

A Project Report on

**\*\*\*\*\*Implementing CRM for result  
Tracking of A Candidate with internal  
Marks-(Admin)\*\*\*\*\***

by

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## ABSTRACT

The objective of image fusion for medical images is to combine multiple images acquired from different sources into a single image suitable for improved diagnosis. Most of the state-of-the-art image fusing techniques are based on non-fuzzy sets, and the fused image so obtained lags with complementary information. Fuzzy sets are strong-minded to be more appropriate for medical image processing as more hesitations are considered compared with non-fuzzy sets. In this project, a procedure for efficiently fusing multimodal medical images is presented. In the proposed method, images are initially converted into intuitionistic fuzzy images (IFIs), and a new objective function called intuitionistic fuzzy entropy (IFE) is employed to obtain the optimum value of the parameter in the membership and non-membership functions. Next, the IFIs are compared using fitness function, contrast visibility (CV). Then, teaching learning based optimization (TLBO) is introduced to optimize fusion coefficients, which will be changed under teaching phase and learner phase of TLBO, so that the weighted coefficients can be automatically adjusted according to fitness function. Finally, the fused image is obtained using optimal coefficients. Simulations on several pairs of multimodal medical images are performed and compared with the existing fusion methods. The superiority of the proposed method is presented and is justified. Fused image quality is also verified with various quality metrics, such as feature mutual information (FMI), spatial frequency (SF), entropy, edge-based image fusion ( $Q^{AB/F}$ ), modified spatial frequency (MSF) and computation time (CT).

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# CHAPTER 1 CREATING SALESFORCE ORG

## INTRODUCTION

Are you new to Salesforce? Not sure exactly what it is, or how to use it? Don't know where you should start on your learning journey? If you've answered yes to any of these questions, then you're in the right place. This module is for you.

Welcome to Salesforce! Salesforce is game-changing technology, with a host of productivity-boosting features, that will help you sell smarter and faster. As you work toward your badge

this module, we'll take you through these features and answer the question, "What is Salesforce, anyway?"

### **What Is Salesforce?**

Salesforce is your customer success platform, designed to help you sell, service, market, analyze, and connect with your customers.

Salesforce has everything you need to run your business from anywhere. Using standard products and features, you can manage relationships with prospects and customers, collaborate and engage with employees and partners, and store your data securely in the cloud.

So what does that really mean? Well, before Salesforce, your contacts, emails, follow-up tasks, and prospective deals might have been organized something like this:

<https://youtu.be/r9EX3lGde5k>

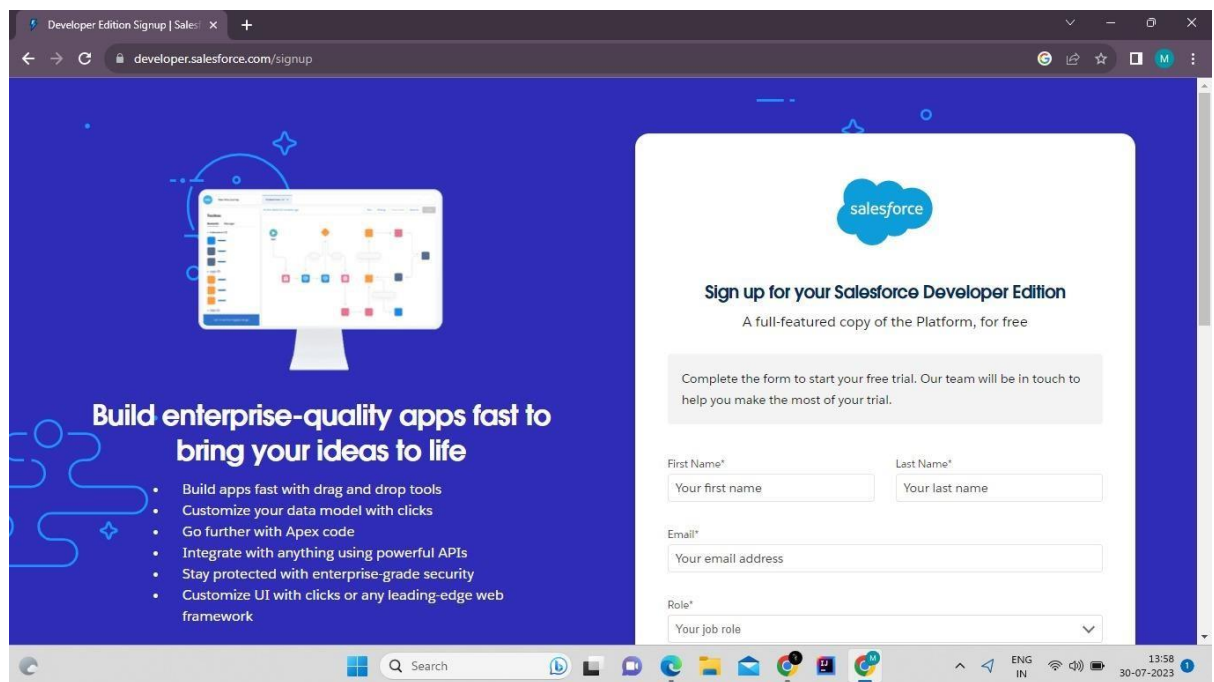
## 1.1 Creating Developer Org

Creating a developer org in salesforce.

1. Go to [developers.salesforce.com/Signup](https://developers.salesforce.com/Signup)
2. Click on sign up.
3. On the sign-up form, enter the following details:
  1. First name & Last name
  2. Email
  3. Role: Developer
  4. Company: College Name
  5. County: India
  6. Postal Code: pin code
  7. Username: should be a combination of your name and company

This need not be an actual email id, you can give anything in the format: [username@organization.com](#)

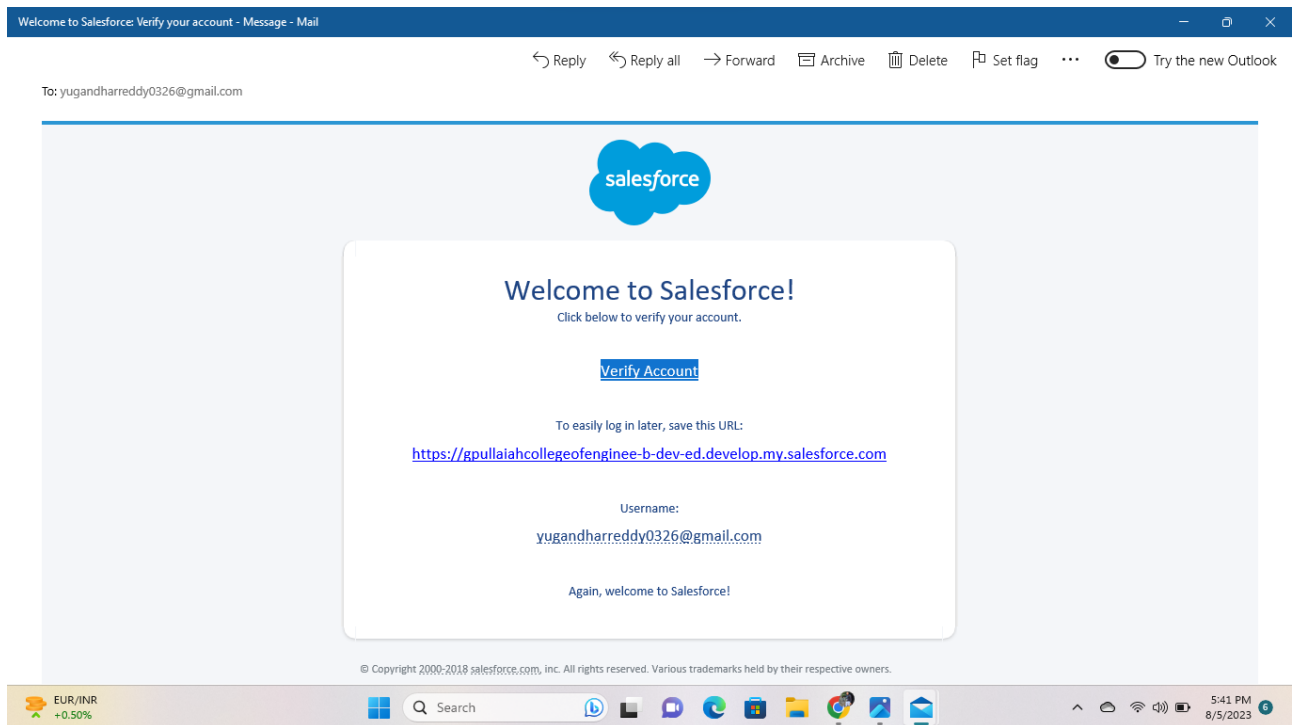
Click on sign up after filling these.



## 1.2 Account Activation

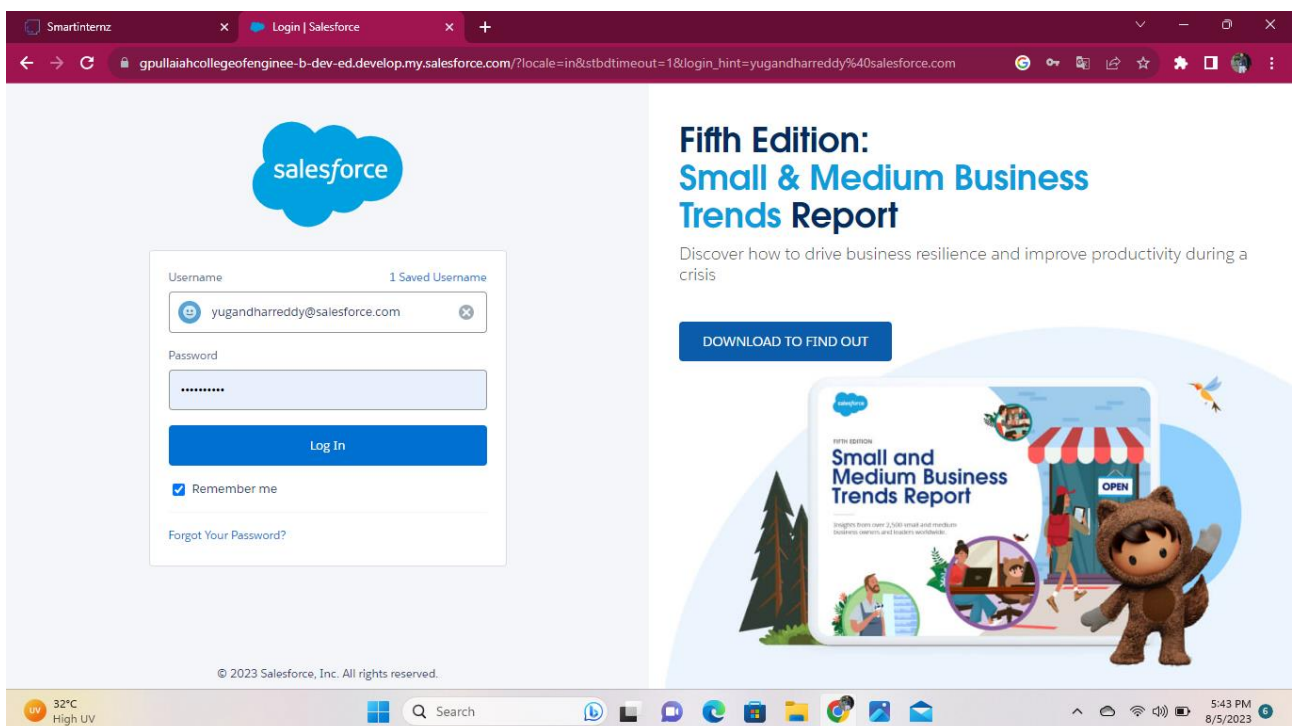


Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5-10mins, as



### Login to Your Salesforce Account

1. Go to salesforce.com and click on login.
2. Enter the username and password that you just created.
3. After login this is the home page which you will see.

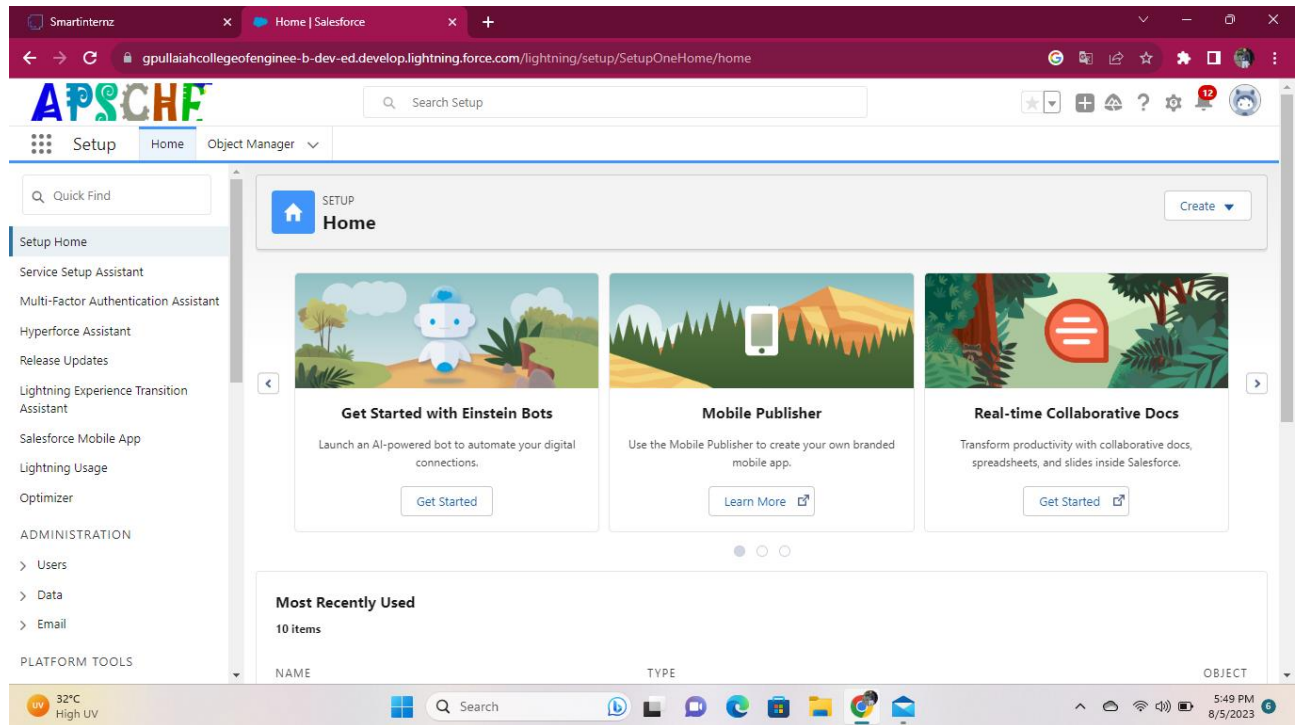


### Salesforce Login

<https://login.salesforce.com>

### Login to Your Salesforce Account

1. Go to [salesforce.com](https://login.salesforce.com) and click on login.
2. Enter the username and password that you just created.
3. After login this is the home page which you will see.



## CHAPTER 2 OBJECT INTRODUCTION

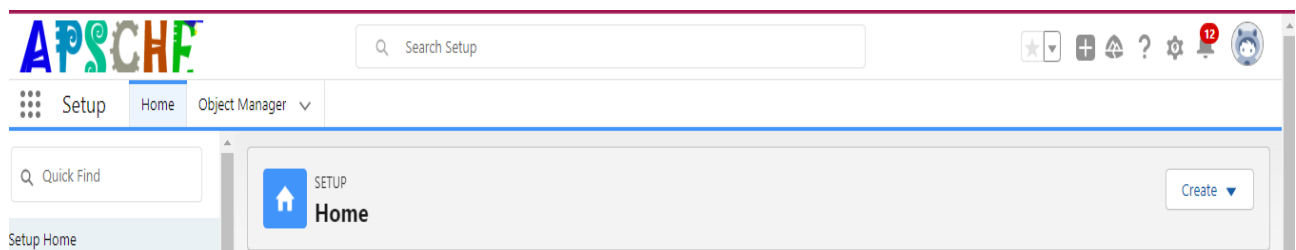
Salesforce objects are database tables that permit you to store data that is specific to an organization. Salesforce objects are of two types:

1. **Standard Objects:** Standard objects are the kind of objects that are provided by salesforce.com such as users, contracts, reports, dashboards, etc.
2. **Custom Objects:** Custom objects are those objects that are created by users. They supply information that is unique and essential to their organization. They are the heart of any application and provide a structure for sharing data.

### 2.1 Creation Of Semester Object For Candidate Internal Result Card

1. Click on the gear icon and then select Setup.
2. Click on the object manager tab just beside the home tab.
3. After the above steps, have a look on the extreme right you will find a Create Drop down click on that and select Custom Object.
4. On the Custom Object Definition page, create the object as follows:
5. Label: Semester
6. Plural Label: Semesters
7. Record Name: Semester Name
8. Check the Allow Reports
9. Check the Allow Search
10. Click Save.

In the same way create **4** more objects as **Candidate**, **Course Details**, **Lecturer Details** and **Internal results**.





SETUP

## Object Manager

51+ Items, Sorted by Label

Quick Find

Schema Builder

Create



Search Setup



Setup

Home

Object Manager



SETUP

## New Custom Object

### New Custom Object

Help for this Page

Permissions for this object are disabled for all profiles by default. You can enable object permissions in permission sets or by editing custom profiles. [Tell me more!](#) [Don't show this message again](#)

#### Custom Object Definition Edit

New Custom Object - Salesforce - Developer Edition

##### Custom Object Information

= Required Information

The singular and plural labels are used in tabs, page layouts, and reports.

Label

Example: Account

Plural Label

Example: Accounts

Starts with vowel sound

☐

The Object Name is used when referencing the object via the API.

Object Name

Example: Account

Description

# CHAPTER 3 WHAT IS A TAB?

## INTRODUCTION

Tabs in Salesforce help users view the information at a glance. It displays the data of objects and other web content in the application.

There are mainly 4 types of tabs:

(A) Standard Object Tabs: Standard object tabs display data related to standard objects

(B) Custom Object Tabs: Custom object tabs displays data related to custom objects.

(C) Web Tabs: Web Tabs display any external Web-based application or Web page in a Salesforce tabs.

(D) Visualforce Tabs: Visualforce Tabs display data from a Visualforce Page.

## 3.1 Creation Of Semester Tab For Candidate Internal Result Card

The screenshot displays the Salesforce Setup interface. At the top, there's a search bar and navigation tabs for Setup, Home, and Object Manager. The left sidebar shows a search for 'tabs' and a list of options under 'User Interface', including 'Rename Tabs and Labels' and 'Tabs'. The main content area shows the 'Home' dashboard with three cards: 'Get Started with Einstein Bots', 'Mobile Publisher', and 'Real-time Collaborative Docs'. Below these is a 'Most Recently Used' section with a table of 10 items. The bottom part of the screenshot shows the 'Custom Tabs' section, which includes a table of custom object tabs.

Action	Label	Tab Style	Description
<a href="#">Edit</a>   <a href="#">Del</a>	Candidates	Heart	
<a href="#">Edit</a>   <a href="#">Del</a>	Course Details	Airplane	
<a href="#">Edit</a>   <a href="#">Del</a>	Internal results	Bank	
<a href="#">Edit</a>   <a href="#">Del</a>	Lecturer Details	Books	
<a href="#">Edit</a>   <a href="#">Del</a>	Semesters	Books	

## New Custom Object Tab

Help for this Page


### Step 1. Enter the Details

Step 1 of 3

Choose the custom object for this new custom tab. Fill in other details.

Select an existing custom object or [create a new custom object now](#).

Object

Tab Style  

(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.

Splash Page Custom Link

Enter a short description.

Description

# CHAPTER 4 LIGHTNING APP

## INTRODUCTION

Apps in Salesforce are a group of tabs that help the application function by working together as a unit. It has a name, a logo, and a particular set of tabs. The simplest app usually has just two tabs. There are two types of app –

**1. Standard App:** Standard apps come with every occurrence of Salesforce as default. Many features like Sales, Marketing, Community, call center, content, Salesforce chatter, App Launcher, etc are present in it.

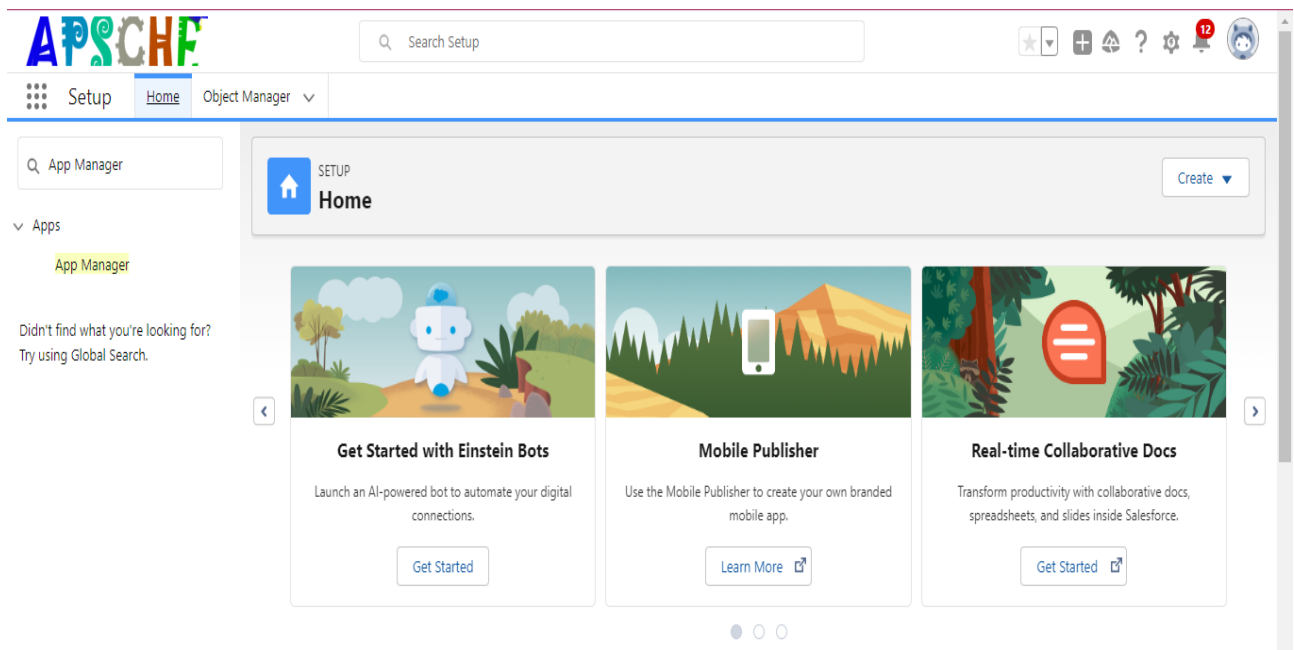
**Note:** The description, Logo, and Label of standard app cannot be altered.

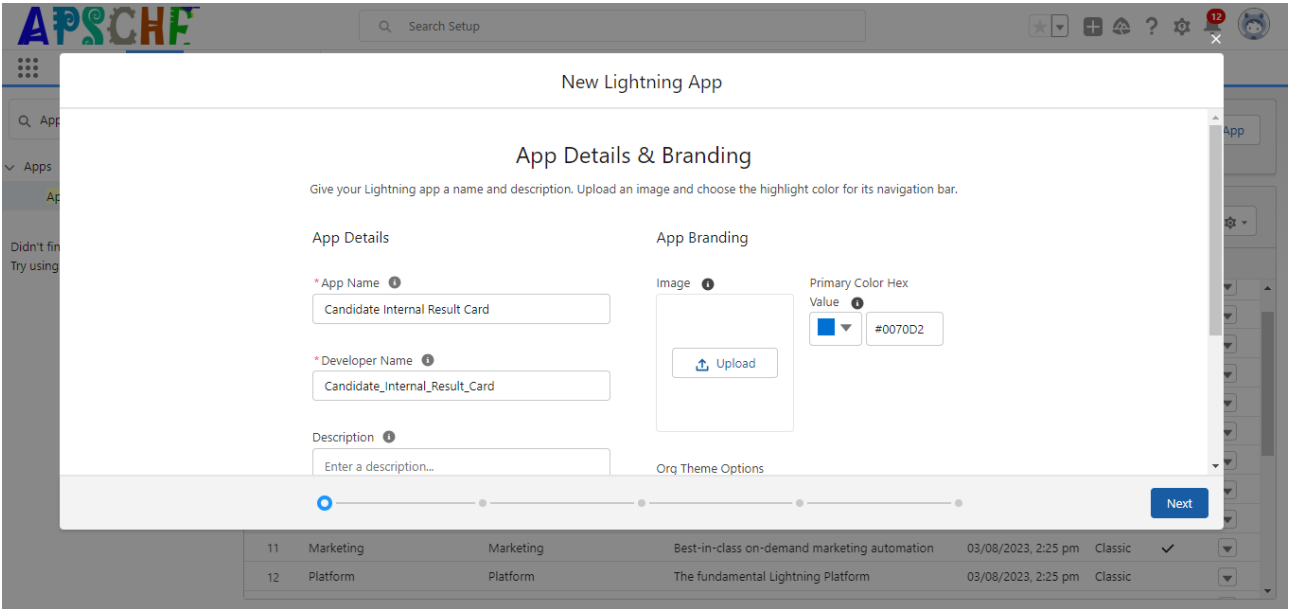
**2. Custom Apps:** Custom apps are created according to need of user. Custom Apps are made by using standard and custom tabs together.

**Note:** Logos for Custom Apps can be changed.

### 4.1 Create The Candidate Internal Result Card App

1. From Setup, enter App Manager in the Quick Find and select App Manager.
  2. Click New Lightning App.
  3. Enter **Candidate Internal Result Card** as the App Name, then click next
  4. Under App Options, leave the default selections and click next.
  5. Under Utility Items, leave as is and click Next.
  6. From Available Items, select **Semester, Candidate, Course Details, Lecturer Details, Internal results, Reports, and Dashboards** and move them to Selected Items.
  7. Click Next.
- From Available Profiles, select System Administrator and move it to Selected Profiles. Click Save & Finish.







## CHAPTER 5 FIELDS AND RELATIONSHIP

### INTRODUCTION

Fields - Fields store data values that are required for a particular object in a record.

An object relationship in Salesforce is a two-way association between two objects. Relationships are created by creating custom relationship fields on an object. This is done so that when users view records, they can also see and access related data.

Object Name	Field Name	Data type
Semester	Semester Name	Text(Standard field)
	Course	Lookup(Course Details)
Candidate	Candidate Name	Text(Standard field)
	Candidate Roll Number	Auto Number
	Semester Name	Lookup(Semester)
Lecturer Details	Lecturer Name	Text(Standard field)
	Lecturer Role	Text
	Course	Lookup(Course)
Course Details	Course Name	Text(Standard field)
	Duration (Years)	Number

Internal results	Candidate	Lookup (candidate)
	Candidate Roll Number	Formula
	Course	Lookup(Course)
	Marks	Number

## 5.1 Creation Of Text Field On "Lecturer Details" & Look Up Field For The “Candidate” Object

1. Click the gear icon and select Setup. This launches Setup in a new tab.
2. Click the Object Manager tab next to Home.
3. Select Lecturer Details
4. Select Fields & Relationships from the left navigation
5. Click New
6. Select the Text as the Data Type, click next.
7. For Field Label, enter Lecturer Role
8. Enter Length 40
9. Click Next, Next, then Save & New.

The screenshot shows the Salesforce Setup interface. At the top, there's a navigation bar with the 'Setup' tab selected. Below it, the 'Object Manager' tab is active, showing a list of objects. The 'Lecturer Detail' object is selected, and the 'Fields & Relationships' section is expanded. This section displays a table of fields for the 'Lecturer Detail' object, sorted by Field Label. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Course (Lookup(Course Detail)), Created By (Lookup(User)), Duration (Number(18, 0)), Last Modified By (Lookup(User)), Lecturer Name (Text(80)), Lecturer Role (Text(40)), and Owner (Lookup(User, Group)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course	Course__c	Lookup(Course Detail)		✓
Created By	CreatedById	Lookup(User)		
Duration	Duration__c	Number(18, 0)		
Last Modified By	LastModifiedById	Lookup(User)		
Lecturer Name	Name	Text(80)		✓
Lecturer Role	Lecturer_Role__c	Text(40)		
Owner	OwnerId	Lookup(User, Group)		✓

Now Let's create a Lookup field on candidate object

1. Click the gear icon and select Setup. This launches Setup in a new tab.
2. Click the Object Manager tab next to Home.
3. Select candidate.
4. Select Fields & Relationships from the left navigation
5. Click New
6. Select the lookup as the Data Type, then click Next.
7. In related select Semester
8. For Field Label Semester Name, enter.
9. Click Next, Next, then Save & New.

APSCHE

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER  
**Internal result**

Details

**Fields & Relationships**

9 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Candidate	Candidate__c	Lookup(Candidate)		✓
Candidate Roll Number	Candidate_Roll_Number__c	Formula (Text)		
Course	Course__c	Lookup(Course Detail)		✓
Course	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Internal result	Internal_result__c	Lookup(Internal result)		✓
Last Modified By	LastModifiedById	Lookup(User)		

Note- Similarly create all lookup fields on their respective objects.

## 5.2 Creation Of Auto Number Field On Candidate Object, Number Field On Course Details Object & Formula Field Course Details Object

Let's create a Number field on Course Details object

1. Click the gear icon and select Setup. This launches Setup in a new tab.
2. Click the Object Manager tab next to Home.
3. Select Course Detail.
4. Select Fields & Relationships from the left navigation
4. Click New & select number field, click Next
6. For Field Label Duration, enter.
7. Give Help Text- Enter Course duration value in Years
8. Click Next, Next, then Save & New.

APSCHE

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER  
**Course Detail**

Details

**Fields & Relationships**

7 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Candidate	Candidate__c	Lookup(Candidate)		✓
Course Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Duration	Duration__c	Number(18, 0)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User, Group)		✓
Semester	Semester__c	Lookup(Semester)		✓

Now Let's create a Formula field on Internal Results object

1. Click the gear icon and select Setup. This launches Setup in a new tab.
2. Click the Object Manager tab next to Home.
3. Select Internal results.
4. Select Fields & Relationships from the left navigation.
5. Click New
6. Select the Formula as the Data Type, then click Next.
7. Give field label Candidate Roll Number
8. Select formula return type text, Click Next
9. Click Insert Field
10. Create and insert formula Candidate r.Candidate\_Roll\_Number c, and then click Insert.
11. Click Next, Next, then Save.

The screenshot shows the Salesforce Setup interface. At the top, there's a navigation bar with 'Setup', 'Home', and 'Object Manager'. Below this, the 'Course Detail' section is visible. On the left, a sidebar lists various setup options, with 'Fields & Relationships' selected. The main area displays a table of fields for the 'Candidate' object, sorted by Field Label. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Candidate (Lookup(Candidate)), Course Name (Text(80)), Created By (Lookup(User)), Duration (Number(18, 0)), Last Modified By (Lookup(User)), Owner (Lookup(User, Group)), and Semester (Lookup(Semester)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Candidate	Candidate__c	Lookup(Candidate)		✓
Course Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Duration	Duration__c	Number(18, 0)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User, Group)		✓
Semester	Semester__c	Lookup(Semester)		✓

Now Let's create an auto number field on Candidate object

1. Click the gear icon and select Setup. This launches Setup in a new tab.
2. Click the Object Manager tab next to Home.
3. Select Candidate.
4. Select Fields & Relationships from the left navigation
5. Click New
6. Select the Auto Number as the Data Type, then click Next.
7. For Field Label Candidate enter Roll Number.
8. Give a display format
9. Click Next, Next, then Save & New.



## Course Detail

Details

## Fields &amp; Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

## Fields &amp; Relationships

7 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Candidate	Candidate__c	Lookup(Candidate)		✓
Course Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Duration	Duration__c	Number(18, 0)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Semester	Semester__c	Lookup(Semester)		✓



## Internal result

Details

## Fields &amp; Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

## Fields &amp; Relationships

9 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Candidate	Candidate__c	Lookup(Candidate)		✓
Candidate Roll Number	Candidate_Roll_Number__c	Formula (Text)		
Course	Course__c	Lookup(Course Detail)		✓
Course	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Internal result	Internal_result__c	Lookup(internal result)		✓
Last Modified By	LastModifiedById	Lookup(User)		

# CHAPTER 6 USER

## INTRODUCTION

A user is anyone who logs in to Salesforce. Users are employees at your company, such as sales reps, managers, and IT specialists, who need access to the company's records. Every user in Salesforce has a user account.

### 6.1 Creating A User

1. From Setup, in the Quick Find box, enter Users.
  2. Select Users.
  3. Click New User.
  4. Enter the First Name, Class, Last Name, Teacher and (Your) email address and a unique username in the form of an email address. By default, the username is the same as the email address.
  5. Select a User License as salesforce.
- NOTE- As Salesforce license can only be used by 2 Users at a time in Dev Org, so If you don't find salesforce license then deactivate a user who has salesforce license Or change the license type from Salesforce to any other.
6. Select a profile as Standard user.
  7. Check Generate new password and notify the user immediately to have the user's login name and a temporary password emailed to your email.

The screenshot shows the Salesforce Setup page for Users. The page title is 'All Users'. Below the title, there is a description: 'On this page you can create, view, and manage users. In addition, download SalesforceA to view and edit user details, reset passwords, and perform other administrative tasks from your mobile devices: [iOS](#) | [Android](#)'. There is a 'View: All Users' dropdown and a 'Create New View' button. Below this, there is a table of users with columns: Action, Full Name, Alias, Username, Role, Active, and Profile. The table contains five rows of user data. At the bottom of the table, there are buttons for 'New User', 'Reset Password(s)', and 'Add Multiple Users'. The sidebar on the left shows the navigation menu with 'Users' selected under 'User Management Settings'.

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/>   <a href="#">Edit</a>	Chatter Expert	Chatter	chatty.00d5f00000clv3eeat.4wv5bz2fves@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/>   <a href="#">Edit</a>	Teacher Class	cleac	yugandharreddy0326@gmail.com		✓	Standard User
<input type="checkbox"/>   <a href="#">Edit</a>	User Integration	integ	integration@00d5f00000clv3eeat.com		✓	Analytics Cloud Integration User
<input type="checkbox"/>   <a href="#">Edit</a>	User Security	sec	insightssecurity@00d5f00000clv3eeat.com		✓	Analytics Cloud Security User
<input type="checkbox"/>   <a href="#">Edit</a>	Yugandhar Reddy A.	AYuga	yugandharreddy@salesforce.com		✓	System Administrator



# CHAPTER 7 USER ADOPTION

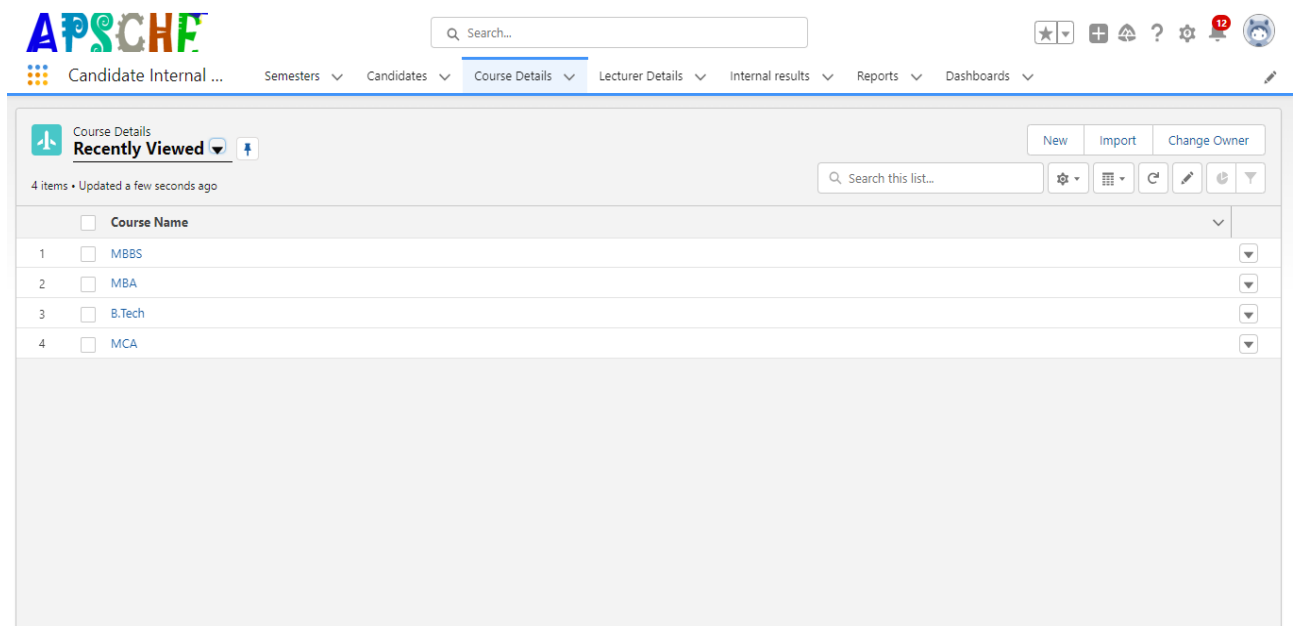
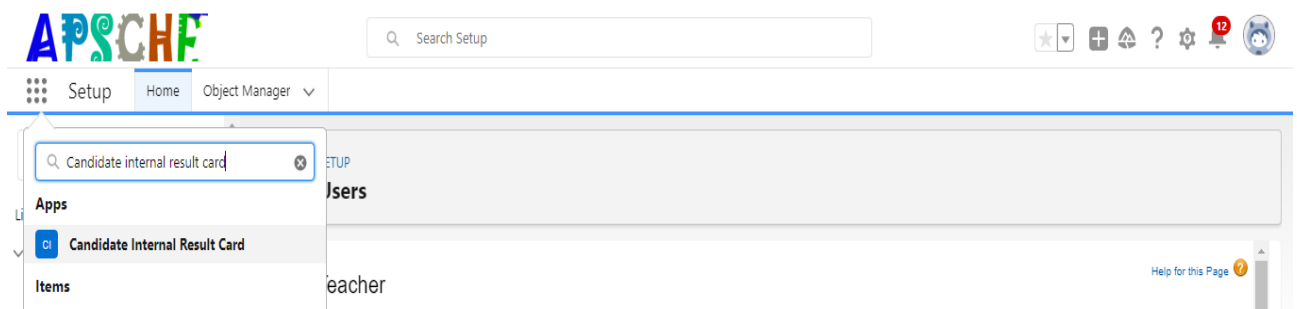
## INTRODUCTION

Salesforce user adoption is the simple act of enabling a user to use SFDC's full CRM capabilities by creating strategies around onboarding, training, and continued development – all to drive overall digital adoption

### 7.1 Create Record (Course Details)

Create Records on Course Details Objects

1. Click on App Launcher on left side of screen.
2. Search Candidate Internal Result Card App & click on it.
3. Click on Course Details tab.
4. Click new button
5. Fill all Course Details record details.
6. Click on Save Button.





## 7.2 View Record

Viewing the Records of Course Detail Object

### New Course Detail


\* = Required Information

Information

\* Course Name↶

Duration ⓘ↶

Owner

 A. Yugandhar Reddy

Candidate

🔍

Semester

🔍

Cancel

Save & New

Save

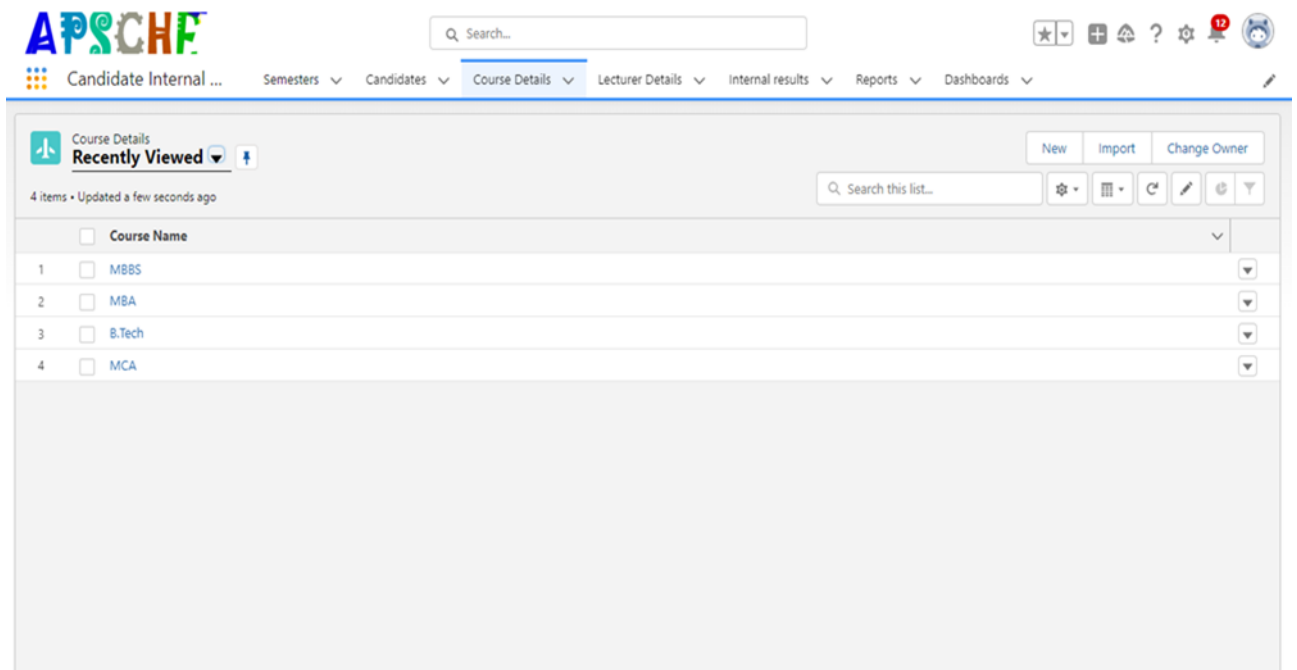
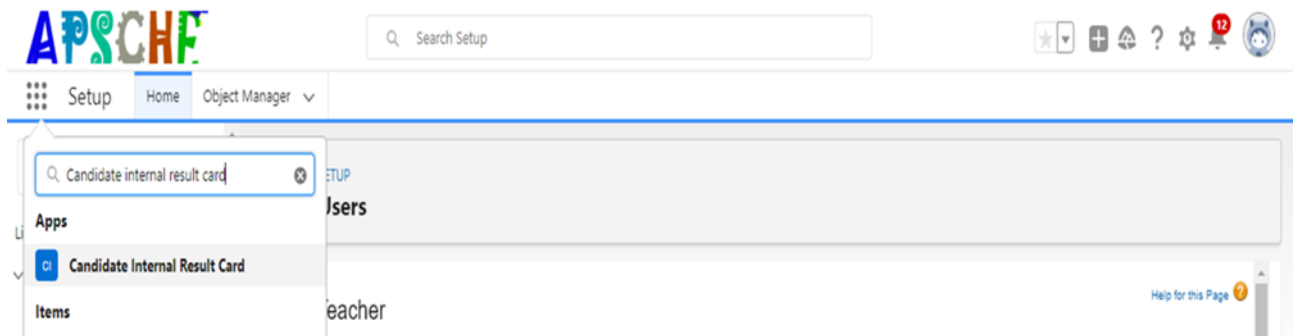
1. Click on App Launcher on left side of screen.
2. Search Candidate Internal Result Card & click on it.
3. Click on Course details Tab.
4. Click on any record name. you can see the details of the Driver



## 7.3 Delete Record

Deleting Records of Course Details Object

1. Click on App Launcher on left side of screen.
2. Search Candidate Internal Result Card & click on it.
3. Click on Course details Tab.
4. Click on Arrow at right hand side on that Particular record.
5. Click delete and delete again.



## CHAPTER 8 WHAT ARE REPORTS?

### INTRODUCTION

Reports in Salesforce is a list of records that meet a particular criterion which gives an answer to a particular question. These records are displayed as a table that can be filtered or grouped based on any field.

There are 4 types of report formats in Salesforce:

#### **Tabular Reports:**

This is the most basic report format. It just displays the row of records in a table with a grand total. While easy to set up they can't be used to create groups of data or charts and also cannot be used in Dashboards. They are mainly used to generate a simple list or a list with a grand total.

#### **Summary Reports:**

It is the most commonly used type of report. It allows grouping of rows of data, view sub total, and create charts.

#### **Matrix Report:**

It is the most complex report format. Matrix report summarizes information in a grid format. It allows records to be grouped by both columns and rows. It can also be used to generate dashboards. Charts can be added to this type of report.

#### **Joined Reports:**

These types of reports let us create different views of data from multiple report types. The data in joined reports are organized in blocks. Each block acts as a sub-report with its own fields, columns, sorting, and filtering. They are used to group and show data from multiple report types in different views.

#### **Report types:**

**Report type** determines which set of records will be available in a report. Every report is based on a particular report type. The report type is selected first when we create a report. Every report type has a primary object and one or more related objects. All these objects must be linked together either directly or indirectly.

A report type cannot include more than 4 objects. Once a report is created its report type cannot be changed.

There are 2 types of report types:

**Standard Report Types:** Standard Report Types are automatically included with standard objects and also with custom objects where "Allow Reports" is checked. Standard report types cannot be customized and automatically include standard and custom fields for each

object within the report type. Standard report types get created when an object is created, also when a relationship is created.

**Note:** Standard report types always have inner joins.

**Custom Report Types:** Custom report types are reporting templates created to streamline the reporting process. Custom Reports are created by an administrator or User with “Manage Custom Report Types” permission. Custom report types are created when standard report types cannot specify which records will be available on reports.

In custom report types we can specify objects which will be available in a particular report. The primary object must have a relationship with other objects present in a report type either directly or indirectly.

There are 3 types of access levels of folders:

**Viewer:** With this access level, users can see the data in a report but cannot make any changes except cloning it into a new report.

**Editor:** With this access level, users can view and modify the reports it contains and can also move them to/from any other folders they have access level as Editor or Manager.

**Manager:** With this access level, users can do everything Viewers & Editors can do, plus they can also control other user’s access levels to this folder. Also, users with Manager Access levels can delete the report.

## 8.1 Create Project

1. Click App Launcher
2. Select Candidate Internal Result Card App
3. Click reports tab
4. Click New Report.
5. Click the report type as Semesters with Course Click Start report.
6. Customize your report, in group rows select - Course Name, in group column Select Duration (In this way we are making a Matrix Report).
7. Click refresh
8. Click save and run
9. Give report name – Candidate Internal Result Report
10. Click Save

**NOTE:** In this report you can see your all record of the object you selected for reporting (What you Selects in “Select a report type option”).



1. On the report builder page, locate the "Fields" pane on the left-hand side.
2. Find the field for which you want to create a bucket field and drag it to the report preview section.
3. Click on the field in the report preview to open the field properties.
4. In the field properties, locate the "Summarize" option and click the drop-down arrow.
5. Select "Bucket Field" from the available options.
6. In the bucket field settings, define the buckets based on your requirements. You can specify the bucket ranges, labels, and groupings.
7. Click "OK" or "Apply" to save the bucket field settings.
8. Customize the report layout and add any additional fields or filters as needed.
9. Once you are satisfied with the report setup, click "Save" to save the report

**APSCHF**

Search...

Candidate Internal ... Semesters Candidates Course Details Lecturer Details Internal results Reports Dashboards

REPORT Candidate Internal Result Report Semesters with Course

Outline Filters

Groups

GROUP ROWS

Add group...

Course: Course Name

GROUP COLUMNS

Add group...

Course: Duration

Columns

Add column...

Semester: Semester Name

Previewing a limited number of records. Run the report to see everything. Update Preview Automatically

Course: Course Name	Course: Duration	2	4	5	Total
B.Tech	Record Count	0	3	0	3
MBA	Record Count	2	0	0	2
MBBS	Record Count	0	0	3	3
MCA	Record Count	3	0	0	3
Total	Record Count	5	3	3	11

Details (11 Rows) Click an intersection in the table above to filter details.

Semester: Semester Name

1 semester 3

2 Semester 1

3 semester 2

4 semester 1

5 semester 2

Row Counts Detail Rows Grand Total Stacked Summaries Conditional Formatting

New Dashboard

\* Name

Candidate Internal Result Card

Description

Folder

Private Dashboards

Select Folder

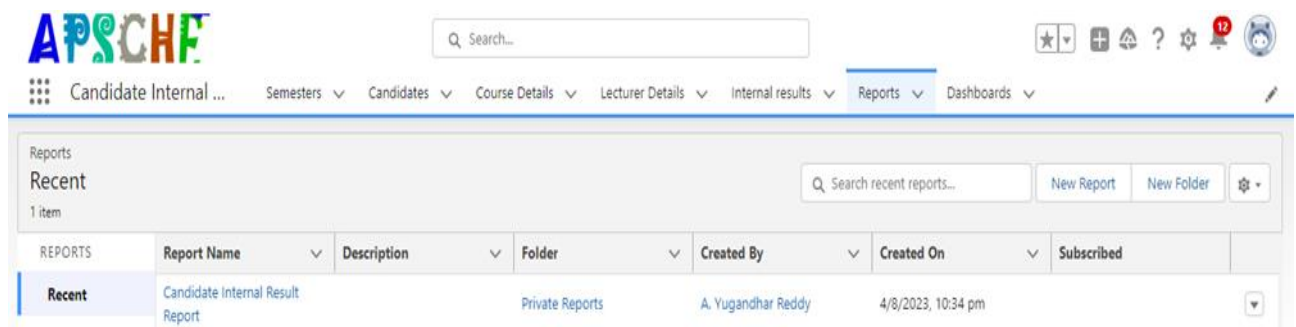
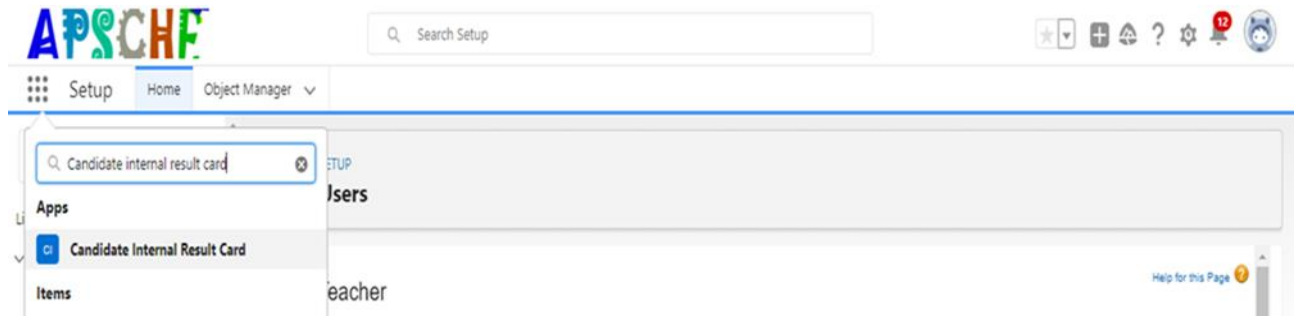
Cancel

Create



## 8.2 View Report

1. Click on App Launcher on left side of screen.
2. Search Candidate Internal Result Card App & click on it.
3. Click on Reports Tab.
4. Click on Candidate Internal Result Report and see records.



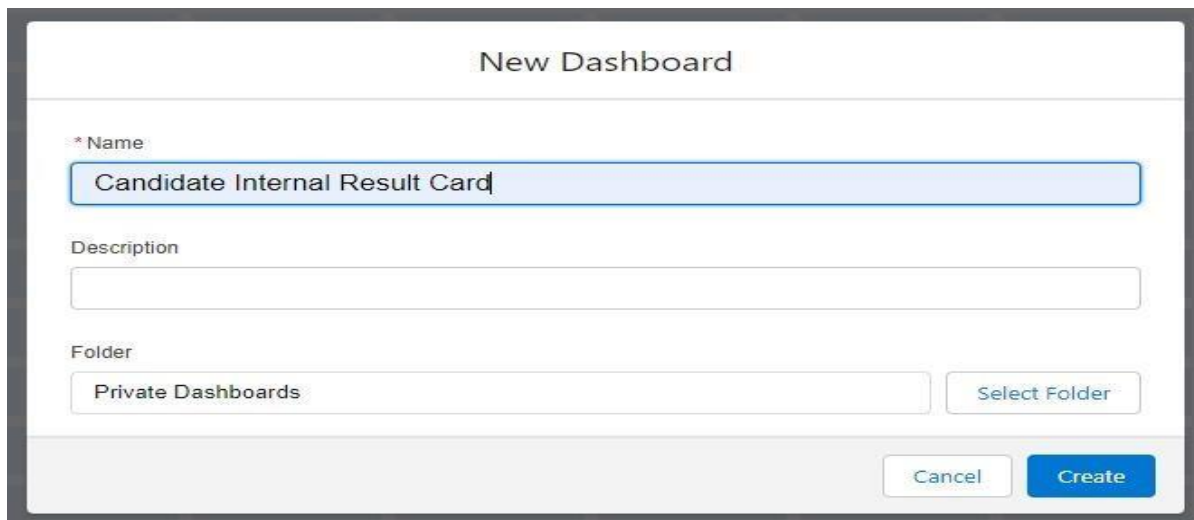
## CHAPTER 9 DASHBOARDS

### INTRODUCTION

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. Dashboard filters make it easy for users to apply different data perspectives to a single dashboard.

#### 9.1 Create Dashboard

1. Click on Dashboards tab from the Candidate Internal Result Card application.
2. Click on new dashboard.
3. Give name- Candidate Internal Result Card
4. Click create
5. Give your dashboard a name and click on +component
6. Select the Candidate Internal Result Report which you created.
7. For the data visualization select any of the chart, table etc. as per your choice/requirement.
8. Click add.
9. Click save.

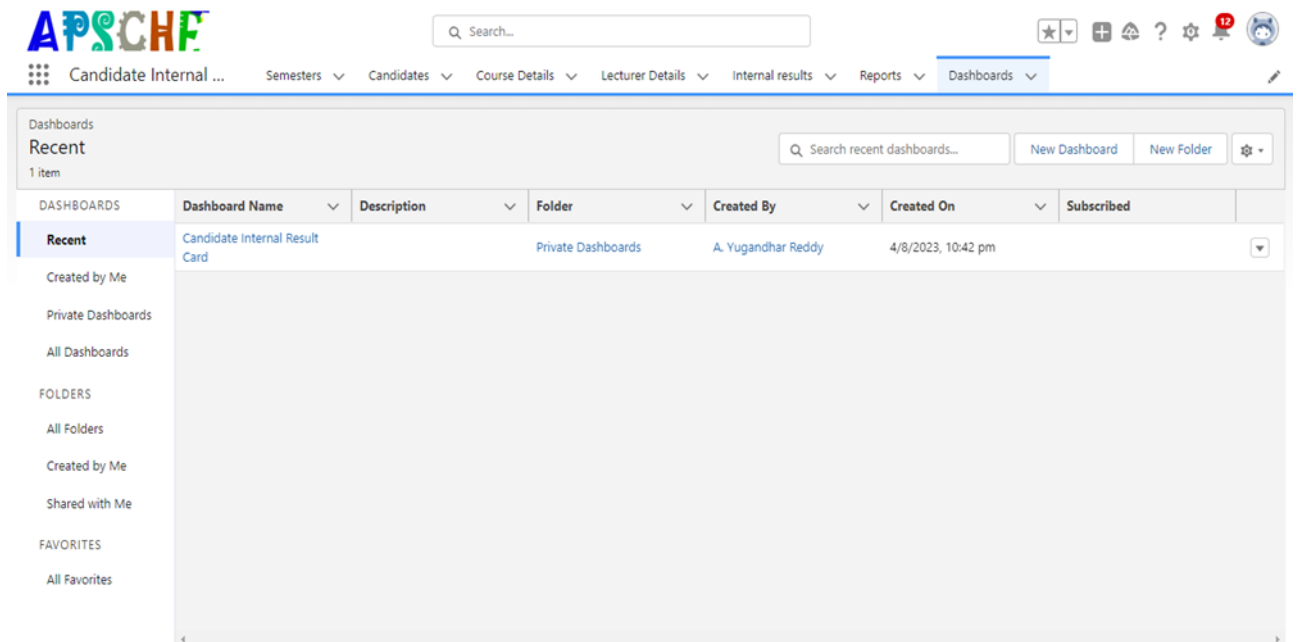
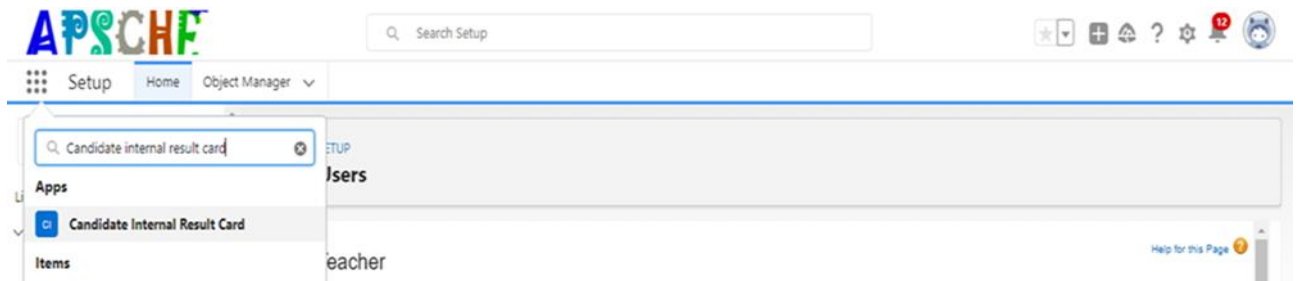


The screenshot shows a 'New Dashboard' form. It has a title bar 'New Dashboard'. Below it, there are three main input fields: 'Name' (with a red asterisk indicating it's required), 'Description', and 'Folder'. The 'Name' field contains the text 'Candidate Internal Result Card'. The 'Description' field is empty. The 'Folder' field contains the text 'Private Dashboards' and has a 'Select Folder' button next to it. At the bottom right of the form, there are two buttons: 'Cancel' and 'Create'.



## 9.2 View Dashboard

1. Click on App Launcher on left side of screen.
2. Search Candidate Internal Result Card & click on it.
3. Click on Dashboard Tab.
4. Click on Candidate Internal Result Card see graph view of records



## CHAPTER 10 EXPERIMENTAL RESULTS

Fig 10.1

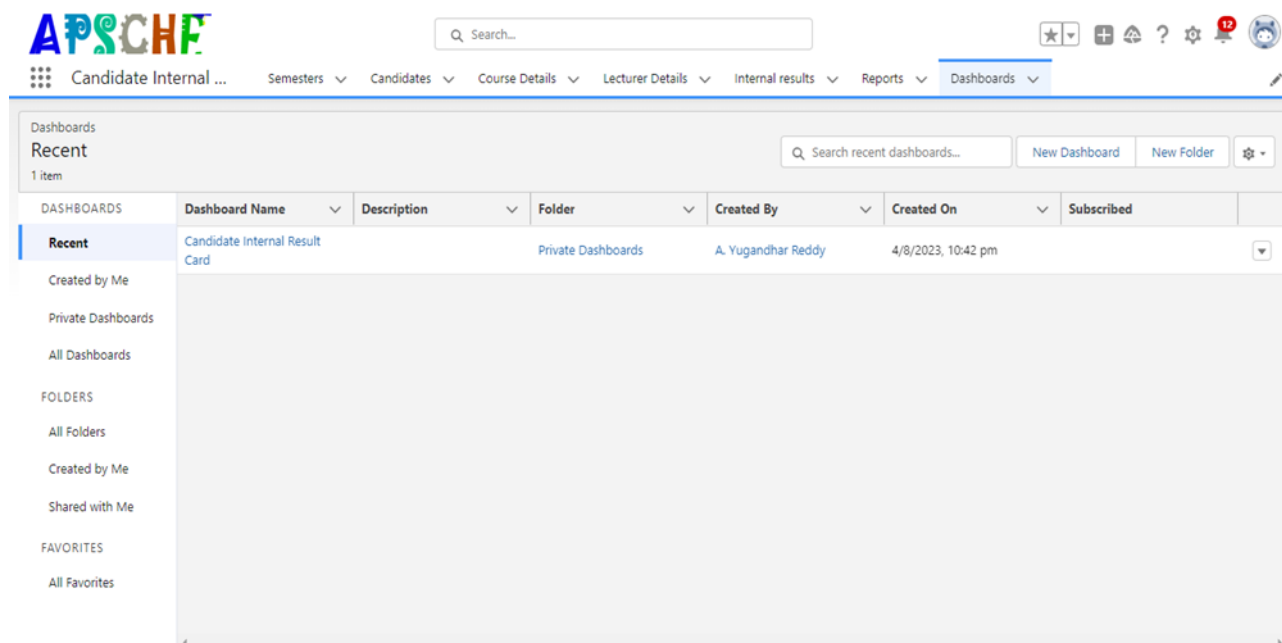


Fig 10.2

### Add Component

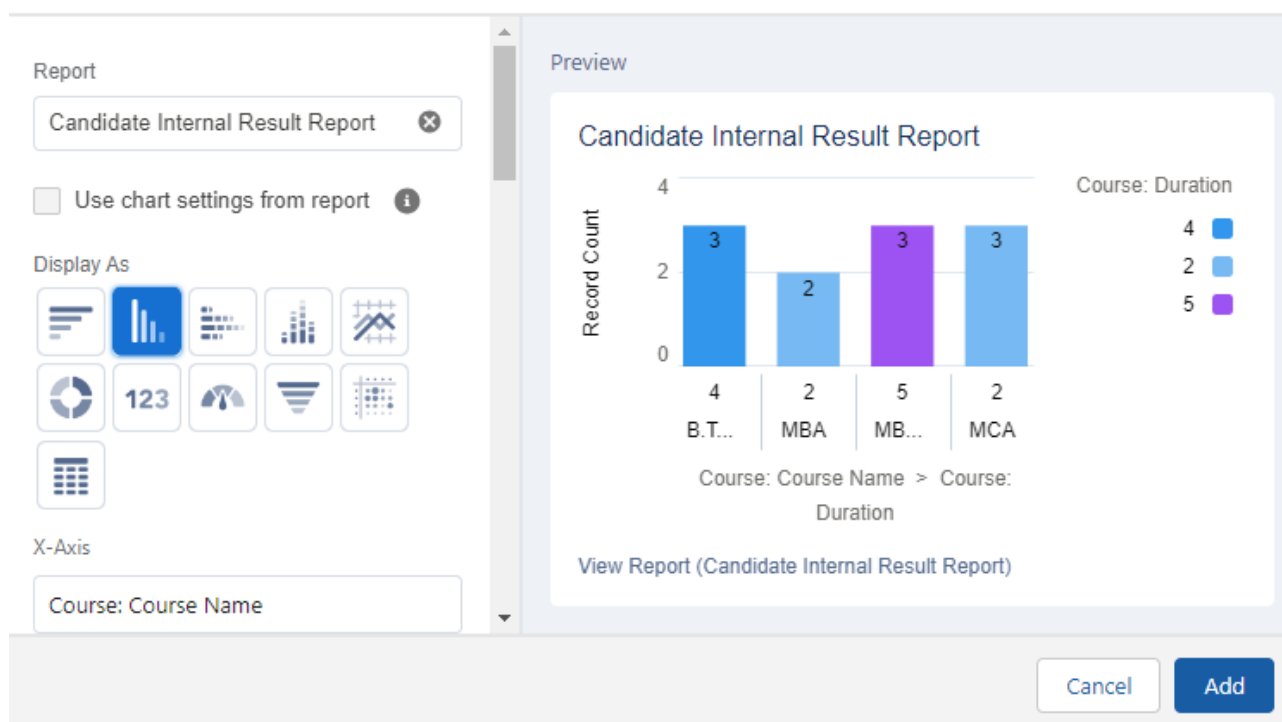


Fig 10.3

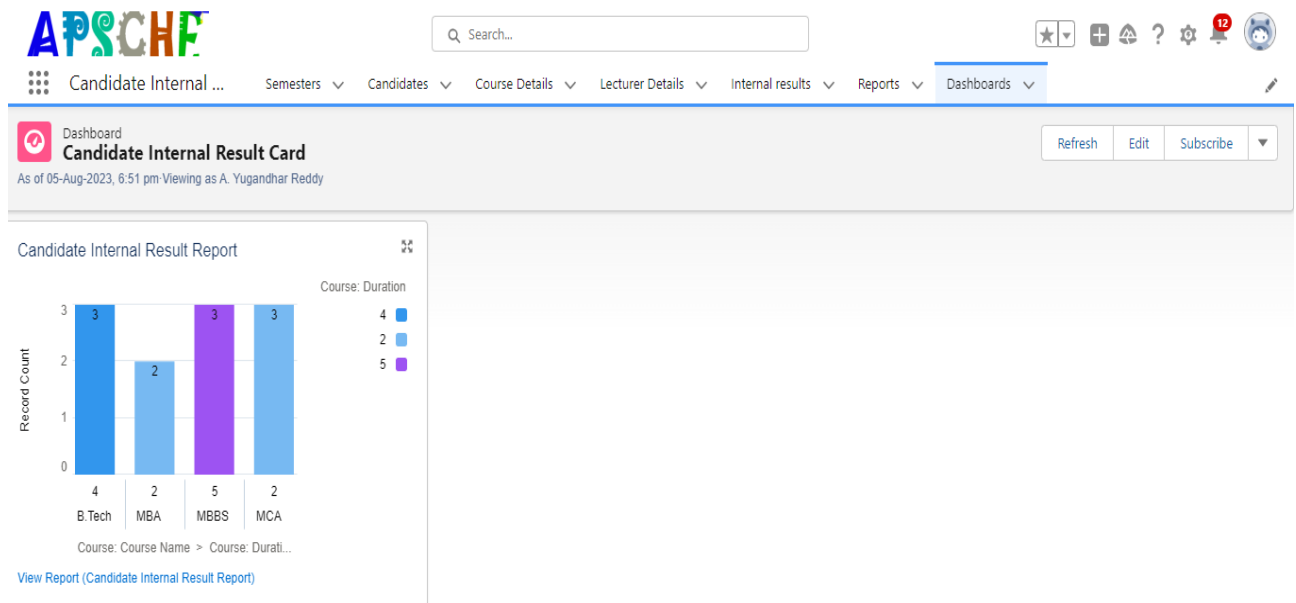
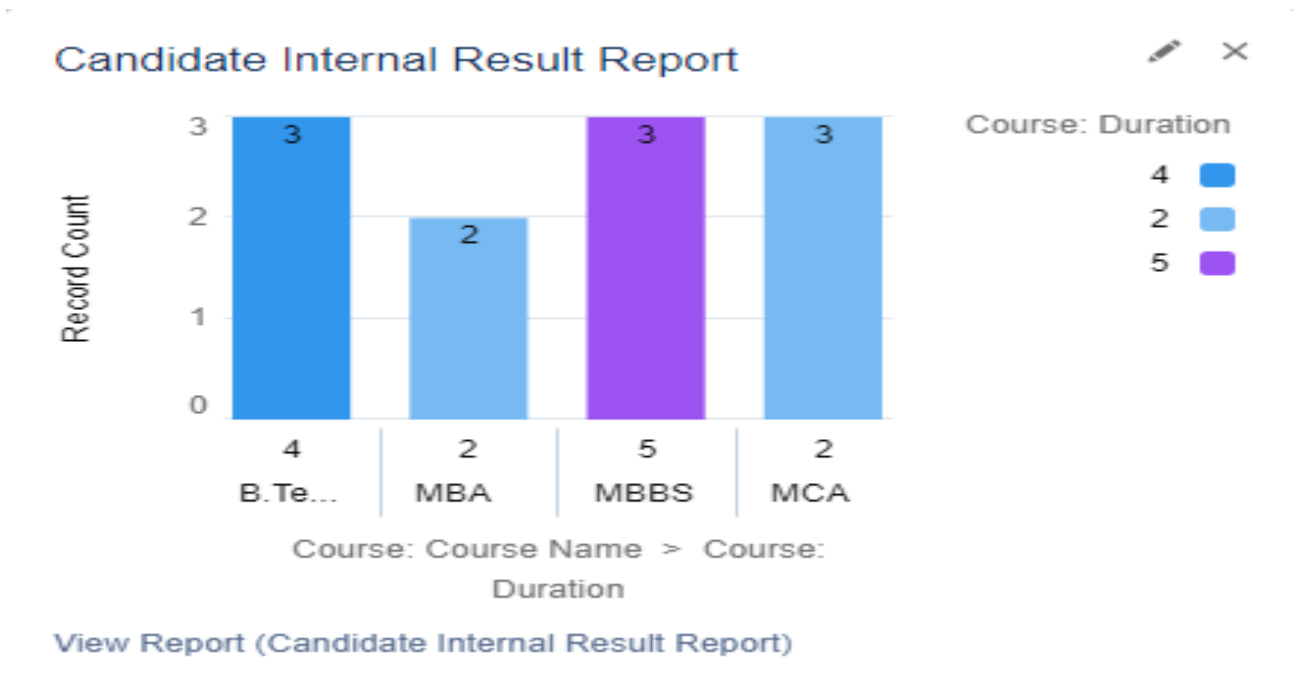


Fig 10.4



## **11. Advantages & Disadvantages:**

### **Advantages:**

- It is used to tracking the internal results of the students.
- It tracks of students data.
- Provides streamline operations.

### **Disadvantages:**

- If manual error occurs during the feeding of data it is difficult to be altered.
- Having lots of security concerns.
- It can be accessed by third party.

## **12. Conclusion:**

- It is easiest method to track the students internal result and also it can be tracked anywhere through online mode.

### **Future Scope:**

- Students date of birth can be included for verifying students.
- External marks can included so result analysis can be done easily.

### **Trailhead Profile Public URL:**

- **Team Lead** - <https://www.salesforce.com/trailblazer/ejayachandrika>
- **Team Member**- <https://www.salesforce.com/trailblazer/deepu799>







