

# PROJECT REPORT TEMPLATE

## IMPLEMENTING CRM FOR RESULT TRACKING OF A CANDIDATE WITH INTERNAL MARKS

### 1 INTRODUCTION

#### 1.1 Overview

A Implementing CRM for result tracking of a candidate with Internal Marks should be able to create all base data including Semester ,Candidate, Course and Lecturer ,Lecturer should have the ability to create Internal marks ,Dean, Who is the one of the lecturer ,Should be the only one with ability to update Internal Results, Re- evaluation can be initialized by Candidate for all Internal Results . Now only dean can update the marks after re- evaluation.

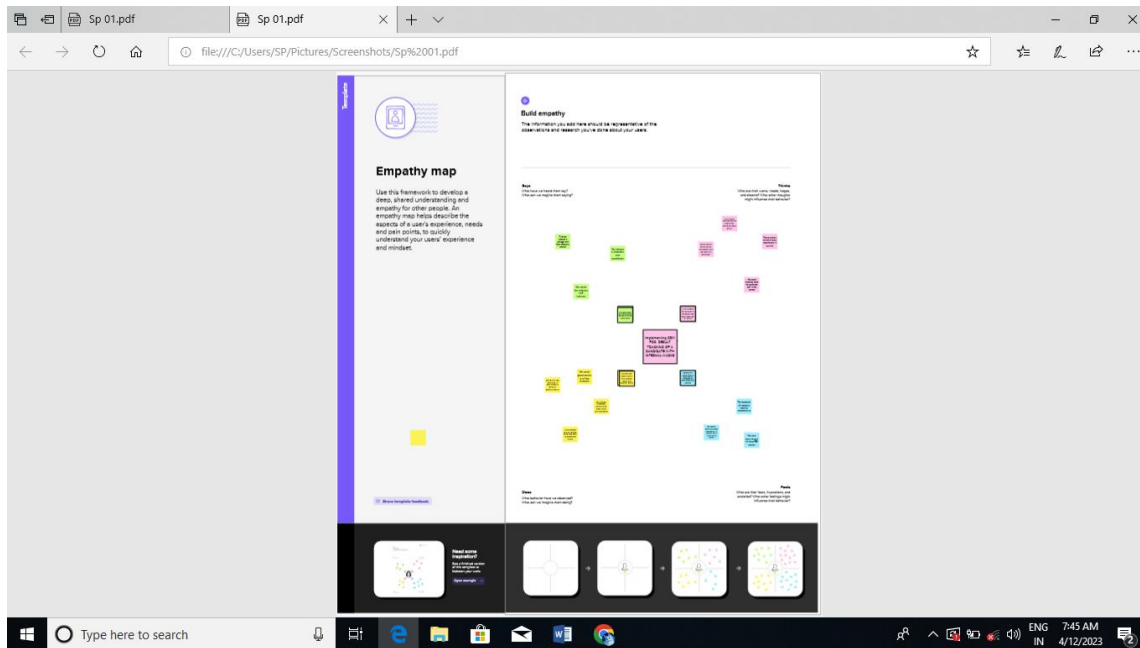
#### 1.2 Purpose

Depending on the type of the internal marks

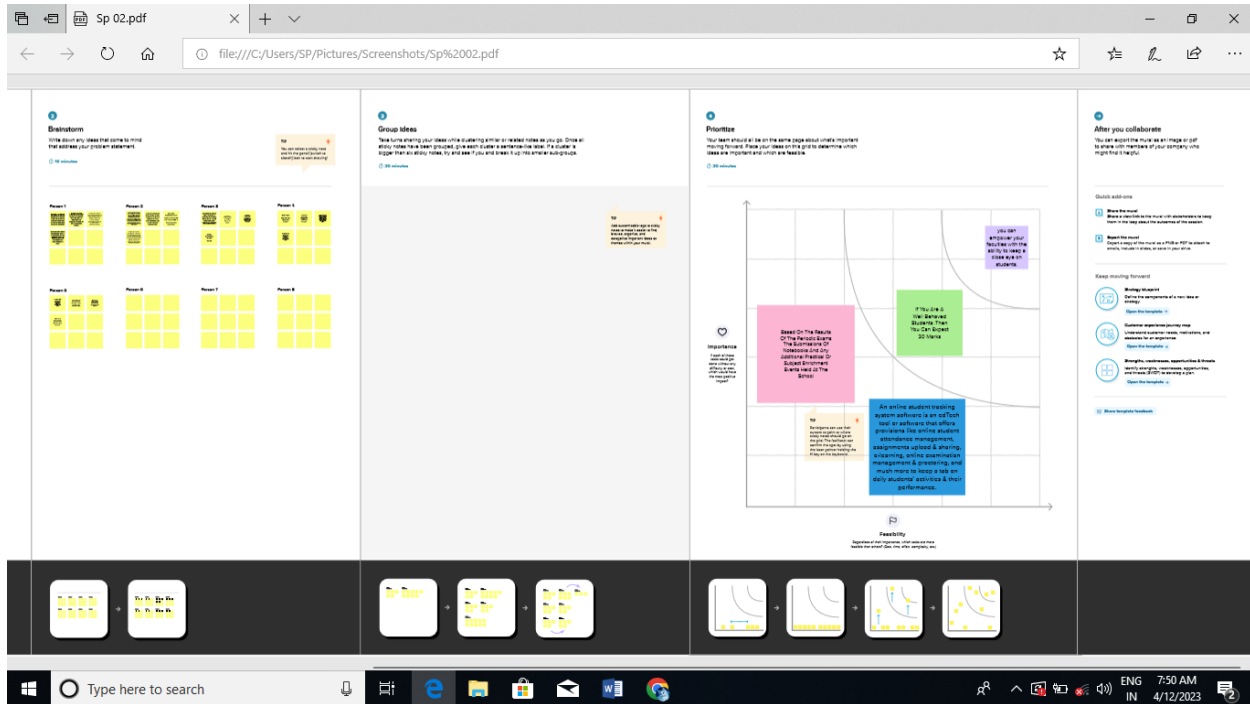
- ❖ Improve the Students marks
- ❖ Improve the student activities and give a qualified education
- ❖ Lecturer should be can understand the Students mindset.

### 2 Problem Definition & Design Thinking

#### 2.1 Empathy Map



## 2.2 IDEATION & BRAINSTORMING MAP:



## 3 RESULT

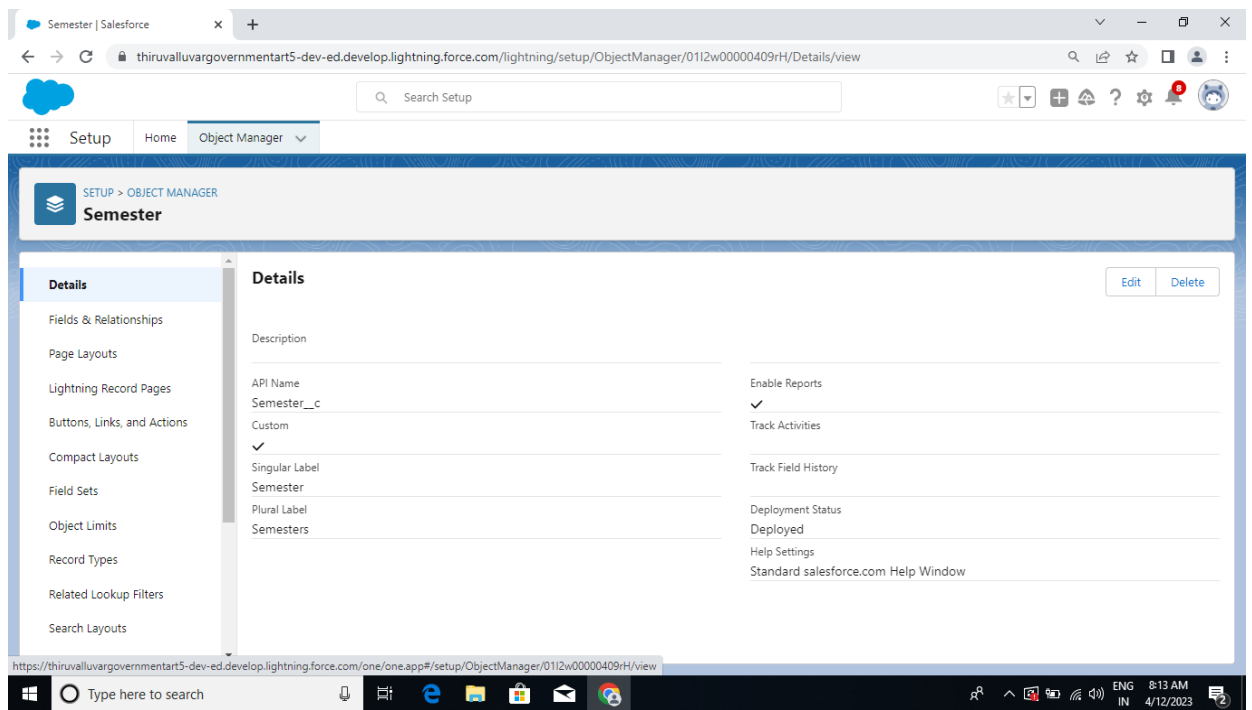
### 3.1 DATA MODEL:

| OBJECT NAME     | FIELDS IN THE OBJECT      |           |
|-----------------|---------------------------|-----------|
| SEMESTER        | FIELD LABEL               | DATA TYPE |
|                 | Semester Name             | Text      |
|                 | Course(lookup)            | Text      |
| CANDIDATE       | FIELD LABEL               | DATA TYPE |
|                 | Candidate name            | Text      |
|                 | Candidate ID              | Text      |
|                 | Semester name             | Text      |
|                 | Internal results(look up) | Text      |
| COURSE DEATAILS | 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(lookup) | Text      |
| INTERNAL RESULTS | FIELD LABEL    | DATA TYPE |
|                  | Candidate Name | Text      |
|                  | Candidate ID   | Text      |
|                  | Marks          | Text      |

### 3.2 ACTIVITY & SCREENSHOT :

#### CREATION OF SEMESTER OBJECT



The screenshot shows the Salesforce Setup interface for the 'Semester' object in the Object Manager. The left sidebar contains a navigation menu with the following 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 content area is titled 'Details' and includes the following information:

- Description:** (Empty text field)
- API Name:** Semester\_\_c
- Custom:** ☒
- Singular Label:** Semester
- Plural Label:** Semesters
- Enable Reports:** ☒
- Track Activities:** ☒
- Track Field History:** ☐
- 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 address bar shows the URL: <https://thiruvalluvargovernmentart5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w00000409rH/Details/view>. The Windows taskbar at the bottom shows the time as 8:13 AM on 4/12/2023.

#### CREATION OF CUSTOM TABS:



## CREATION OF CANDIDATE:

Candidate | Salesforce

thiruvalluvargovernmentart5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w00000409uf/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER  
Candidate

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 Id     | Candidate_id__c     | Text(80)           |                   |         |
| Candidate Name   | Name                | Text(80)           |                   | ✓       |
| Created By       | CreatedById         | Lookup(User)       |                   |         |
| Internal results | Internal_results__c | Text(80)           |                   |         |
| Last Modified By | LastModifiedById    | Lookup(User)       |                   |         |
| Owner            | OwnerId             | Lookup(User,Group) |                   | ✓       |
| Semester Name    | Semester_Name__c    | Text(80)           |                   |         |

Type here to search

8:42 AM 4/12/2023

## CRATION OF COURSE DETAILS:

Course Detail | Salesforce

thiruvalluvargovernmentart5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w00000409w2/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER  
Course Detail

Details

Edit Delete

Description

API Name  
Course\_Deetail\_\_c

Custom

✓

Singular Label  
Course Detail

Plural Label  
Course Details

Enable Reports  
✓

Track Activities

Track Field History

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

Type here to search

8:46 AM 4/12/2023

## CREATION OF LECTURER DEATAILS:

The screenshot shows the Salesforce Setup interface for the 'Lecturer Detail' object. The left sidebar contains a navigation menu with 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 content area is titled 'Lecturer Detail' and includes an 'Edit' button and a 'Delete' button. The 'Details' section is expanded, showing the following fields:

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

The bottom of the screen shows the Windows taskbar with the search bar and various application icons. The system clock indicates 8:46 AM on 4/12/2023.

## CREATION OF INTERNAL MARKS:

The screenshot shows the Salesforce Setup interface for the 'Internal result' object. The left sidebar contains a navigation menu with 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 content area is titled 'Internal result' and includes an 'Edit' button and a 'Delete' button. The 'Details' section is expanded, showing the following fields:

| Field Name          | Value                               |
|---------------------|-------------------------------------|
| Description         |                                     |
| 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       | Standard salesforce.com Help Window |

The bottom of the screen shows the Windows taskbar with the search bar and various application icons. The system clock indicates 8:46 AM on 4/12/2023.

# CREATION OF LIGHTNING APP:

App Manager | Salesforce

thiruvalluvgovernmentart5-dev-ed.develop.lightning.force.com/lightning/setup/NavigationMenus/home

To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 8.1.

Search Setup

Setup Home Object Manager

app manager

Apps

App Manager

Didn't find what you're looking for?  
Try using Global Search.

SETUP

Lightning Experience App Manager

New Lightning App New Connected App

Clone Apps(Beta)

Quickly create new Lightning apps by cloning existing apps. To use the beta feature, indicate that you've read all legal requirements and agree to participate by toggling Enable App Cloning. See additional details and terms in the [Winter '23 release notes](#)

Enable App Cloning Disabled

22 items • Sorted by App Name • Filtered by All appmenuitems - TabSet Type

|   | App Name ↑       | Developer Name | Description                                    | Last Modified ...    | Ap...     | Vi... |
|---|------------------|----------------|--|----------------------|-----------|-------|
| 1 | All Tabs         | AllTabSet      |  | 10/03/2023, 12:54 pm | Classic   |       |
| 2 | Analytics Studio | Insights       | Build CRM Analytics dashboards and apps        | 10/03/2023, 12:54 pm | Classic   | ✓     |
| 3 | App Launcher     | AppLauncher    | App Launcher tabs                              | 10/03/2023, 12:54 pm | Classic   | ✓     |
| 4 | Rolt Solutions   | LightningRolt  | Discover and manage business solutions desi... | 10/03/2023, 12:56 pm | Lightning | ✓     |

Windows Taskbar

System Tray

## CREATE THE CANDIDATE INTERNAL RESULT CARD APP:

The screenshot shows the Salesforce Lightning App Builder interface in a web browser. The browser's address bar displays the URL: `thiruvalluvargovernmentart5-dev-ed.develop.lightning.force.com/visualEditor/appBuilder.app?id=02u2w000005E3YPAA0&retUrl=https%3A%2F%2Fthiruvalluvargo...`. A notification at the top states: "To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 8.1." with a "Learn more" link.

The interface has a dark blue header with the following tabs: "Lightning App Builder", "App Settings", "Pages", and "Candidate Internal Result Card". A "Help" icon is on the right.

The left sidebar is titled "App Settings" and contains the following menu items: "App Details & Branding" (selected), "App Options", "Utility Items (Desktop Only)", "Navigation Items", and "User Profiles".

The main content area is titled "App Details & Branding" and includes the instruction: "Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar." The content is divided into two columns:

- App Details:**
  - \* App Name:** A text field containing "Candidate Internal Result Card".
  - \* Developer Name:** A text field containing "Candidate\_Internal\_Result\_Card".
  - Description:** A text area with the placeholder "Enter a description..."
- App Branding:**
  - Image:** A box with an "Upload" button.
  - Primary Color Hex Value:** A dropdown menu showing a blue color and a text field containing "#0070D2".
  - Org Theme Options:** A checkbox labeled "Use the app's image and color instead of the org's custom theme", which is currently unchecked.
  - App Launcher Preview:** A preview showing a blue square icon with the letters "CI" and a label "Candidate Internal Result C..."

The Windows taskbar is visible at the bottom, showing various application icons and the system clock displaying "10:09" and "13-04-2023".



## CREATING A USERS:

The screenshot shows the Salesforce Setup page for Users. The left sidebar contains navigation links: Setup Home, Service Setup Assistant, Multi-Factor Authentication Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, ADMINISTRATION, Users (selected), Permission Set Groups, Permission Sets, Profiles, Public Groups, and Queues. The main content area is titled "All Users" and includes a search bar, a "View: All Users" dropdown, and a "Create New View" link. Below this is a table of users with columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The table lists five users: Chatter Expert, M. SANTHOSHPRIVA, M. Santhoshpriya, User\_Integration, and User\_Security. Each user has an "Edit" link and a checkbox. The bottom of the page shows a Windows taskbar with various application icons and a system clock displaying 10:21 on 13-04-2023.

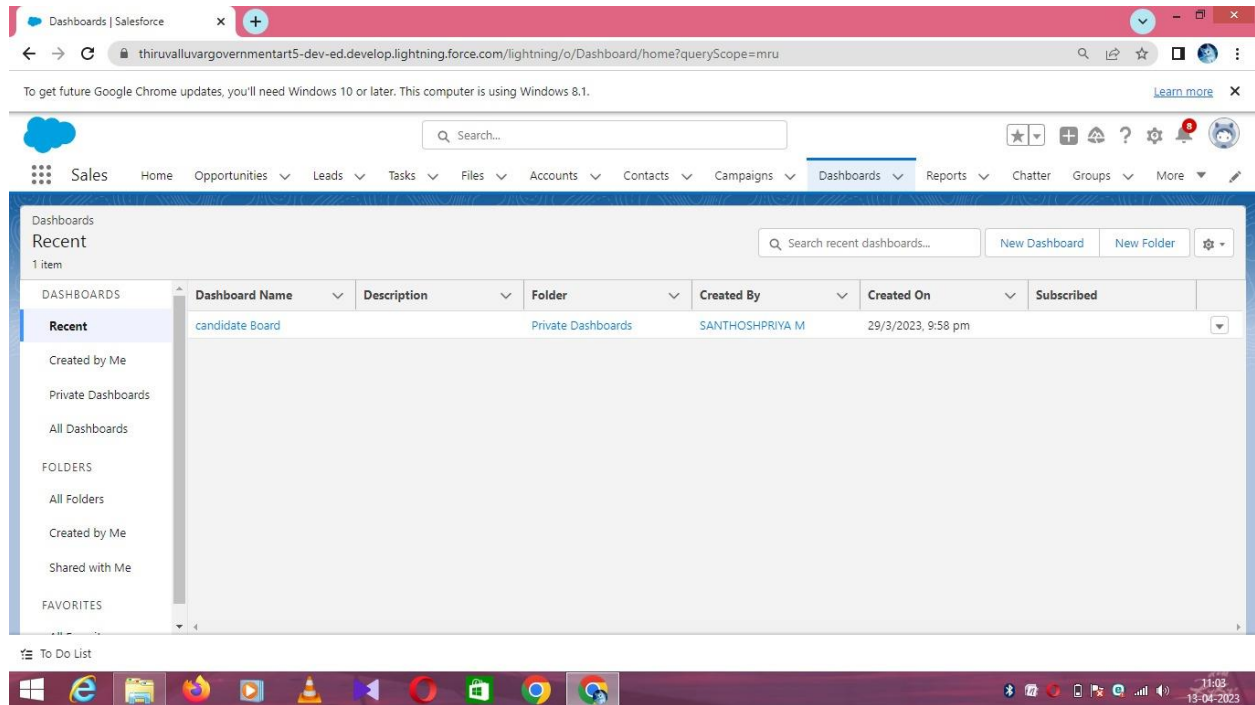
| Action                        | Full Name        | Alias   | Username  | Role | Active | Profile                          |
|-------------------------------|------------------|---------|---|------|--------|----------------------------------|
| <input type="checkbox"/> Edit | Chatter Expert   | Chatter | chatty.00d2w00000jw9e0ad_ez8vfm0iikv@chatter.salesforce.com |      | ✓      | Chatter Free User                |
| <input type="checkbox"/> Edit | M. SANTHOSHPRIVA | SM      | santhoshpriyam@t9ac.com                                     |      | ✓      | System Administrator             |
| <input type="checkbox"/> Edit | M. Santhoshpriya | sm      | santhoshmarimuthu464@gmail.com                              |      | ✓      | Minimum Access - Salesforce      |
| <input type="checkbox"/> Edit | User_Integration | integ   | integration@00d2w00000jw9e0ad.com                           |      | ✓      | Analytics Cloud Integration User |
| <input type="checkbox"/> Edit | User_Security    | sec     | insightssecurity@00d2w00000jw9e0ad.com                      |      | ✓      | Analytics Cloud Security User    |

## CREATE A REPORT:

The screenshot shows the Salesforce Reports page. The left sidebar contains navigation links: Reports, Recent (1 item), REPORTS, Created by Me, Private Reports, Public Reports, All Reports, FOLDERS, All Folders, Created by Me, Shared with Me, FAVORITES, and All Favorites. The main content area is titled "Recent" and includes a search bar, a "New Report" button, and a "New Folder" button. Below this is a table of reports with columns for Report Name, Description, Folder, Created By, Created On, and Subscribed. The table lists one report: "santhoshpriya" in the "Private Reports" folder, created by "SANTHOSHPRIVA M" on 29/3/2023, 9:57 pm. The bottom of the page shows a Windows taskbar with various application icons and a system clock displaying 10:26 on 13-04-2023.

| Report Name   | Description | Folder          | Created By      | Created On         | Subscribed |
|---------------|-------------|-----------------|-----------------|--------------------|------------|
| santhoshpriya |             | Private Reports | SANTHOSHPRIVA M | 29/3/2023, 9:57 pm |            |

## CREATE A DASHBOARD:



### 4 TRAILHEAD PROFILE PUBLIC URL

Team Lead : <https://trailblazer.me/id/ang200>  
Team Member 1: <https://trailblazer.me/id/som111>  
Team Member 2: <https://trailblazer.me/id/mee936>  
Team Member 3: <https://trailblazer.me/id/kkk128>  
Team Member 4: <https://trailblazer.me/id/pts777>

### 5 ADVANTAGES

- ❖ It reduces the weightage of external assessments.
- ❖ Your marks obtained by your assignment or other co-curricular activities or your behavior most important.
- ❖ The marks you obtained in your exam or theory is external marks. For practical exam there is both internal marks and external marks.
- ❖ The internal assessment helps to give credit in the final assessment.

### DISADVANTAGE

- ❖ It will lose its importance due to unfairness, favoring a student, and biasness.
- ❖ Also in the hand of the inexperienced and insincere teacher, it can cause harm to students.

- ❖ They are chances that teacher may misuse it for their own benefits.

## **6 APPLICATIONS**

A Implementing CRM for result tracking of a candidate with Internal marks should be able to create all base data including Semester ,Candidate, Course and Lecturer, Lecturer should have the ability to create Internal marks ,Dean, Who is the one of the lecturer, Should be the only one with ability to update Internal Results, Re-evaluation can be initialized by Candidate for all Internal Results. Now only dean can update the marks after re-evaluation

- Students become more attentive during lectures
- Fear and anxiety about exams in students is reduced and it makes students more ready for their final or external exams.
- Students can evaluate themselves and correct their mistakes, which should not be done in final exams.
- It reduces the weightage of external exams.

## **7 CONCLUSION**

“Internal marks Assessment System” is a web Application , it is a php based project, and the main goal of the project is to automate particular student internal marks calculations. This system is an alternative to the existing paper work calculation of internal marks.

## **8 FUTURE SCOPE**

The future of Salesforce looks bright as the demand for Salesforce professionals continues to grow. With the increasing adoption of cloud technology and the growth of customer relationship management (CRM) systems, there will be a growing need for Salesforce expertise in the coming years.

In addition, the company is constantly innovating and adding new features and capabilities to its platform, which will create new job opportunities and career paths for those trained in Salesforce. As more companies turn to Salesforce to manage customer interactions, it's likely that the demand for Salesforce experts will only increase. Therefore, learning Salesforce can be a smart career move for individuals looking for a lucrative and stable career in the technology field.

So, if you want to learn salesforce for free then you must go for Intellipaat's salesforce video training which would definitely help you to learn the salesforce fundamentals in the best and effective manner









