

Project Report Template

1 Introduction

1.1 Overview

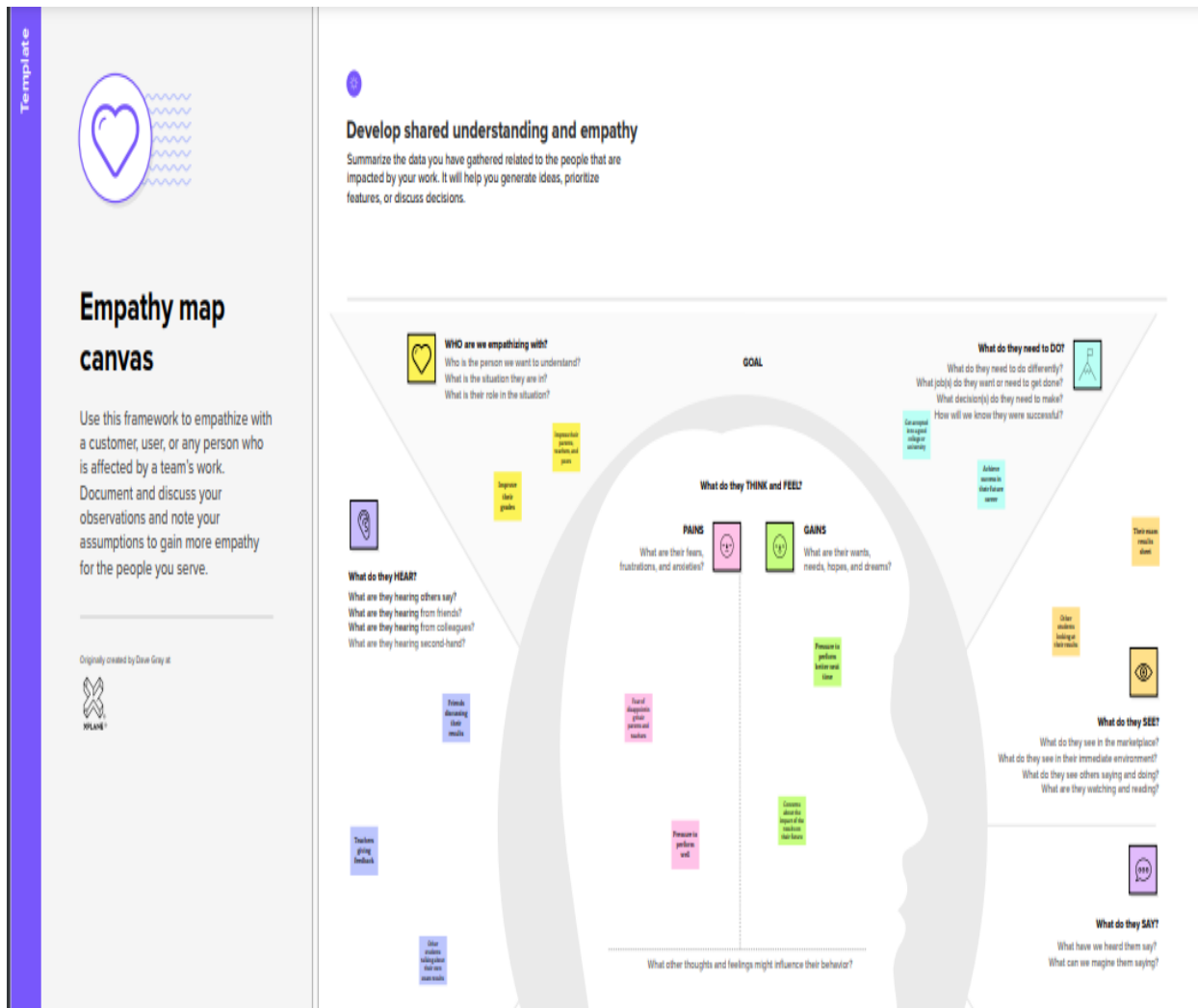
The creating salesforce developer org is the first step of project activity and create username and password is mainly to enter salesforce.com. Candidate Marks we need to create 5 Objects it's Semester, Candidate, Course details, Lecturer details, Internal results. All the milestones are made based on this 5 objects. Totally 7 Milestones are given create salesforce Developer account, Objects, Field and Relationships, Lightning App, Users, Reports and Dashboards. Each milestones or Activities is related to other milestones. Second Milestone is to create a custom objects and custom tabs for 5 objects. Third Milestone, Relationships are created by creating custom relationship fields on an objects. Fourth Milestone, creating the Lightning app named as "Candidate Internal Result Card" app. Fifth Milestone, Creating a different Users in candidate company's records. Every user in salesforce has a user account. Sixth Milestone, Creating a reports in candidate internal results. Final Milestone, Create Dashboards, they are able to view your Dashboard's data-supplying reports.

1.2 Purpose

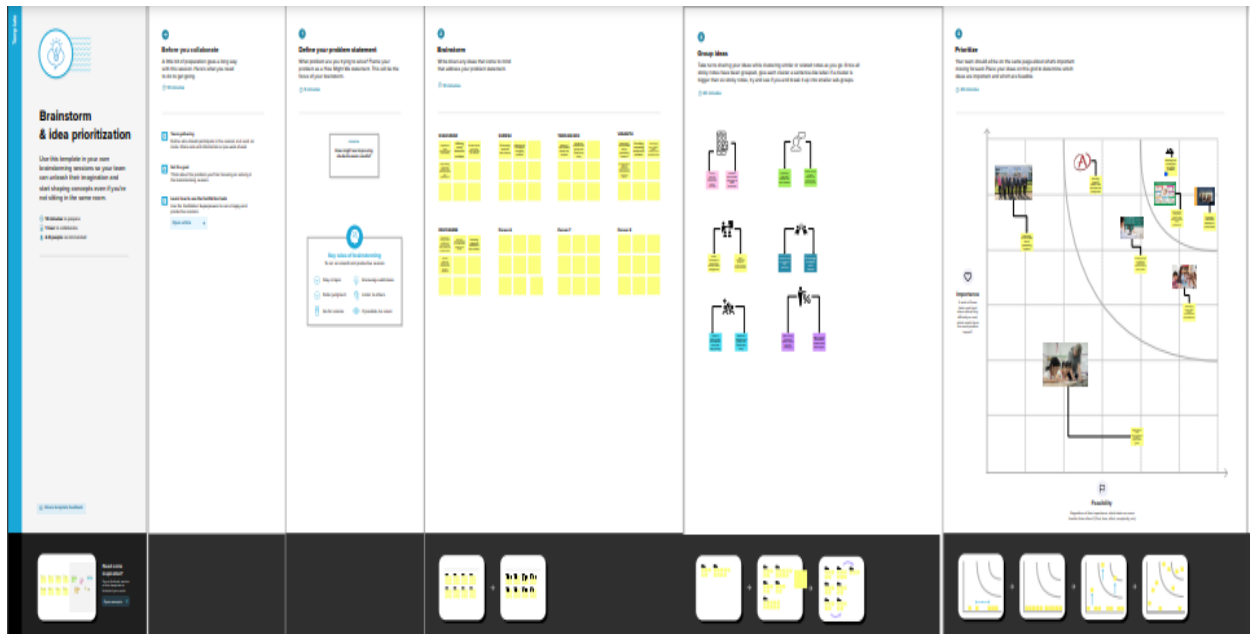
Implementing a CRM system for result tracking of candidates with internal marks can help to streamline processes, improve data accuracy and completeness, provide real-time visibility into academic progress, enable data analysis and reporting, and enhance communication and collaboration among stakeholders involved in the education process. The purpose of a Candidate Internal Result Card, app in Salesforce would be to provide a centralized platform for managing and tracking the results of candidates who have applied for a job within an organization.

2 Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstorming Map



3 RESULT

3.1 Data Model

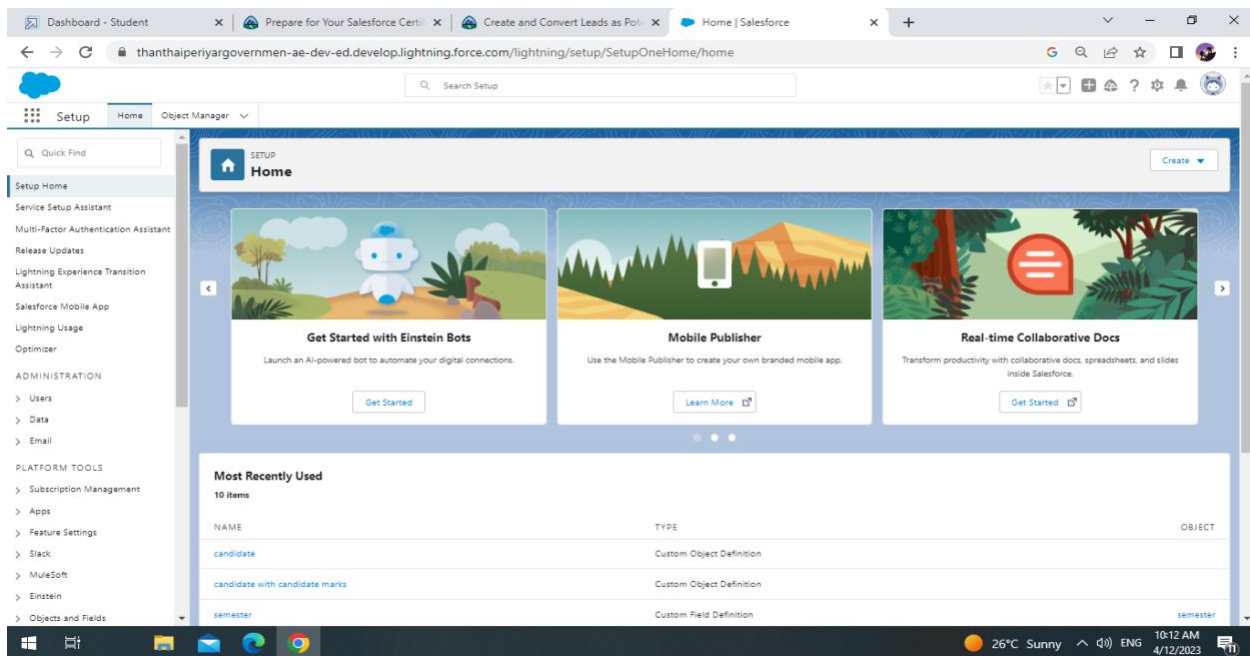
Object name	Filed in the object	
Semester	Field label	Data Type
	Semester Name	Text
	Course	Look-up relationship

Candidate		
	Field label	Data Type
	Candidate Name	Text
	Candidate ID	Text
	Semester Name	Text
	Internal Results	Look-up relationship
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	Look-up relationship
Internal Results		
	Field label	Data Type
	Candidate ID	Text
	Course ID	Text
	Marks	Text

3.2 Activity & Screenshot

Activity - 1

Creation of salesforce developer account

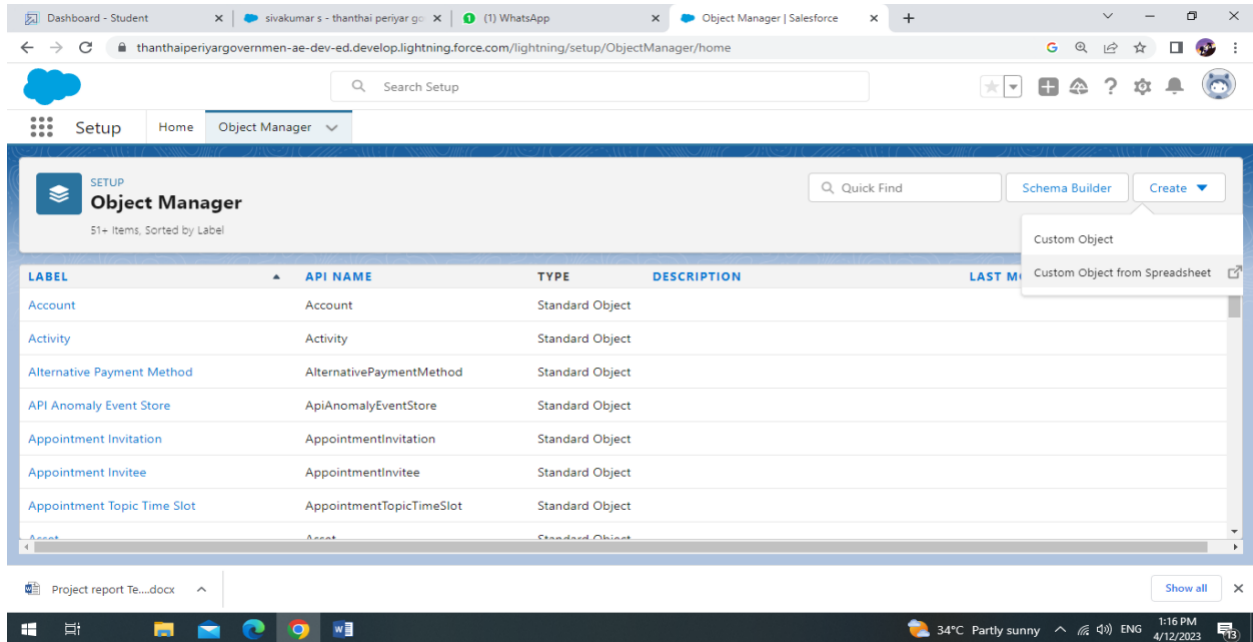


Description :

- To create an account on salesforce.org.
- After login to Salesforce account enter username and password.
- After login this homepage you will start the project.

Activity – 2

Creating a custom Objects



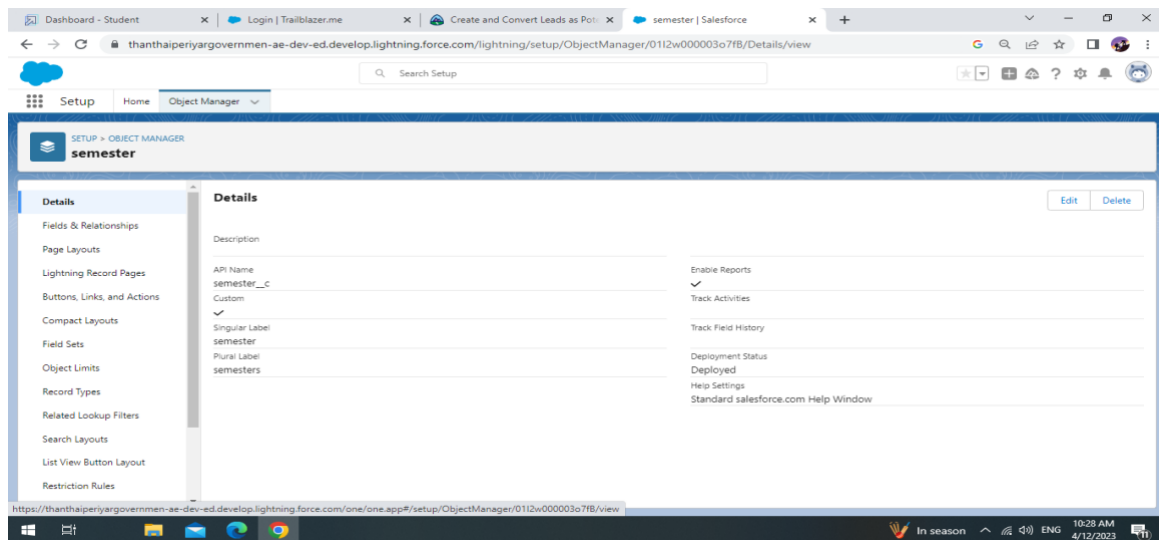
Description :

- Creation of objects for candidate internal result card, we need create 5 objects, related to internal results.
- Create the object as follows, enter label, plural label, record name, etc.
- This step to follow Create given objects.

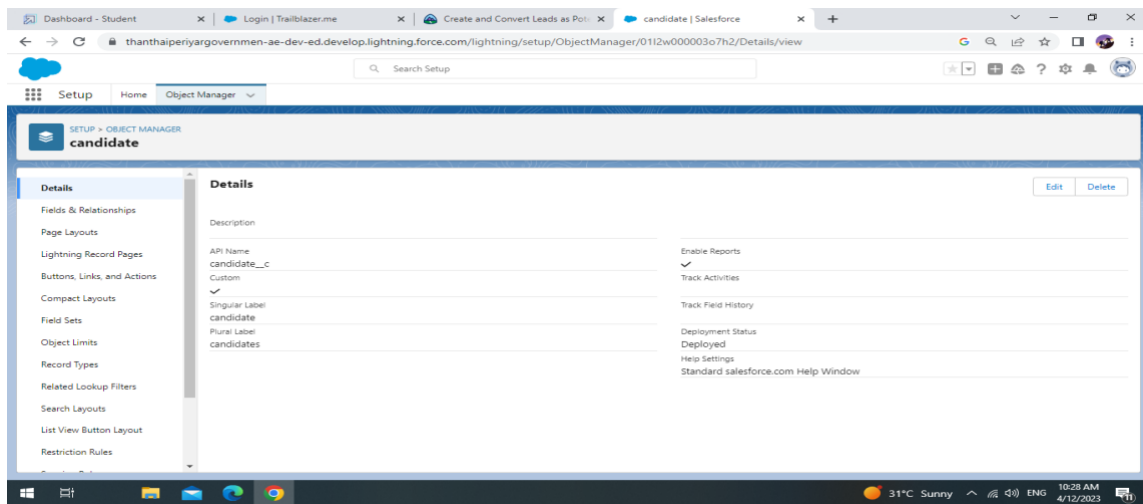
Activity – 3

Create objects for Semester, Candidate, Course Details, Lecturer Details, Internal Results.

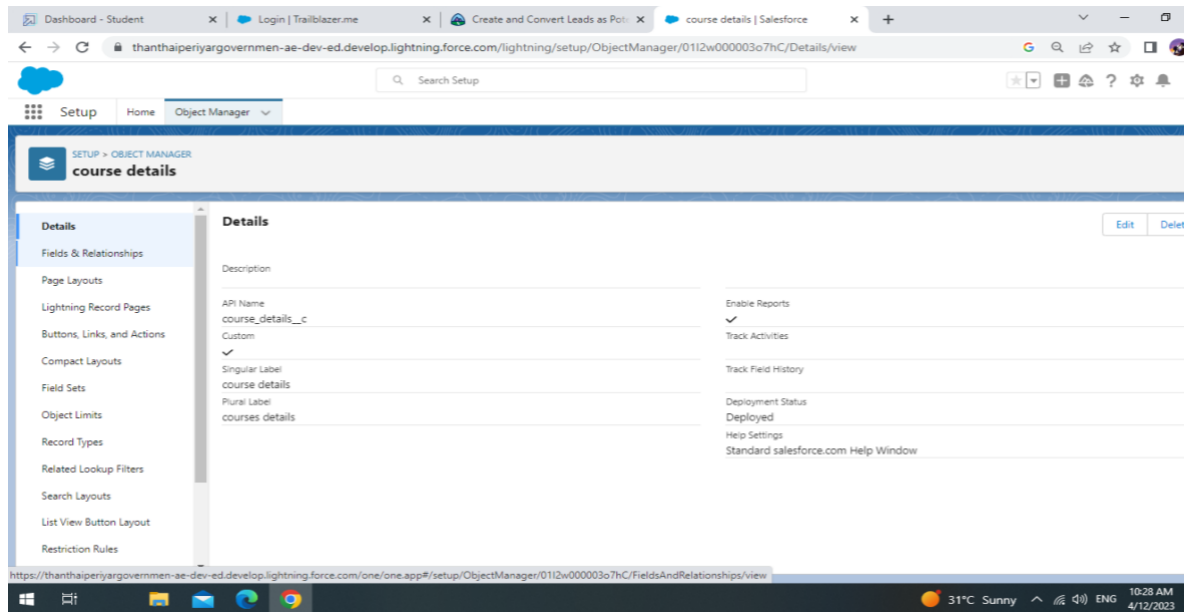
1.Semester



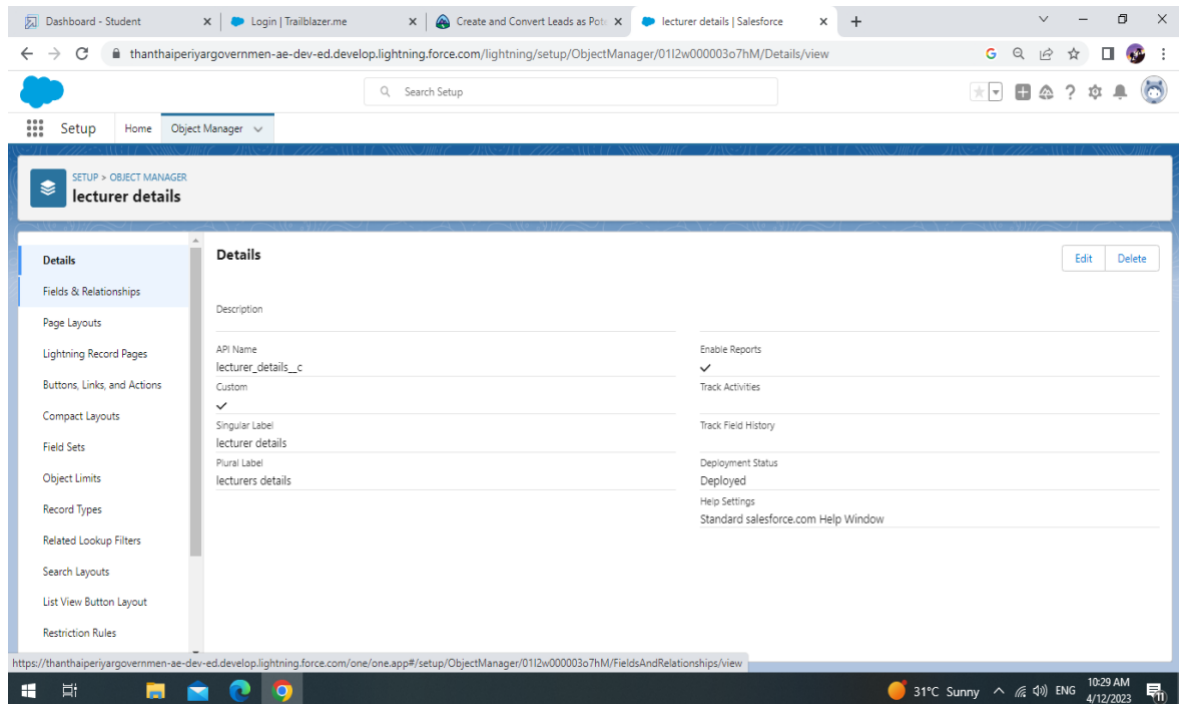
2.Candidate



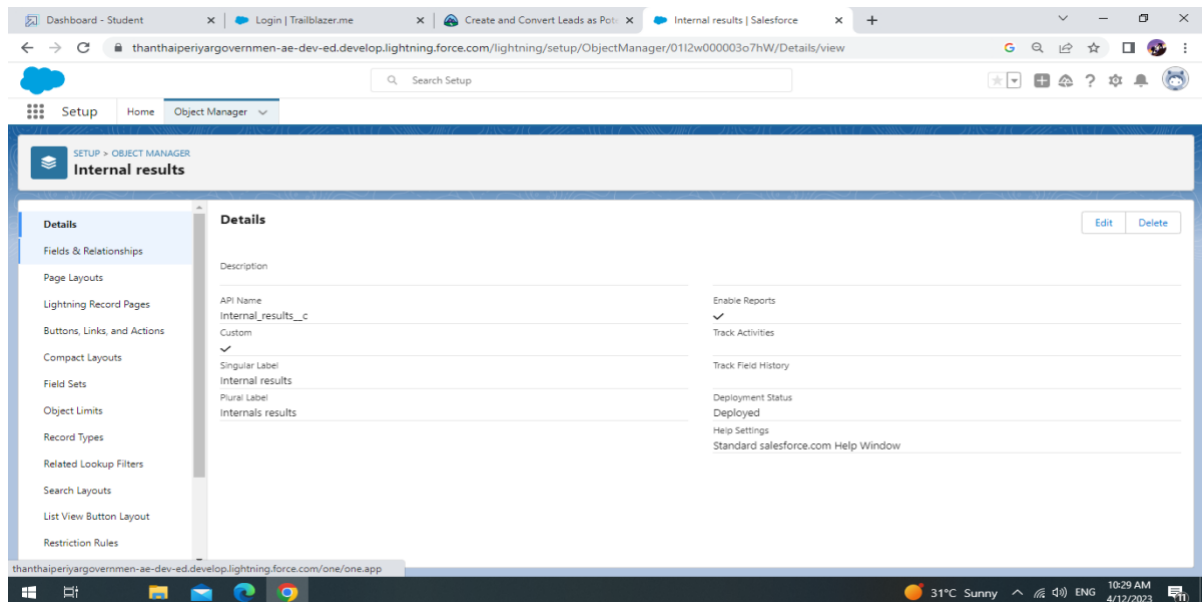
3.Course Details



4.Lecturer Details



5. Internal Results



Description:

- Create the all objects,
 1. Semester
 2. Candidate
 3. Course details
 4. Lecturer details
 5. Internal results
- After check your objects in quick find box.
- On Custom object defining page:
- Enter the label name, plural label name, click on Allow reports, Allow search → Save.

Activity – 4

Creating a fields and relationships for above custom objects.

1.Field : Semester

The screenshot shows the Salesforce Object Manager interface for the 'semester' object. The 'Fields & Relationships' section is active, displaying a table of fields. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User.Group)		✓
semester	semester__c	Text(80)		
semester Name	Name	Text(80)		✓
Semster Name	Semster_Name__c	Text(80)		

2.Field : Candidate

The screenshot shows the Salesforce Object Manager interface for the 'candidate' object. The 'Fields & Relationships' section is active, displaying a table of fields. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are:

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
candidate	candidate__c	Text(80)		
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)		✓
Semster Name	Semster_Name__c	Text(80)		

3.Field: Course details

The screenshot shows the Salesforce Setup 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, and Related Lookup Filters. 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 fields listed are: course details Name (Text(80), indexed), Course id (Text(80)), Course name (Text(80)), Created By (Lookup(User)), Last Modified By (Lookup(User)), and Owner (Lookup(User.Group), indexed).

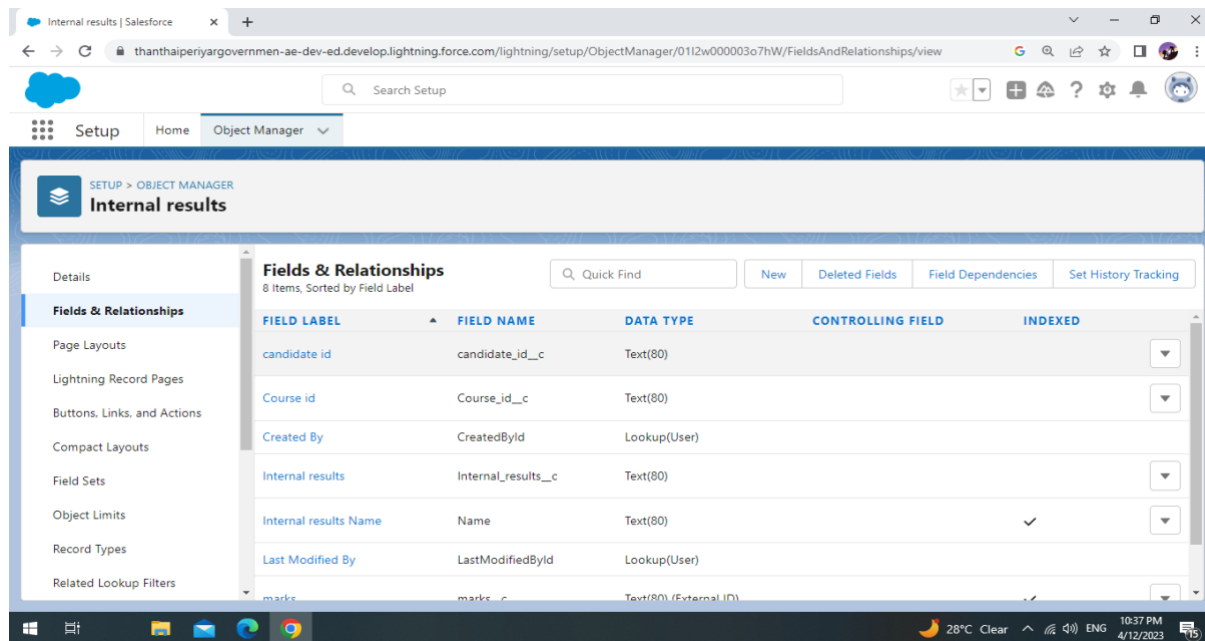
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
course details Name	Name	Text(80)		✓
Course id	Course_id__c	Text(80)		
Course name	Course_name__c	Text(80)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User.Group)		✓

4.Field : Lecturer Details

The screenshot shows the Salesforce Setup 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, and Related Lookup Filters. The main content area is titled 'Fields & Relationships' and shows a table of 8 items, sorted by Field Label. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: course details (Lookup(course details), indexed), Course id (Text(80)), Created By (Lookup(User)), Last Modified By (Lookup(User)), lecturer details Name (Text(80), indexed), and lecturer name (Text(80)).

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	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
lecturer details Name	Name	Text(80)		✓
lecturer name	lecturer_name__c	Text(80)		

5.Field : Internal results



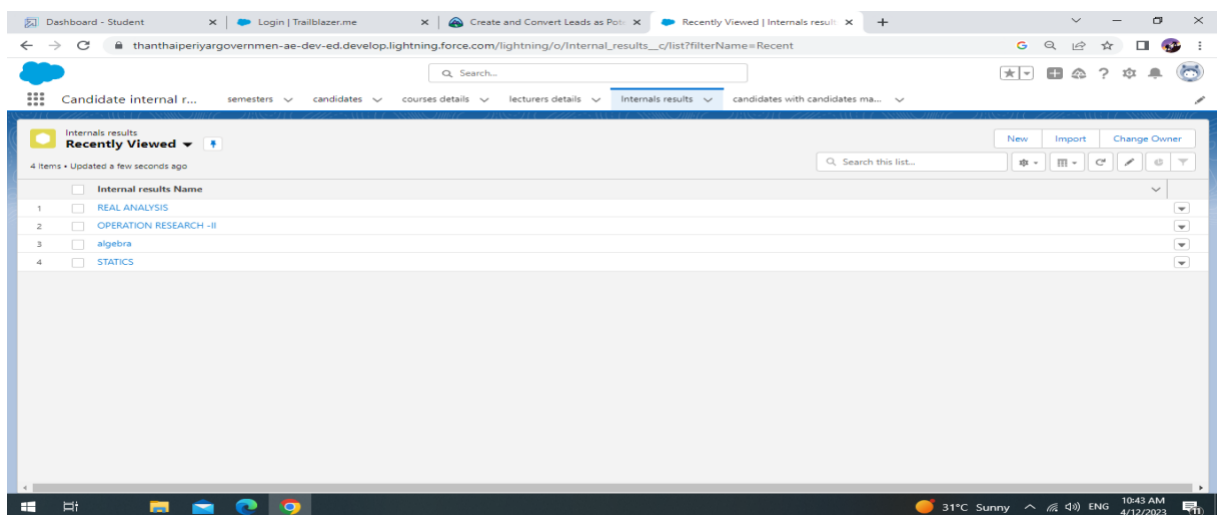
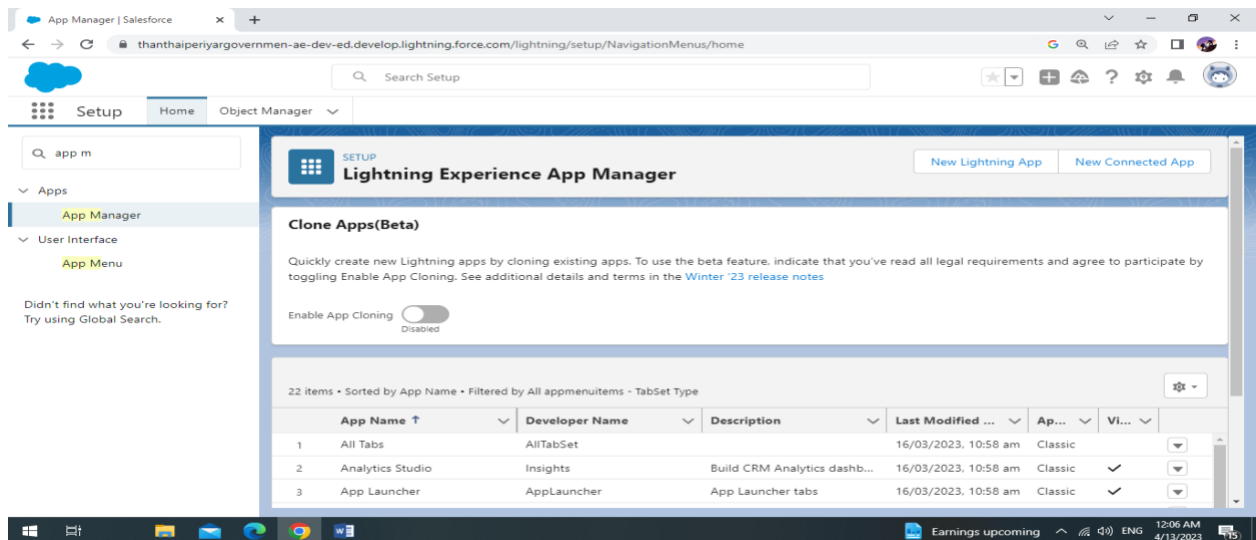
Description:

- Creating the fields in given objects.
- Create a following fields according to the objects.

Semester	Candidate	Course details	Lecturer details	Internal results
Semester name	Candidate name	Course name	Lecturer Role	Candidate Id
Course (lookup)	Candidate Id	Course Id	Lecturer Name	Course Id
	Semester name		Course Id	Marks
	Internal results		Course (lookup)	

Activity – 5

Creating a lightning app for candidate Internal Result Card app. To create app and add options and specifications.

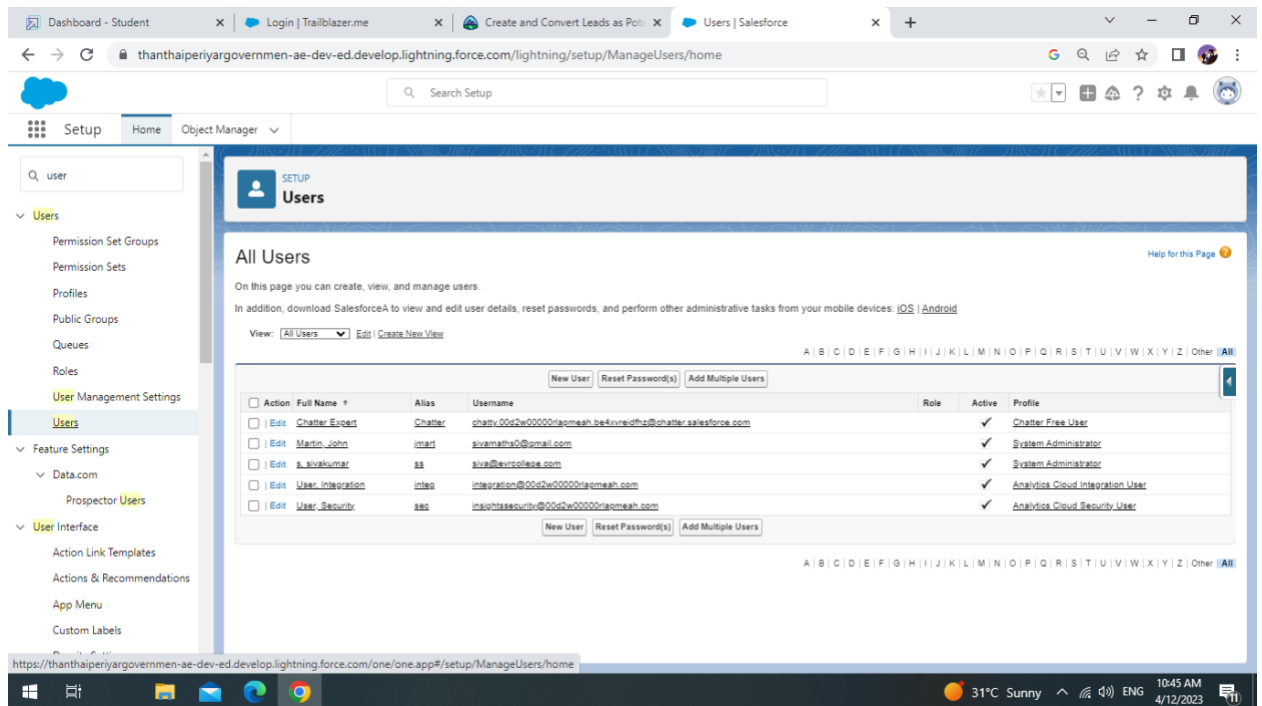


Description :

- Create for candidate internal result card app.
- Create app for given features, option page, utility items, navigation items, user profile.

Activity - 6

To creating a different users for lightning app.

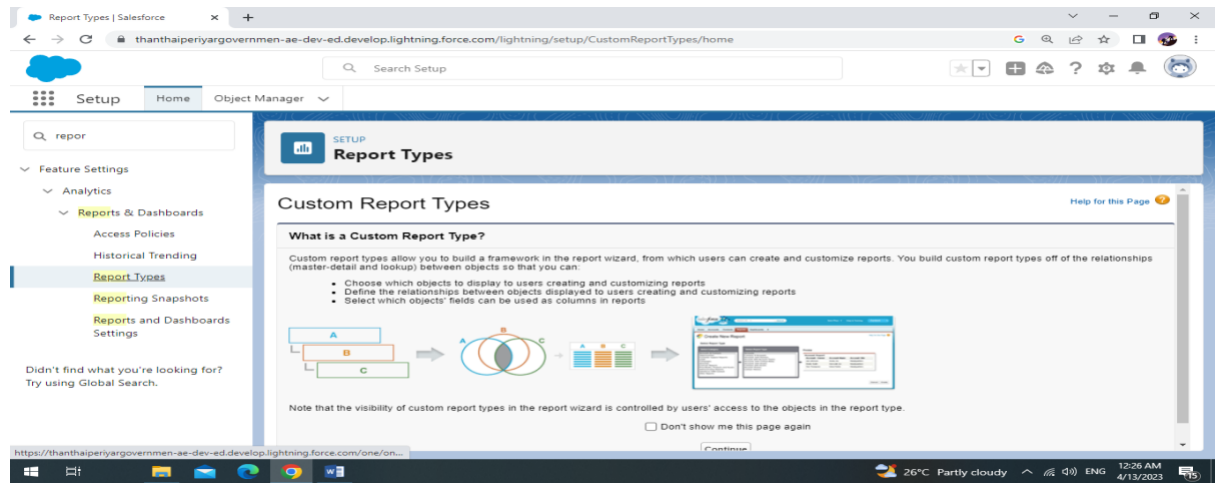


Description :

- A user is anyone logs in to Salesforce.
- Who need access to the Company's records. Every user in Salesforce has a user account.
- Create Salesforce user in lightning app.

Activity – 7

To create report type and creating candidate results reports.



The screenshot shows a Salesforce report titled 'Report: candidates with Internal results' with the subtitle 'candidate marks'. The report is displayed in a table format with 4 total records. The table has the following columns: candidate: candidate Name, candidate id, Semester name, Internal results: Internal results Name, Internal results: Marks, and Internal results: Internal results. The data is as follows:

candidate: candidate Name	candidate id	Semester name	Internal results: Internal results Name	Internal results: Marks	Internal results: Internal results
1 Siva Kumar S	20RME22	semester 1	GRAPH THEORY	92	pass
2 Vasanth K	20RME26	semester 1	ALGEBRA	90	pass
3 Pavlyasree M	20RME37	semester 1	ASTRONOMY	90	pass
4 Tamiliselvan A	20RME24	semester 1	NUMERICAL METHODS	85	pass

Description:

- To create candidate result reports .
- Customize your report , then save and run it.

Activity – 8

To create a Dashboards for given Reports.

The screenshot shows a Salesforce dashboard titled "candidate board" with a subtitle "As of 12-Apr-2023, 10:48 am Viewing as sivakumar s". The dashboard contains a table titled "candidate marks" with the following data:

candidate: candidat...	ca...	Sem...	Internal results: Internal res...	Internal res
SIVAKUMAR S	20R ME2 2	I	OPERATION RESEARCH -II	90
SIVAKUMAR S	20R ME2 2	I	REAL ANALYSIS	85
SIVAKUMAR S	20R ME2 2	I	algebra	92

Below the table is a link "View Report (candidate marks)". The dashboard also includes a search bar, navigation tabs, and a status bar at the bottom showing the date and time.

Description:

- Dashboards let you curate data from reports using charts, tables, and metrics.
- If your colleagues need more information, then they're able to view your Dashboard's data-supplying reports
- Given reports are customizing dashboards.

4 Trailhead Profile Public URL

Team Lead – S.S

Team Member 1 -<https://trailblazer.me/id/mmedii>

Team Member 2-<https://trailblazer.me/id/anam10>

Team Member 3 – <https://trailblazer.me/id/manim126>

Team Member 4 - <https://trailblazer.me/id/braja145>

5 ADVANTAGES & DISADVANTAGE

5.1 ADVANTAGES

- A CRM application can help ensure the accuracy and consistency of your data by automating data entry and reducing the risk of manual errors.
- A CRM application allows you to store all candidate data in one centralized location.
- A Candidate can easily apply for reevaluation using this CRM application.
- This can help you save time and increase overall efficiency.
- Set up custom dashboards and reports to visualize candidate performance.
- Use the CRM system to communicate with candidates effectively.
- CRM system to track candidate performance, including their internal marks and external exam scores.

5.2 DISADVANTAGE

- Results tracking through a CRM application may not capture all relevant data, such as candidate feedback or other qualitative data points.
- Relying too heavily on technology for results tracking can lead to a loss of personal touch and human interaction.
- Negatively impact the candidate experience and relationships with candidates.

6 APPLICATIONS

- The implementation of CRM for result tracking of a candidate with internal marks can be applied in educational institutions such as schools, colleges, and universities.
- In addition to educational institutions, the implementation of CRM for result tracking of a candidate with internal marks can also be applied in training institutes, coaching centers, and other organizations that offer educational services.
- The CRM system can help you analyze the data and identify patterns and trends.
- The CRM system can also generate reports and graphs to help visualize the candidate's performance.

7 CONCLUSION

- Customize the CRM application to reflect the specific needs of result tracking for a candidate with internal marks. This may include creating custom workflows, adding automation rules to update results, and designing custom dashboards to track performance.
- The CRM application will provide an accurate and real-time view of the candidate's performance. This will help teachers and administrators make data-driven decisions.
- The CRM application will help improve communication between teachers, administrators, and candidates. Teachers can update candidates' results, and candidates can view their performance in real-time.

8 FUTURE SCOPE

- CRM system will be used to track other aspects of the selection process, such as interviews and references.
- Choose the right CRM system to track the results of your candidates.
- Implementing a CRM system for tracking candidate marks is exciting and full of potential. By leveraging data and analytics, companies and educational institutions can improve their operations, enhance customer and student experiences, and drive greater success.