Project Report

IMPLEMENTING CRM FOR RESULTTRACKINGOF A CANDIDATE WITH INTERNAL MARKS

1 INTRODUCTION

1.1 Overview

Salesforce program called "Result tracking of a Candidate" is made to make it easier for educational institutions to keep track of the academic performance of their pupils. From the establishment of exam schedules to the release of results, the entire result management process is automated. The program makes it simple and effective to manage a lot of student data, including their identity, enrolment information, and academic standing.

1.2 Purpose

Data backup in case of unforeseen events, data security against unauthorized access and cyberattacks, data retention, data access control, data classification, and compliance with all legal procedures are all provided.

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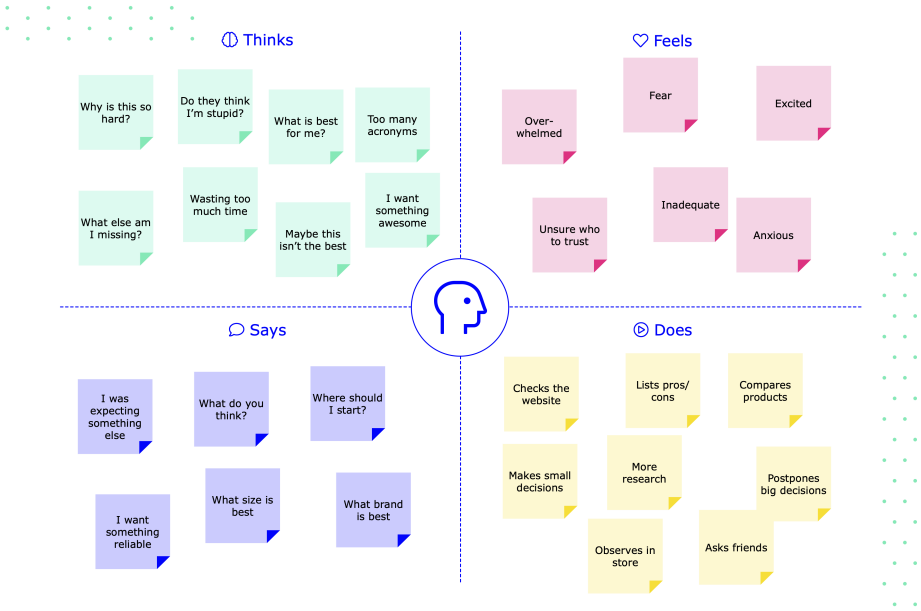
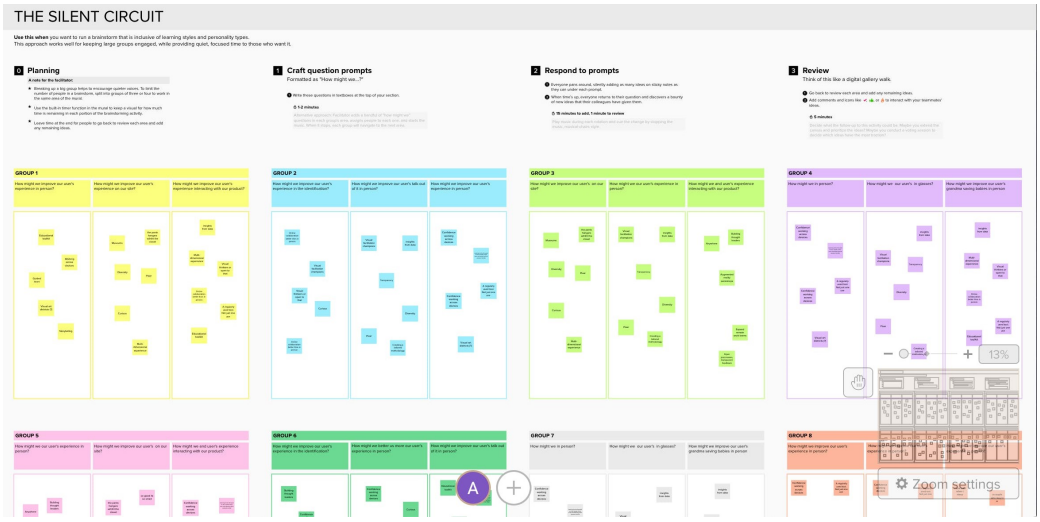
2 Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstorming Map



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3 RESULTS

3.1 Data Model:

<table>
<tr><th>Object name</th><th>Fields in the Object</th></tr>
<tr><td>Object-1
SEMESTER</td><td>
<table>
<tr><th>FIELD LABEL</th><th>DATA TYPE</th></tr>
<tr><td>Semester Name</td><td>Text</td></tr>
<tr><td>Course Details</td><td>Lookup</td></tr>
</table>
</td></tr>
<tr><td>Object-2
CANDIDATES</td><td>
<table>
<tr><th>FIELD LABEL</th><th>DATA TYPE</th></tr>
<tr><td>Candidate Name</td><td>Text</td></tr>
<tr><td>Candidate ID</td><td>Text</td></tr>
<tr><td>Semester Name</td><td>Text</td></tr>
<tr><td>Internal Marks</td><td>Lookup</td></tr>
</table>
</td></tr>
<tr><td>Object-3
COURSE DETAILS</td><td>
<table>
<tr><th>FIELD LABEL</th><th>DATA TYPE</th></tr>
<tr><td>Course Name</td><td>Text</td></tr>
<tr><td>Course ID</td><td>Text</td></tr>
</table>
</td></tr>
<tr><td>Object-4
LECTURER DETAILS</td><td>
<table>
<tr><th>FIELD LABEL</th><th>DATA TYPE</th></tr>
<tr><td>Lecturer Name</td><td>Text Long</td></tr>
<tr><td>Lecturer Roll</td><td>Text</td></tr>
<tr><td>Course ID</td><td>Text</td></tr>
<tr><td>Course Details</td><td>Lookup</td></tr>
</table>
</td></tr>
<tr><td>Object-5
INTERNAL RESULTS</td><td>
<table>
<tr><th>FIELD LABEL</th><th>DATA TYPE</th></tr>
<tr><td>Candidate ID</td><td>Text</td></tr>
<tr><td>Course ID</td><td>Text</td></tr>
<tr><td>Marks</td><td>Number</td></tr>
</table>
</td></tr>
</table>

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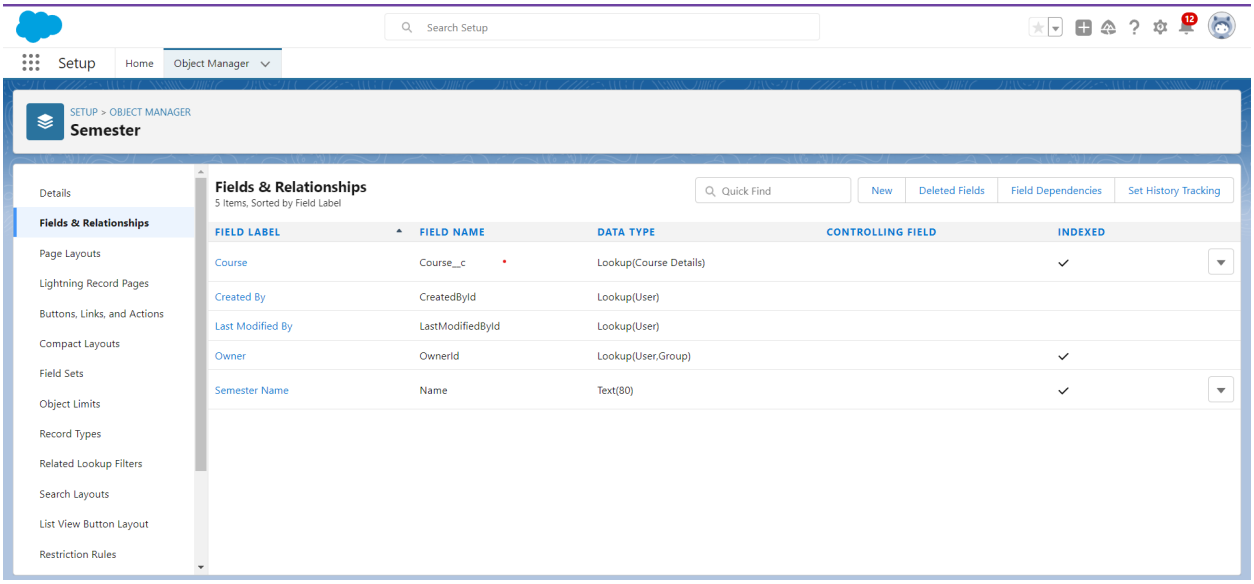
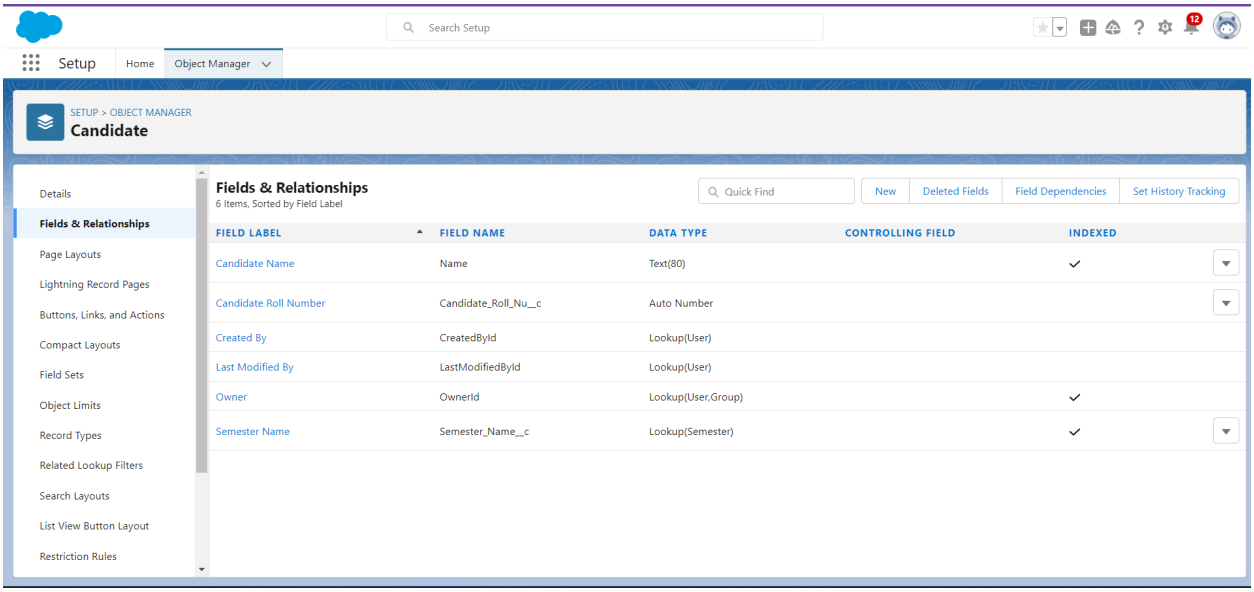
3.2 Activity & Screenshot



All the fields for the semester object have been created



All the fields for Candidate Object have been created

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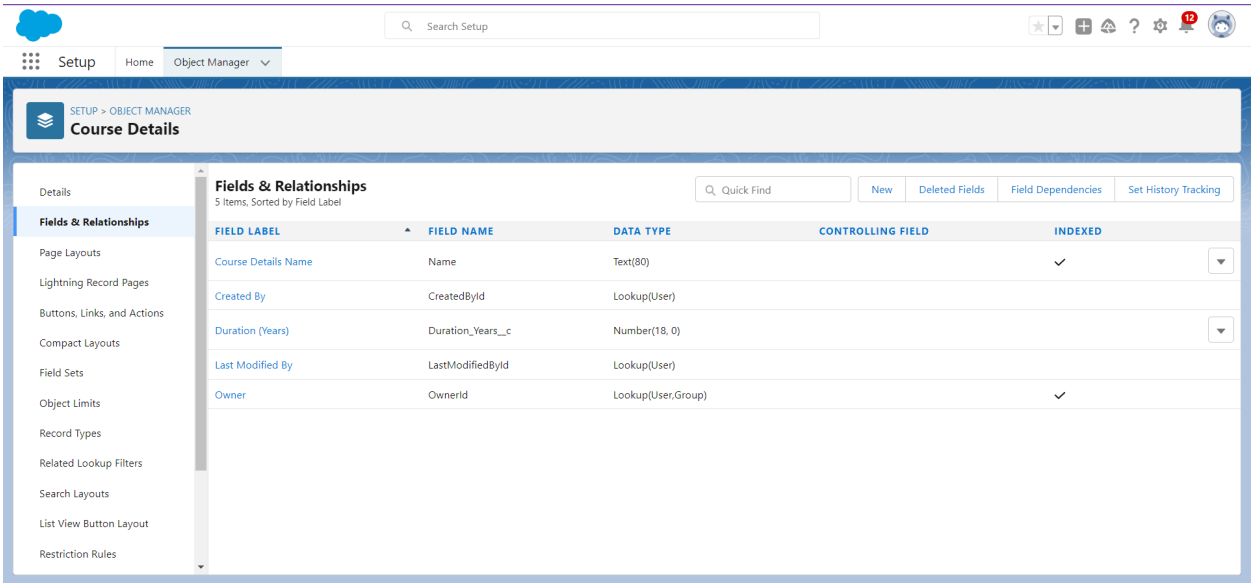
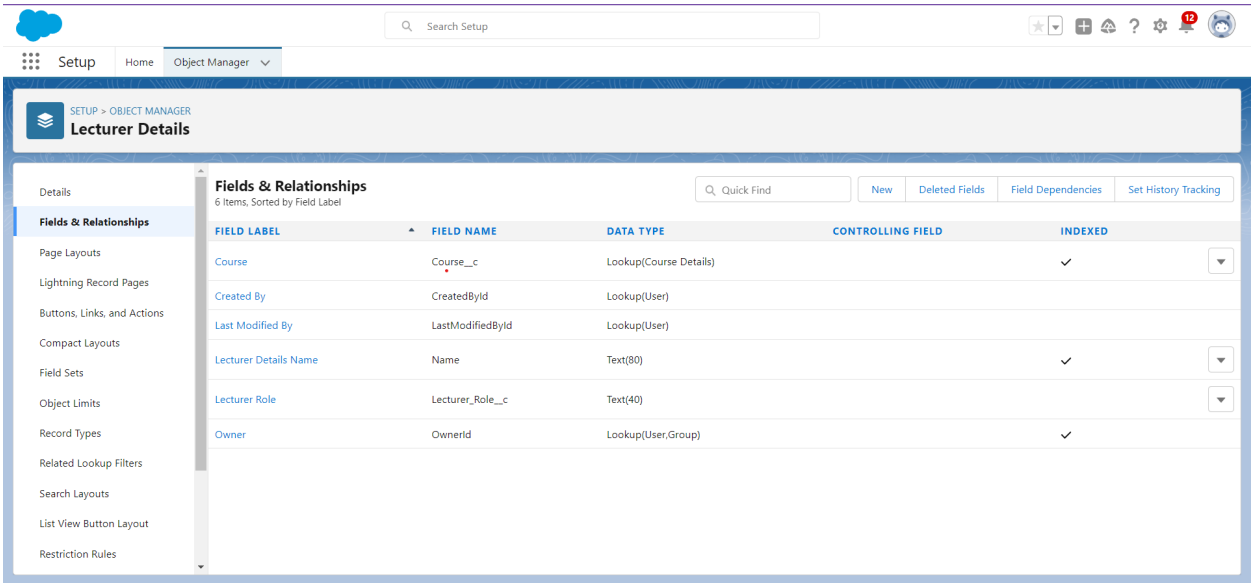


All the fields for Course Detail Object have been created



All the fields for Lecturer Detail Object have been created

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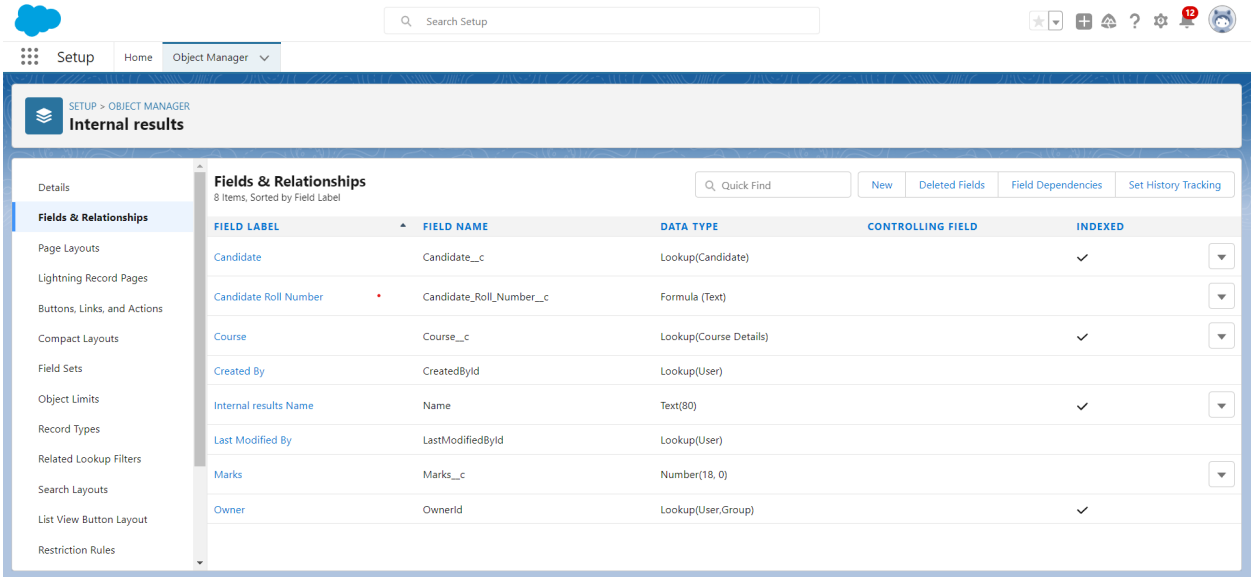
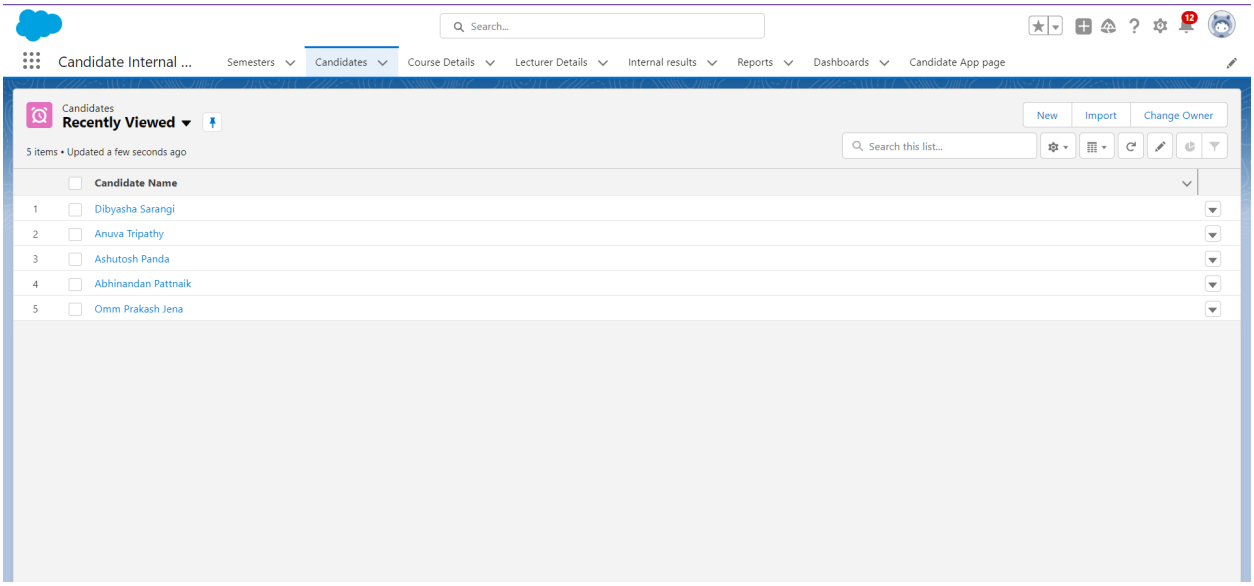


All the fields for Internal Marks have been created



The lightning app has been created according to procedure

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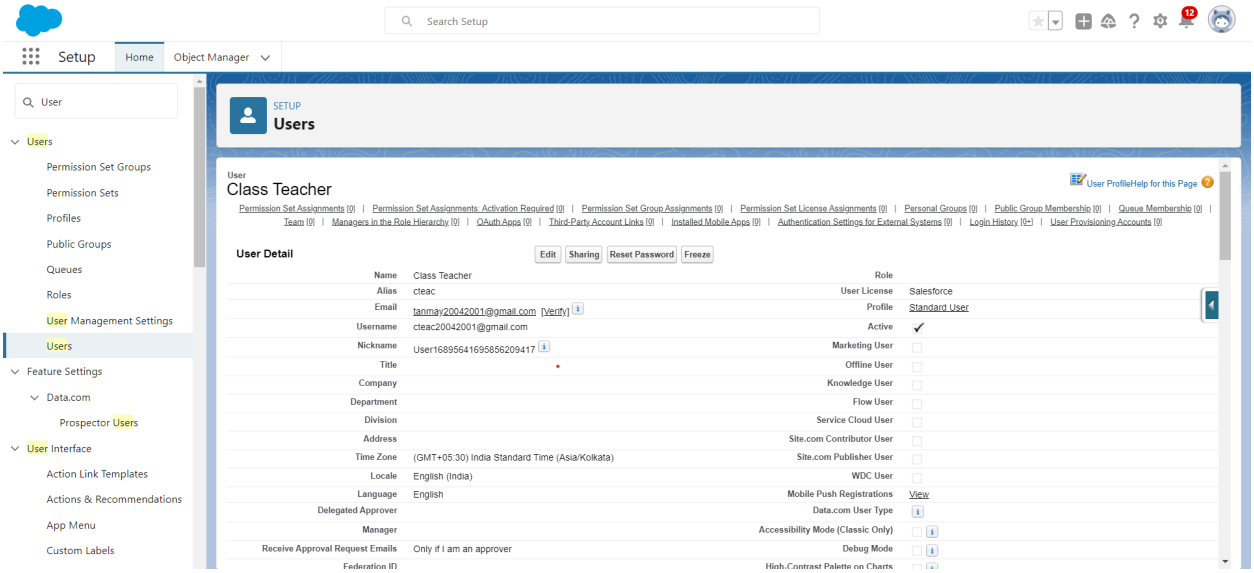
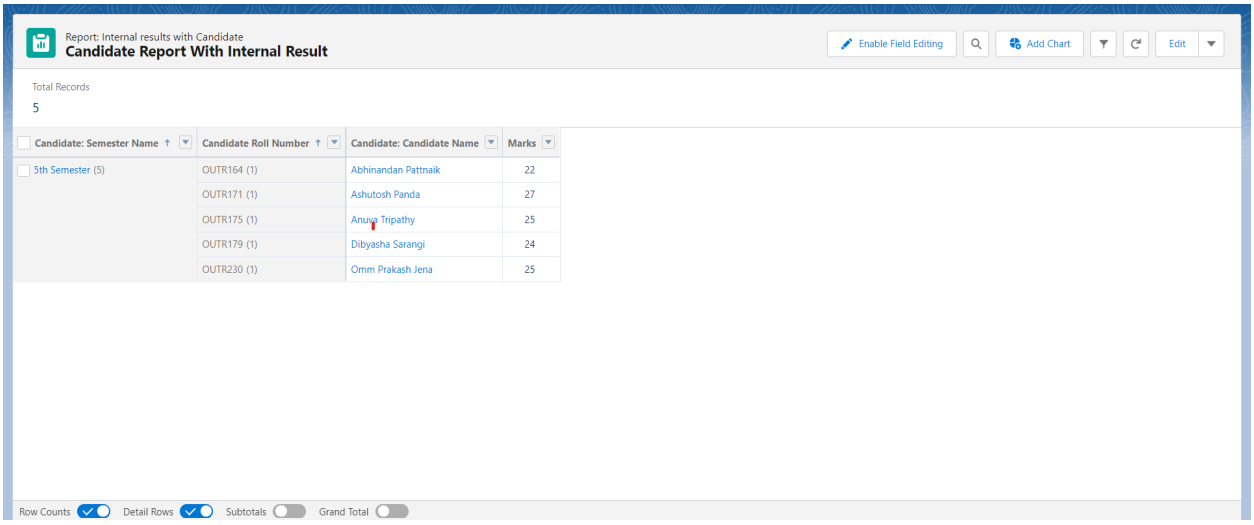


The user Class Teacher was created and Salesforce user profile is assigned to him/her



The Report has been created

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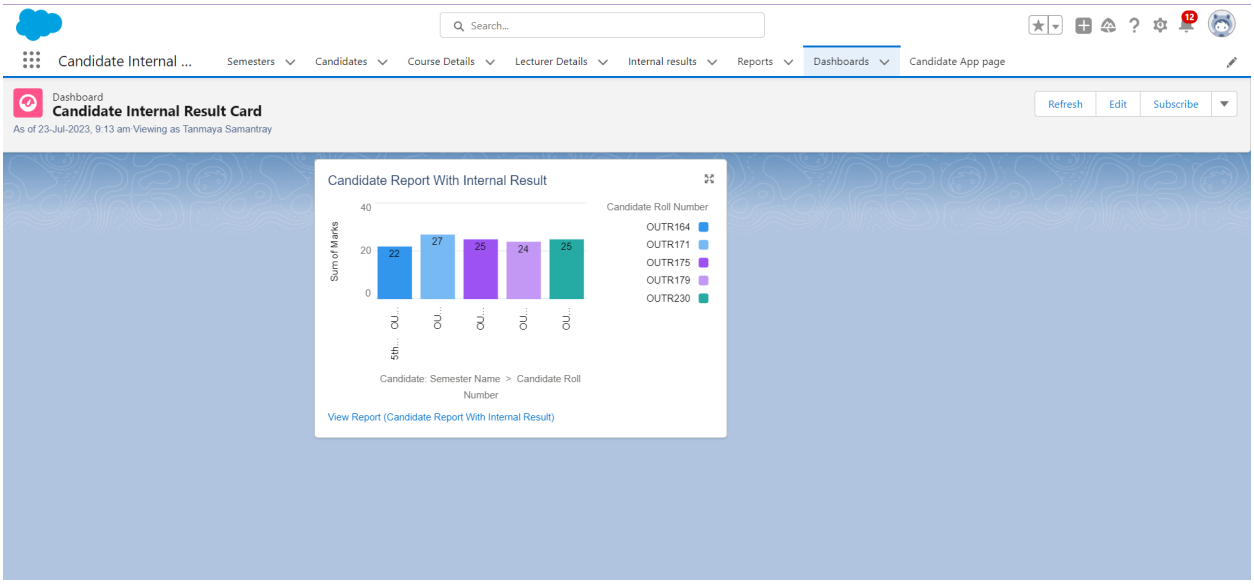

In dashboard Vertical Bar Chart has been added

4. Trailhead Profile Public URL

Tanmaya Samantray : https://trailblazer.me/id/tsamantray

5. ADVANTAGES

- Provides performance data to pinpoint areas where pupils need further assistance.
- Automates the processing of the results, saving time and resources.
- Offers a secure setting for handling and storing student data.
- Decreases the possibility of human error, increasing precision.
- Improves the standard of education as a whole.
- Enhances interaction between teachers, parents, and students.

6. DISADVANTAGES

- To use the software efficiently, you must receive the required instruction and training.
- Software for result management can be expensive to implement.
- Because result management software can be complicated, technological

problems like system crashes or software flaws might delay or erroneously process results.

7. APPLICATIONS

- Salesforce result tracking software can assist in identifying areas where students require further assistance and in improving the overall quality of education.
- It also facilitates communication among teachers, parents, and students by letting parents to see their child's grades, attendance, and other information online.
- The software can collect and evaluate student comments, allowing teachers and administrators to gauge student satisfaction and find areas for improvement.

8. CONCLUSION

A school result management system's ability to automatically generate report cards for pupils is known as report card generation. A report card often contains details regarding a student's academic performance, attendance, and conduct during the course of a specific academic period, like a semester or school year.

9. FUTURE SCOPES

- In the public sector, result management software can assist in ensuring the accuracy, integrity, and accessibility of public data, such as survey or election results.
- Sports coaches and trainers may track athlete progress, make data-driven decisions, and enhance performance with the use of result management software.
- Healthcare practitioners can manage patient data, test results, and medical records with the aid of result management software. Additionally, it can increase the efficiency and precision of diagnosis and therapy.
- Software for managing results in research can help researchers organize and analyze data more effectively, increase accuracy, and expedite the research process.
- Software for managing results can assist businesses manage performance measures, sales data, and customer feedback.