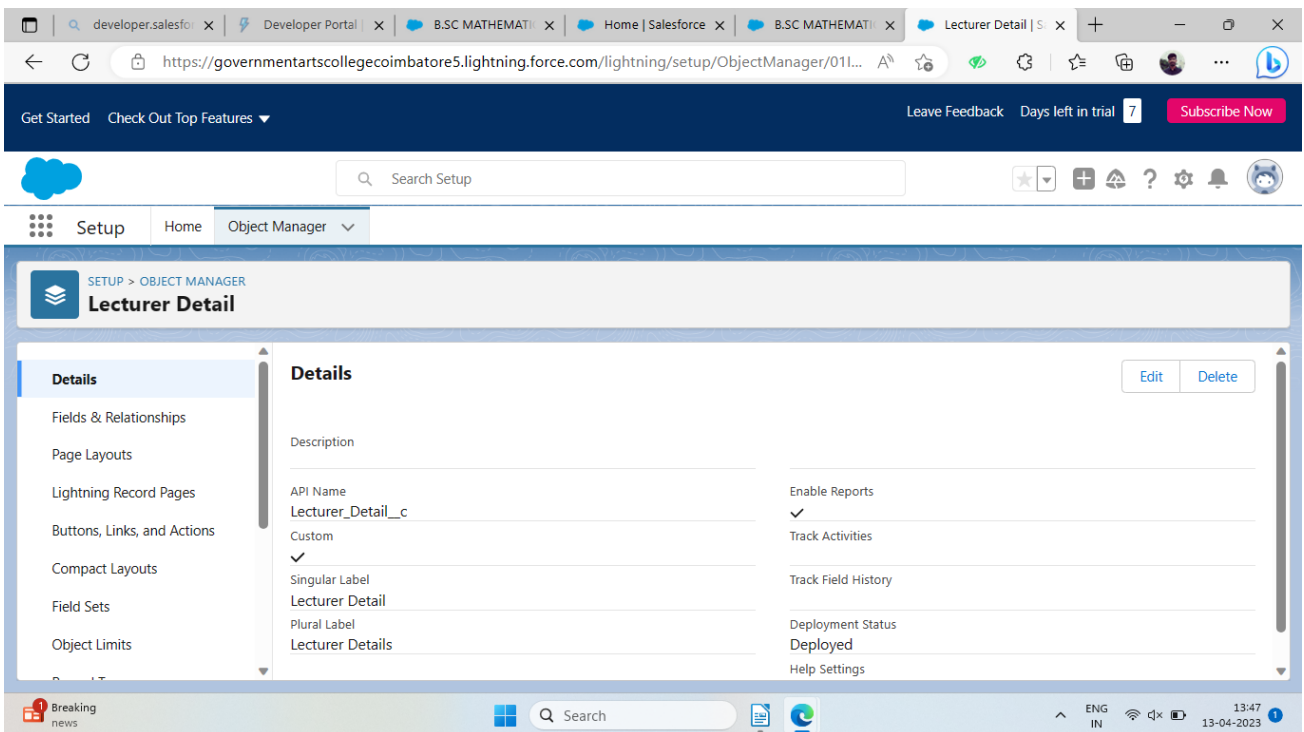
The screenshot shows the Salesforce Object Manager setup page for the 'Candidate' object. The browser tabs include 'developer.salesforce', 'Developer Portal', 'B.SC MATHEMATICS', 'Home | Salesforce', 'B.SC MATHEMATICS', and 'Candidate | Salesforce'. The URL is 'https://governmentartscollegecoimbatore5.lightning.force.com/lightning/setup/ObjectManager/011...'. The page header shows 'Get Started', 'Check Out Top Features', 'Leave Feedback', 'Days left in trial 7', and 'Subscribe Now'. The left sidebar has a search bar and navigation links: Setup, Home, and Object Manager. The main content area is titled 'Candidate' and shows the 'Details' tab. The details include: Description, API Name (Candidate__c), Custom (checked), Singular Label (Candidate), Plural Label (Candidates), Enable Reports (checked), Track Activities, Track Field History, Deployment Status (Deployed), and Help Settings. The bottom status bar shows 'Breaking news', a search bar, and system icons for language (ENG IN), network, and time (13:47, 13-04-2023).

3. Course details:



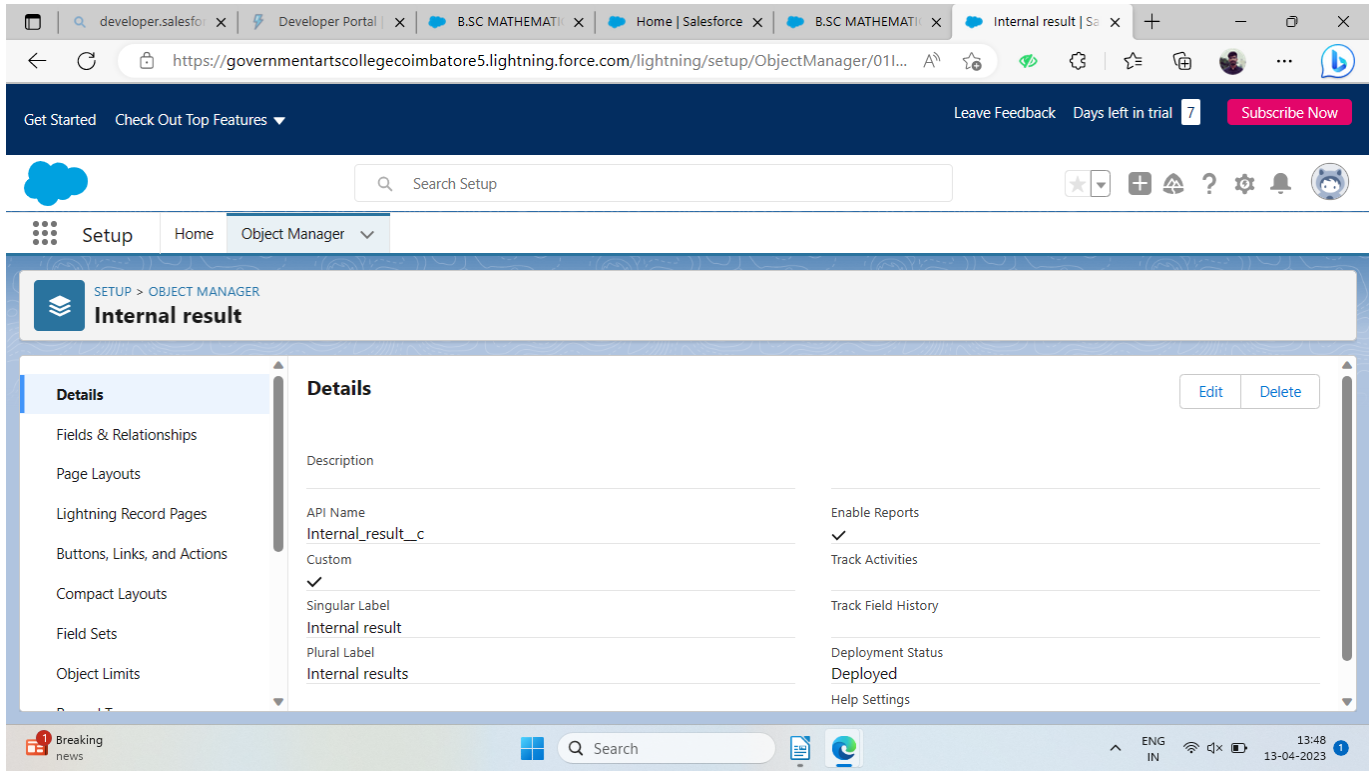
The screenshot shows the Salesforce Lightning interface for the 'Course Detail' page. The browser tabs include 'developer.salesforce.com', 'Developer Portal', 'B.SC MATHEMATICS', 'Home | Salesforce', and 'Course Detail | Salesforce'. The URL is 'https://governmentartscollegecoimbatore5.lightning.force.com/lightning/setup/ObjectManager/011...'. The page header has links for 'Get Started', 'Check Out Top Features', 'Leave Feedback', 'Days left in trial 7', and a 'Subscribe Now' button. The main navigation bar shows 'Setup', 'Home', and 'Object Manager'. The left sidebar lists various setup options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, and Object Limits. The 'Details' section is active, showing fields for Description, API Name (Course_detail__c), Custom (checked), Singular Label (Course Detail), Plural Label (Course Details), Enable Reports (checked), Track Activities, Track Field History, Deployment Status (Deployed), and Help Settings. 'Edit' and 'Delete' buttons are visible in the top right of the details section.

4. Lecturer details:



The screenshot shows the Salesforce Lightning interface for the 'Lecturer Detail' page. The browser tabs include 'developer.salesforce.com', 'Developer Portal', 'B.SC MATHEMATICS', 'Home | Salesforce', and 'Lecturer Detail | Salesforce'. The URL is 'https://governmentartscollegecoimbatore5.lightning.force.com/lightning/setup/ObjectManager/011...'. The page header has links for 'Get Started', 'Check Out Top Features', 'Leave Feedback', 'Days left in trial 7', and a 'Subscribe Now' button. The main navigation bar shows 'Setup', 'Home', and 'Object Manager'. The left sidebar lists various setup options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, and Object Limits. The 'Details' section is active, showing fields for Description, API Name (Lecturer_Detail__c), Custom (checked), Singular Label (Lecturer Detail), Plural Label (Lecturer Details), Enable Reports (checked), Track Activities, Track Field History, Deployment Status (Deployed), and Help Settings. 'Edit' and 'Delete' buttons are visible in the top right of the details section.

5. Internal result:



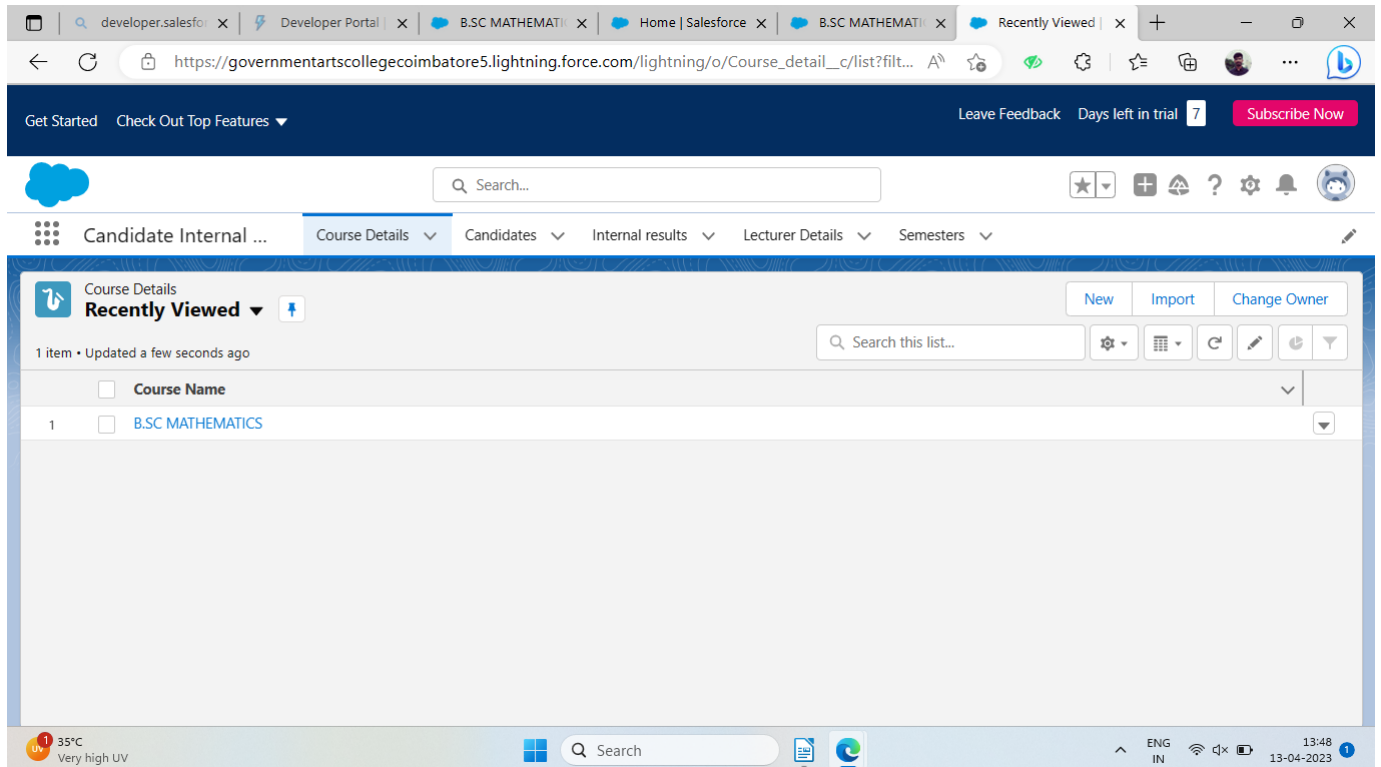
The screenshot shows the Salesforce Lightning Setup interface for the 'Internal result' object. The browser tabs include 'developer.salesforce.com', 'Developer Portal', 'B.SC MATHEMATICS', 'Home | Salesforce', and 'Internal result | Setup'. The URL is 'https://governmentartscollegecoimbatore5.lightning.force.com/lightning/setup/ObjectManager/011...'. The page header shows 'Get Started', 'Check Out Top Features', 'Leave Feedback', 'Days left in trial 7', and 'Subscribe Now'.

The main content area is titled 'Internal result' under 'SETUP > OBJECT MANAGER'. It features a left sidebar with navigation options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, and Object Limits. The 'Details' section is active, showing the following information:

- Description:** (Empty text field)
- API Name:** Internal_result__c
- Custom:** ☒
- Singular Label:** Internal result
- Plural Label:** Internal results
- Enable Reports:** ☒
- Track Activities:** ☐
- Track Field History:** ☐
- Deployment Status:** Deployed
- Help Settings:** (Link)

The bottom of the screen shows a Windows taskbar with a search bar, task icons, and system tray information including 'ENG IN', '13:48', and '13-04-2023'.

LIGHTNING APP:



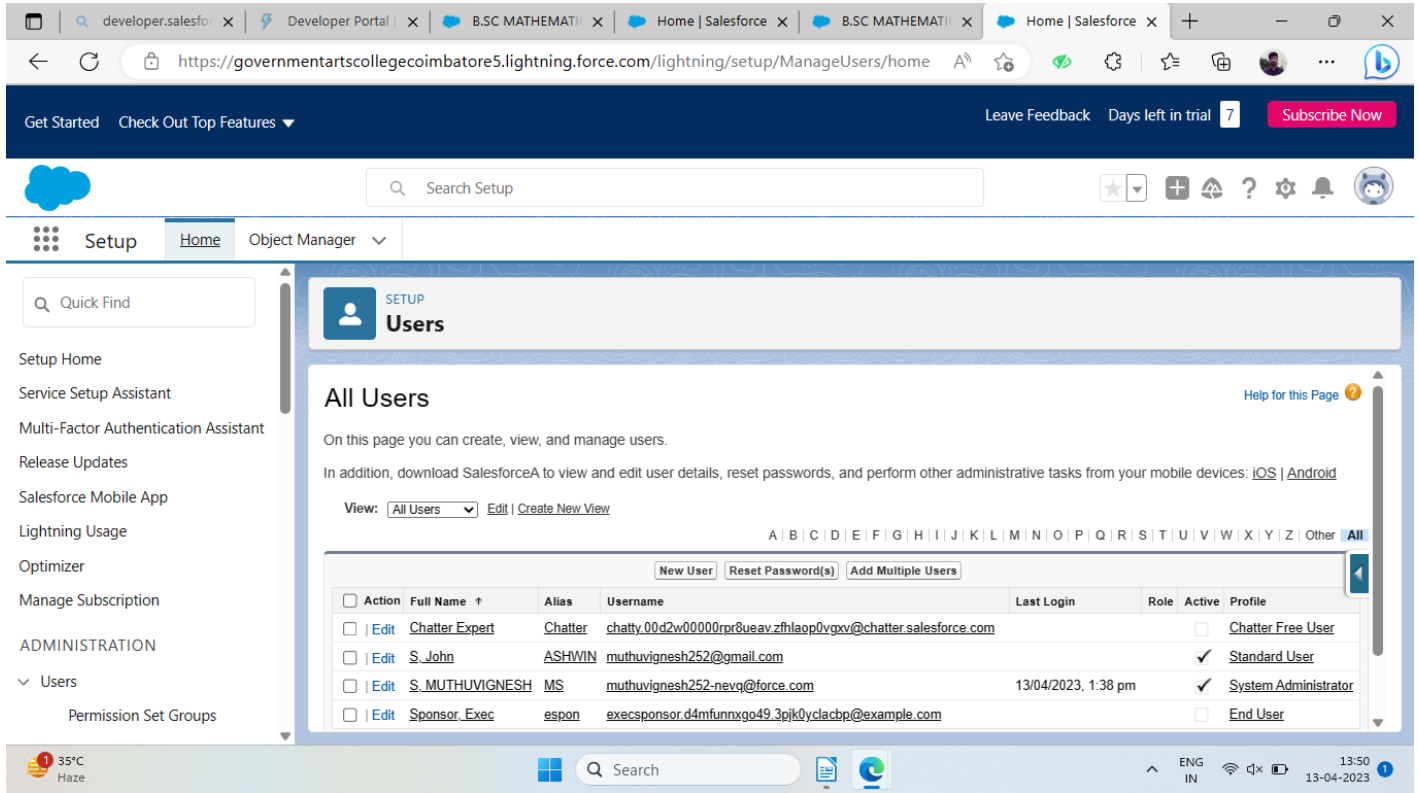
The screenshot shows the Salesforce Lightning App interface for the 'Course Details' section. The browser tabs include 'developer.salesforce.com', 'Developer Portal', 'B.SC MATHEMATICS', 'Home | Salesforce', and 'Recently Viewed |'. The URL is 'https://governmentartscollegecoimbatore5.lightning.force.com/lightning/o/Course_detail__c/list?filt...'. The page header shows 'Get Started', 'Check Out Top Features', 'Leave Feedback', 'Days left in trial 7', and 'Subscribe Now'.

The main content area is titled 'Course Details' under 'Candidate Internal ...'. It features a left sidebar with navigation options: Course Details, Candidates, Internal results, Lecturer Details, and Semesters. The 'Course Details' section is active, showing a list of courses. The list has a search bar and a 'Search this list...' button. The list contains one item:

Course Name
1 B.SC MATHEMATICS

The bottom of the screen shows a Windows taskbar with a search bar, task icons, and system tray information including '35°C', 'Very high UV', 'ENG IN', '13:48', and '13-04-2023'.

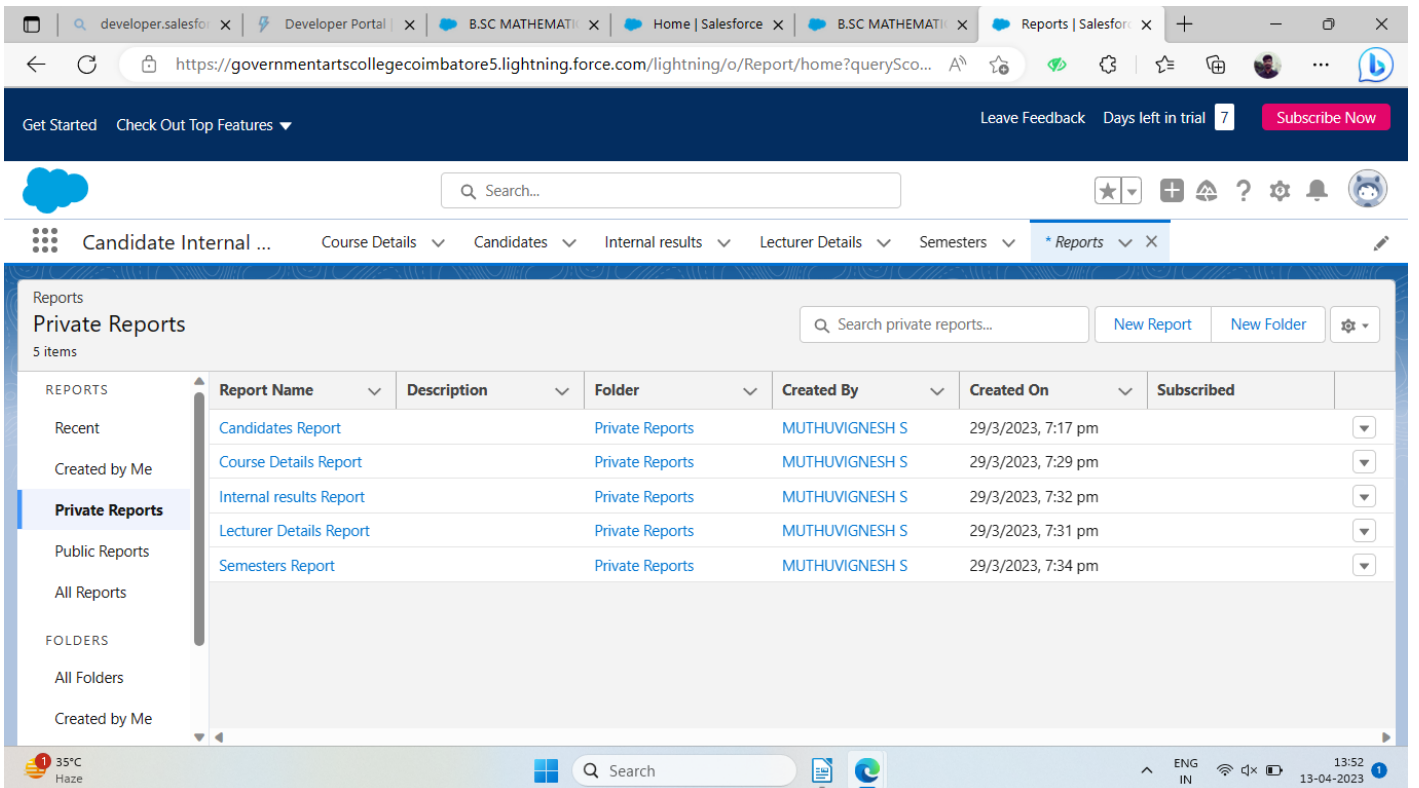
USERS:



The screenshot shows the Salesforce 'Users' management page. The left sidebar contains navigation links for Setup Home, Service Setup Assistant, Multi-Factor Authentication Assistant, Release Updates, Salesforce Mobile App, Lightning Usage, Optimizer, Manage Subscription, and ADMINISTRATION (Users, Permission Set Groups). The main content area is titled 'All Users' and includes a search bar, a 'View' dropdown set to 'All Users', and a table of users. The table has columns for Action, Full Name, Alias, Username, Last Login, Role, Active, and Profile. The users listed are Chatter Expert, S. John, S. MUTHUVIGNESH, and Sponsor_Exec.

Action	Full Name	Alias	Username	Last Login	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatty.00d2w00000rpr8ueav.zfhlaop0vgxv@chatter.salesforce.com		Chatter Free User	<input type="checkbox"/>	Chatter Free User
<input type="checkbox"/> Edit	S. John	ASHWIN	muthuvignesh252@gmail.com		Standard User	<input checked="" type="checkbox"/>	Standard User
<input type="checkbox"/> Edit	S. MUTHUVIGNESH	MS	muthuvignesh252-nevq@force.com	13/04/2023, 1:38 pm	System Administrator	<input checked="" type="checkbox"/>	System Administrator
<input type="checkbox"/> Edit	Sponsor_Exec	espon	execsponsor.d4mfunnxgp49.3pjk0yclacbp@example.com		End User	<input type="checkbox"/>	End User

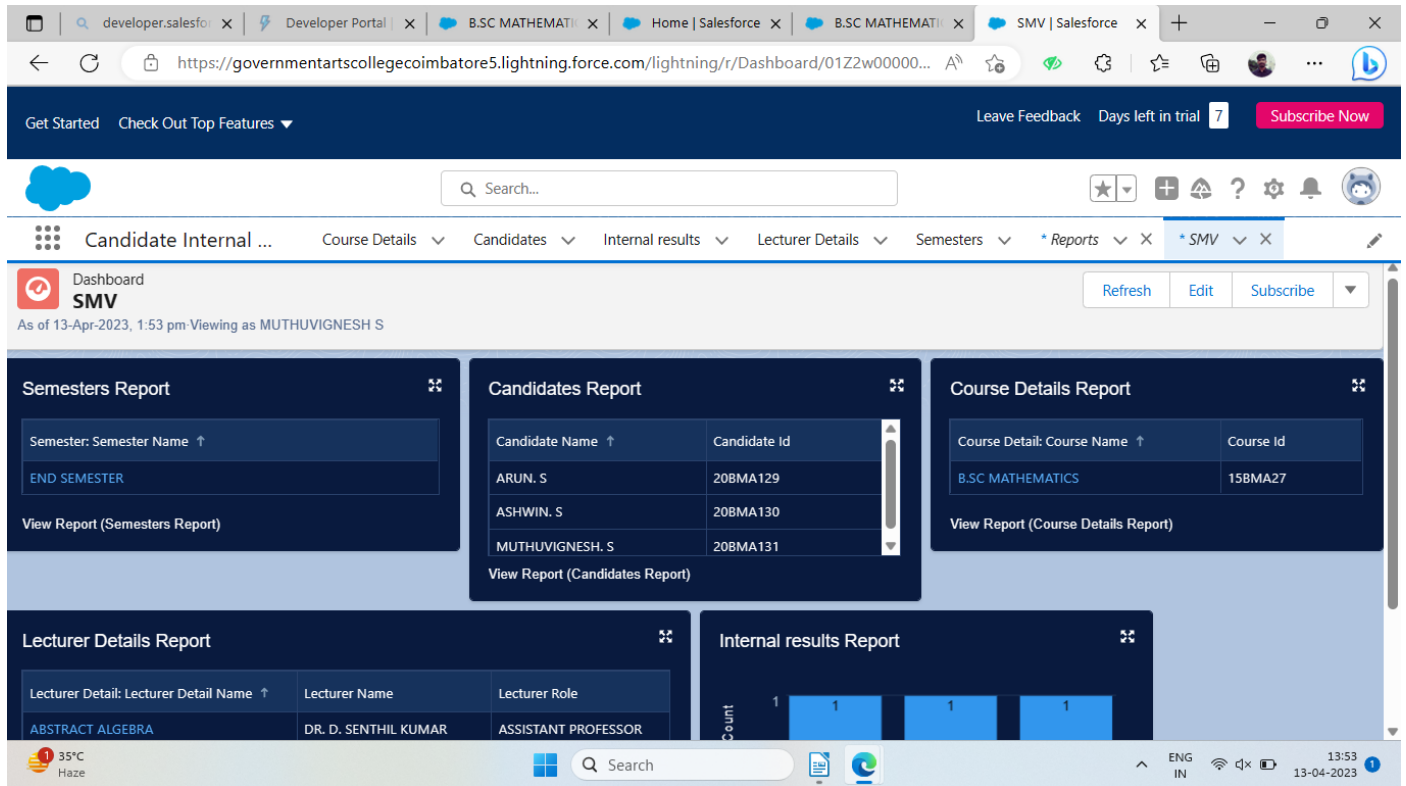
REPORTS:



The screenshot shows the Salesforce 'Reports' page. The left sidebar contains navigation links for Candidate Internal ..., Course Details, Candidates, Internal results, Lecturer Details, Semesters, and Reports. The main content area is titled 'Private Reports' and includes a search bar, a 'New Report' button, and a table of reports. The table has columns for Report Name, Description, Folder, Created By, Created On, and Subscribed. The reports listed are Candidates Report, Course Details Report, Internal results Report, Lecturer Details Report, and Semesters Report.

Report Name	Description	Folder	Created By	Created On	Subscribed
Candidates Report		Private Reports	MUTHUVIGNESH S	29/3/2023, 7:17 pm	<input type="checkbox"/>
Course Details Report		Private Reports	MUTHUVIGNESH S	29/3/2023, 7:29 pm	<input type="checkbox"/>
Internal results Report		Private Reports	MUTHUVIGNESH S	29/3/2023, 7:32 pm	<input type="checkbox"/>
Lecturer Details Report		Private Reports	MUTHUVIGNESH S	29/3/2023, 7:31 pm	<input type="checkbox"/>
Semesters Report		Private Reports	MUTHUVIGNESH S	29/3/2023, 7:34 pm	<input type="checkbox"/>

DASHBOARDS:



Dashboard SMV
As of 13-Apr-2023, 1:53 pm Viewing as MUTHUVIGNESH S

Semesters Report

Semester: Semester Name ↑
END SEMESTER

[View Report \(Semesters Report\)](#)

Candidates Report

Candidate Name ↑	Candidate Id
ARUN. S	20BMA129
ASHWIN. S	20BMA130
MUTHUVIGNESH. S	20BMA131

[View Report \(Candidates Report\)](#)

Course Details Report

Course Detail: Course Name ↑	Course Id
B.SC MATHEMATICS	15BMA27

[View Report \(Course Details Report\)](#)

Lecturer Details Report

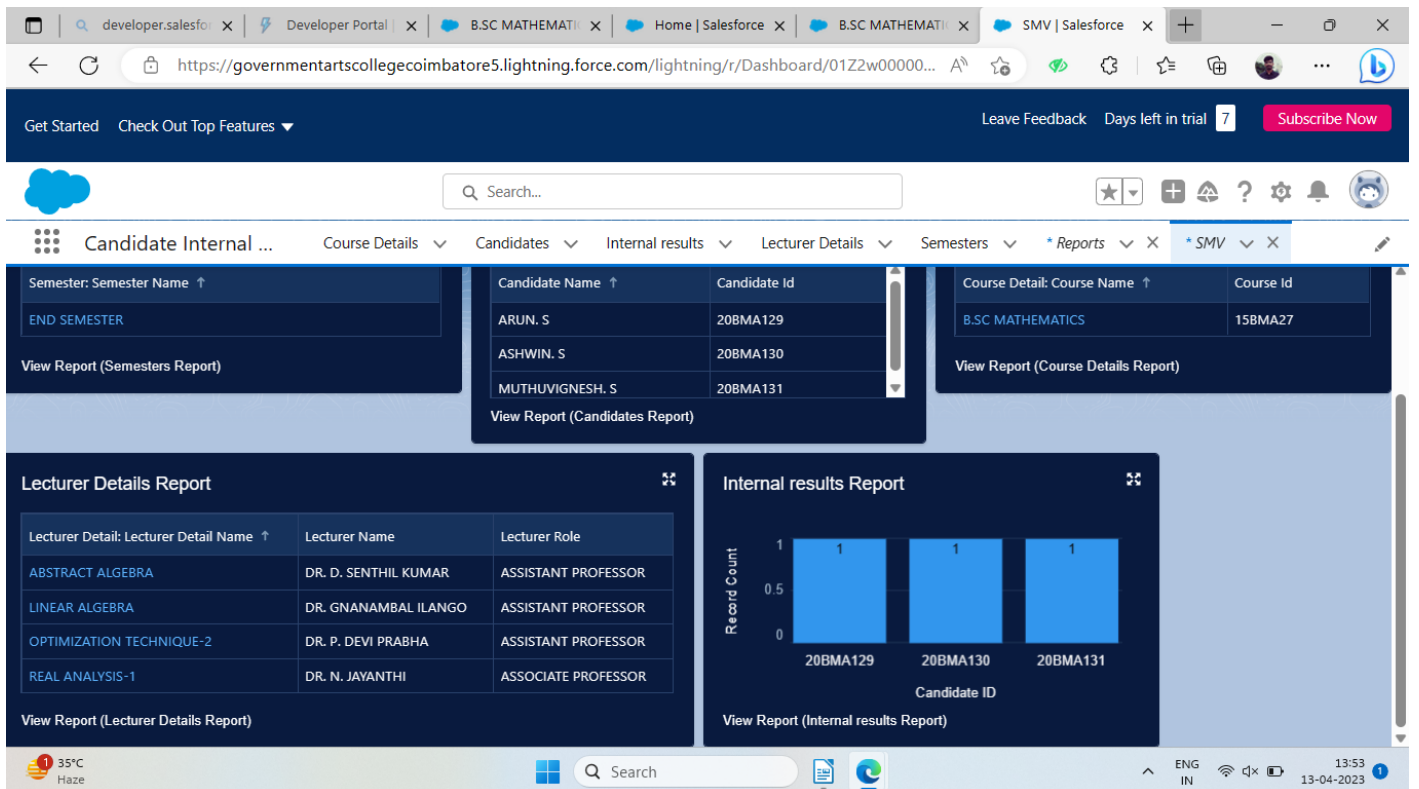
Lecturer Detail: Lecturer Detail Name ↑	Lecturer Name	Lecturer Role
ABSTRACT ALGEBRA	DR. D. SENTHIL KUMAR	ASSISTANT PROFESSOR

Internal results Report

Count

Candidate ID	Count
20BMA129	1
20BMA130	1
20BMA131	1

[View Report \(Internal results Report\)](#)



Dashboard SMV
As of 13-Apr-2023, 1:53 pm Viewing as MUTHUVIGNESH S

Semesters Report

Semester: Semester Name ↑
END SEMESTER

[View Report \(Semesters Report\)](#)

Candidates Report

Candidate Name ↑	Candidate Id
ARUN. S	20BMA129
ASHWIN. S	20BMA130
MUTHUVIGNESH. S	20BMA131

[View Report \(Candidates Report\)](#)

Course Details Report

Course Detail: Course Name ↑	Course Id
B.SC MATHEMATICS	15BMA27

[View Report \(Course Details Report\)](#)

Lecturer Details Report

Lecturer Detail: Lecturer Detail Name ↑	Lecturer Name	Lecturer Role
ABSTRACT ALGEBRA	DR. D. SENTHIL KUMAR	ASSISTANT PROFESSOR
LINEAR ALGEBRA	DR. GNANAMBAL ILANGO	ASSISTANT PROFESSOR
OPTIMIZATION TECHNIQUE-2	DR. P. DEVI PRABHA	ASSISTANT PROFESSOR
REAL ANALYSIS-1	DR. N. JAYANTHI	ASSOCIATE PROFESSOR

[View Report \(Lecturer Details Report\)](#)

Internal results Report

Record Count

Candidate ID	Record Count
20BMA129	1
20BMA130	1
20BMA131	1

[View Report \(Internal results Report\)](#)

Project Report

4 Trailhead Profile Public URL

TEAM LEAD - <https://trailblazer.me/id/muthuvignesh>

TEAM MEMBER 1 - <https://trailblazer.me/id/logesh128>

TEAM MEMBER 2 - <https://trailblazer.me/id/lgowrim>

5 ADVANTAGES:

- *It provide good visualization of result.
- *User can know their ability level.
- *It provide accurate result for the candidate.
- *It is so punctual to give the results.
- *A candidate can view their result wherever and whenever they are.

DISADVANTAGES:

- *It may cause an error
- *There is an technical issues at sometimes
- *There may be a chaos in viewing the result.
- *Human error and miscalculations will be done.

6 APPLICATIONS

This project helps to give the results for colleges and schools. This can be used to make a decision about their strength. It is used to analyze lecturer's level.

7 CONCLUSION

Here we are giving an app that is used to view the result of a candidate with their internal result. 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 initilized by Candidate for all Internal Results. Now only dean can update the marks after re-evaluation.

8 FUTURE SCOPE

In future we are able to conclude our talent year by year by using the CRM result tracking.