

GARAGE MANAGEMENT SYSTEM

College Name: kamadhenu arts and science College

College Code: Bru4p

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1. INTRODUCTION :

The Garage Management System is a valuable tool for automotive repair facilities, helping them deliver top-notch service, increase operational efficiency, and build lasting customer relationships. With its user-friendly interface and powerful features, GMS empowers garages to thrive in a competitive market while ensuring a seamless and satisfying experience for both customers and staff.

2. PROJECT OVERVIEW :

1.1 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.

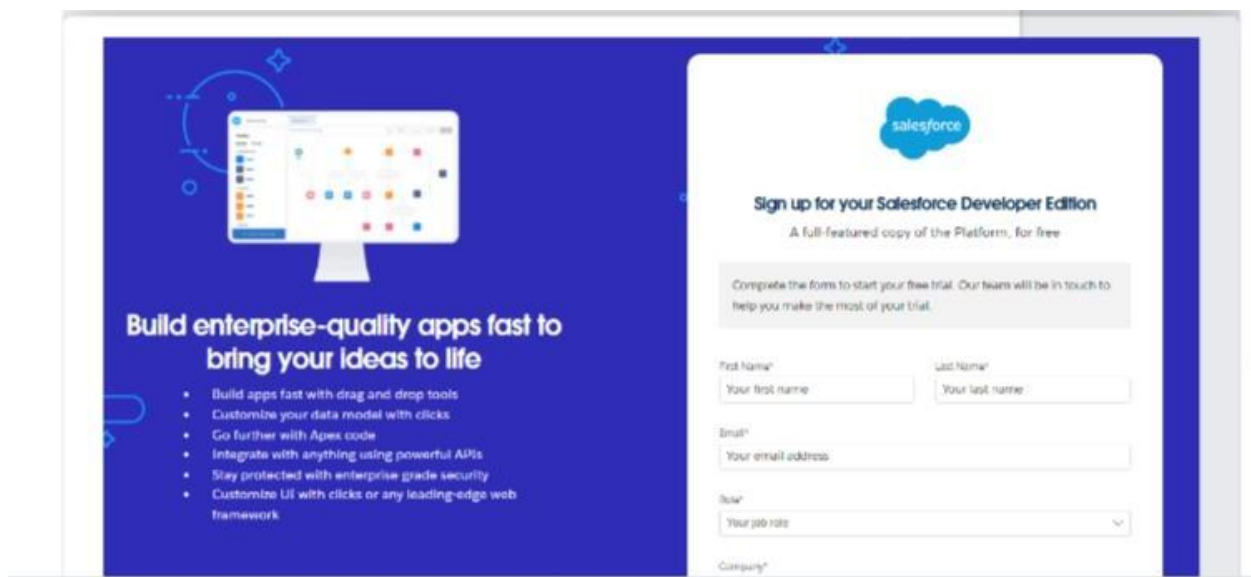
So what does that really mean? Well, before Salesforce, your contacts, emails, follow-up tasks, and prospective deals might have been organized something like this:

<https://youtu.be/r9EX3lGde5k>


Creating Developer Account:









Creating a developer org in salesforce :


By using this URL - <https://www.salesforce.com/form/developer-signup/?d=pb>




Created objects : customer details, Appointment , service record, Billing details And feedback






 Search Setup

 Setup

Home

Object Manager 

SETUP > OBJECT MANAGER

Customer Details

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

Details

Description

API Name
Customer_Details__c

Custom
✓

Singular Label
Customer Details

Plural Label
Customer Details

Enable Reports
✓

Track Activities
✓


Track Field History
✓









Deployment Status
Deployed


Help Settings
Standard salesforce.com Help Window


Edit

Delete






 Search Setup

 Setup

Home

Object Manager 

SETUP > OBJECT MANAGER

Appointment

Details

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Description

API Name
Appointment__c

Custom
✓

Singular Label
Appointment

Plural Label
Appointments

Enable Reports
✓

Track Activities


Track Field History
✓








Deployment Status
Deployed


Help Settings
Standard salesforce.com Help Window


Edit

Delete






 Search Setup

 Setup

Home

Object Manager 

SETUP > OBJECT MANAGER

Service record

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Details

Description

API Name

Service_records__c

Custom

✓

Singular Label

Service record

Plural Label

Service records

Enable Reports

✓

Track Activities

Track Field History

✓

Deployment Status


Deployed








Help Settings


Standard salesforce.com Help Window


Edit

Delete






 Search Setup

 Setup

Home

Object Manager 

SETUP > OBJECT MANAGER

Billing details and feedback

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

Details

Description

API Name

Billing_details_and_feedback__c

Custom

✓

Singular Label

Billing details and feedback

Plural Label

Billing details and feedbacks

Enable Reports

✓

Track Activities

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

Edit

Delete

- Configured fields and relationships

Setup Home Object Manager

SETUP > OBJECT MANAGER

Customer Details

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Field Quick Find

6 Items, sorted by Field Label

New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Customer Details	Name	Text(80)		✓
Gmail	Gmail_c__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Phone number	Phone_number__c	Phone		

Setup Home Object Manager

SETUP > OBJECT MANAGER

Appointment

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Scoping Rules

Object Access

Triggers

Flow Triggers

Validation Rules

Conditional Field Formatting

Field Quick Find

13 Items, sorted by Field Label

New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Appointment	Appointment__c	Lookup(Appointment)		✓
Appointment Date	Appointment_Date__c	Date		
Appointment Name	Name	Auto Number		✓
Billing details and feedback	Billing_details_and_feedback__c	Lookup(Service record)		✓
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Maintenance service	Maintenance_service__c	Checkbox		
Owner	OwnerId	Lookup(User,Group)		✓
Payment Paid	Payment_Paid__c	Currency(18, 0)		
Repairs	Repairs__c	Checkbox		
Replacement Parts	Replacement_Parts__c	Checkbox		
Service Amount	Service_Amount__c	Currency(18, 0)		
Vehicle number plate	Vehicle_number_plate__c	Text(10) (Unique Case Insensitive)		✓

Service record

	Field Label	Field Name	Data Type	Controlling Field	Indexed
Page Layouts	Created By	CreatedById	Lookup(User)		
Lightning Record Pages	Last Modified By	LastModifiedById	Lookup(User)		
Buttons, Links, and Actions	Owner	OwnerId	Lookup(User,Group)		✓
Compact Layouts	Payment Status	Payment_Status__c	Picklist		▼
Field Sets	Quality Check Status	Quality_Check_Status__c	Checkbox		▼
Object Limits	service date	service_date__c	Formula (Date)		▼
Record Types	Service records Name	Name	Auto Number		▼
Related Lookup Filters	Service Status	Service_Status__c	Picklist		▼
Search Layouts					
List View Button Layout					

- **Developed Lightning App with relevant tabs**

New Lightning App

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

App Details

* App Name ⓘ

Garage management

* Developer Name ⓘ

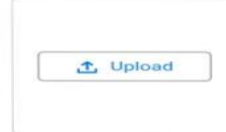
Garage_management

Description ⓘ

Enter a description...

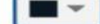
App Branding

Image ⓘ



Primary Color Hex

Value ⓘ

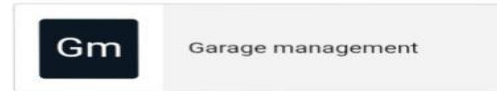


#0B1722

Org Theme Options

☐ Use the app's image and color instead of the org's custom theme

App Launcher Preview



New Lightning App

Navigation Items

Choose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or rename the items that you add. Some navigation items are available only for phone or only for desktop. These items are dropped from the navigation bar when the app is viewed in a format that the item doesn't support.

Available Items



Create ▼

- Accounts
- Activation Targets
- Activations
- All Sites
- Alternative Payment ...
- Analytics
- App Launcher
- Appointment Categori...
- Appointment Invitations
- Appointments



Selected Items

No items selected



- To create a validation rule to an Appointment Object

Setup Home Object Manager

SETUP > OBJECT MANAGER

Appointment

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Scoping Rules

Object Access

Triggers

Flow Triggers

Validation Rules

Appointment Validation Rule

Define a validation rule by specifying an error condition and a corresponding error message. The error condition is written as a Boolean formula expression that returns true or false. When the formula expression returns true, the save will be aborted and the error message will be displayed. The user can correct the error and try again.

Validation Rule Edit Save Save & New Cancel

Rule Name

Active ☒

Description

Error Condition Formula Required Information

Example: [More Examples...](#)
 Display an error if Discount is more than 30%
 If this formula expression is **true**, display the text defined in the Error Message area

Quick Tips

- Operators & Functions

Functions

– All Function Categories –

ABS

ABS(number)
 Returns the absolute value of a number, a number without its sign

[Help on this function](#)

Error Message

Example:

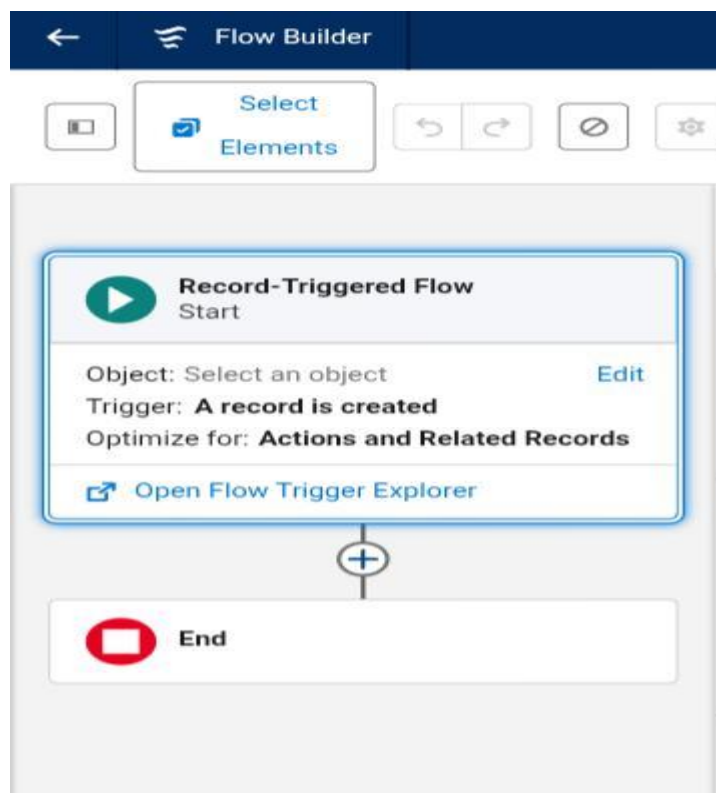
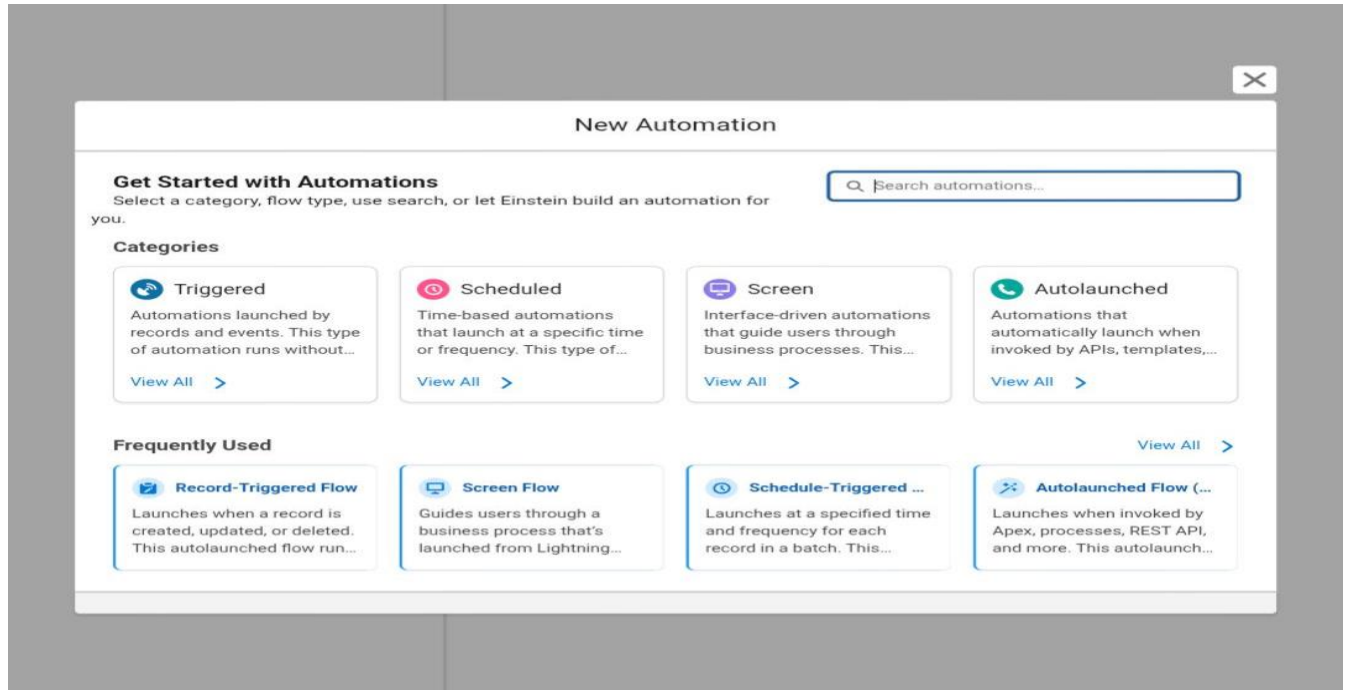
This message will appear when Error Condition formula is **true**

Error Message

This error message can either appear at the top of the page or below a specific field on the page

Error Location ☐ Top of Page ☒ Field

- Create a Flow :



- Added Apex trigger to restrict multiple tenants per property

```

File Edit Debug Test Workspace Help < >
AmountDistribution.apxt
Code Coverage: None API Version: 64 Go To
1 trigger AmountDistribution on Appointment__c (before insert, before update) {
2     if(trigger.isbefore && trigger.isinsert || trigger.isupdate){
3
4         AmountDistributionHandler.amountDist(trigger.new);
5
6
7
8     }
9
10
11
12 }

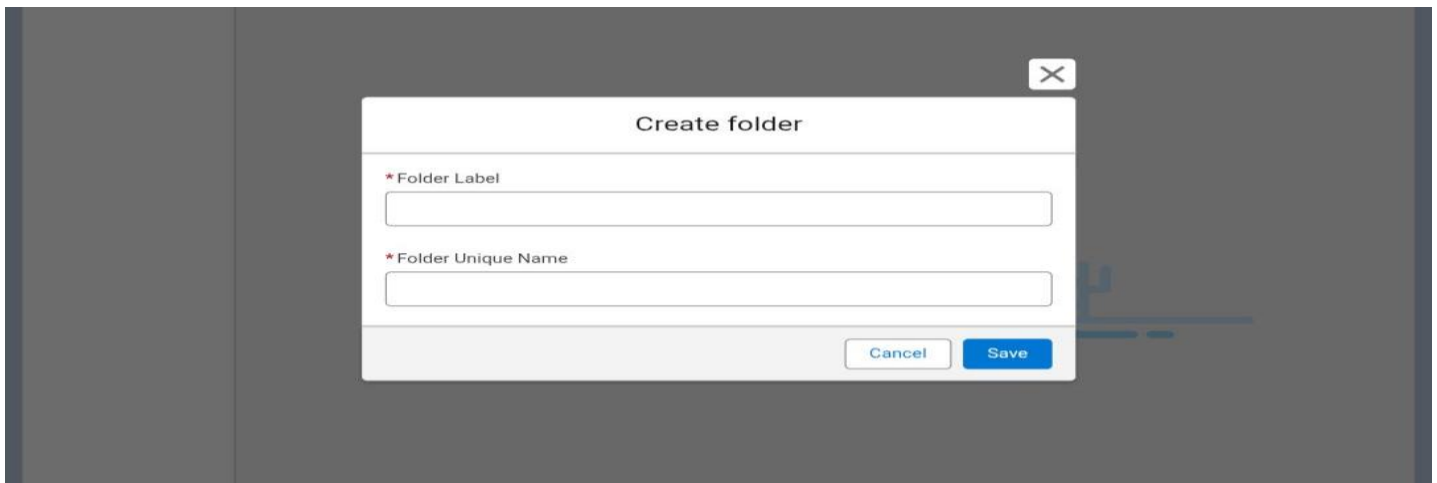
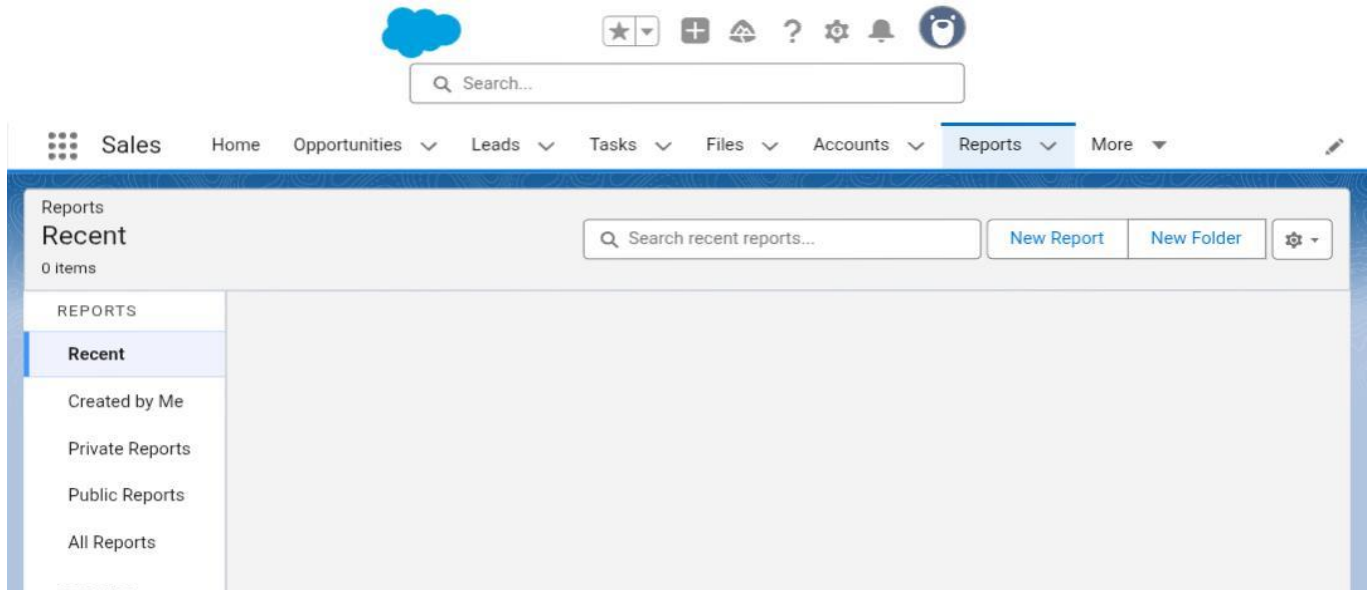
```

```

File Edit Debug Test Workspace Help < >
AmountDistribution.apxt toolbar.apxt
Code Coverage: None API Version: 64 Go To
1 public class AmountDistributionHandler {
2
3
4
5     public static void amountDist(list<Appointment__c> listApp){
6
7         list<Service_records__c> serList = new list <Service_records__c>();
8
9
10
11     for(Appointment__c app : listApp){
12
13         if(app.Maintenance_service__c == true && app.Repairs__c == true && app.Replacement_Parts__c == true){
14             app.Service_Amount__c = 10000;
15         }
16
17         else if(app.Maintenance_service__c == true && app.Repairs__c == true){
18             app.Service_Amount__c = 5000;
19         }
20
21         else if(app.Maintenance_service__c == true && app.Replacement_Parts__c == true){
22             app.Service_Amount__c = 8000;
23         }
24
25         else if(app.Repairs__c == true && app.Replacement_Parts__c == true){
26             app.Service_Amount__c = 7000;
27         }
28
29         else if(app.Maintenance_service__c == true){
30             app.Service_Amount__c = 2000;
31         }
32
33         else if(app.Repairs__c == true){
34             app.Service_Amount__c = 3000;
35         }
36
37     }
38 }
39
40
41
42
43
44
45
46
47

```

create a report folder



Search Setup

Setup

Home

Object Manager

Report type

Feature Settings

Analytics

Reports & Dashboards

Report Types

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

SETUP

Custom Report Types

Custom Report Type

All Custom Report Types

New Custom Report Type

13 items • Sorted by Label • Filtered by All custom report types • Updated a few seconds ago

Label

Name

Description

Category

Cre...

Created Date

Orchestration...	flow_orchestrati...	Find out which o...	Other Repor...	autoproc	8/25/2025, 5:30 ...
Orchestration...	flow_orchestrati...	Find out which o...	Other Repor...	autoproc	8/25/2025, 5:30 ...
Orchestration...	flow_orchestrati...	Find out which o...	Other Repor...	autoproc	8/25/2025, 5:30 ...
Orchestration...	flow_orchestrati...	Find out which o...	Other Repor...	autoproc	8/25/2025, 5:30 ...

Search Setup

Setup

Home

Object Manager

Report type

Feature Settings

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SETUP

Custom Report Types

New Custom Report Type

1 Define the Custom Report Type

Select Primary Object

Select the object that is the focus of reports created with this report type.

* Primary Object

Select an object...

Details

* Display Label

Enter label...

* API Name

Enter API name...

* Description

Enter description...

Note: Description will be visible to users who create reports.

* Store in Category

Select a category...

Set Availability

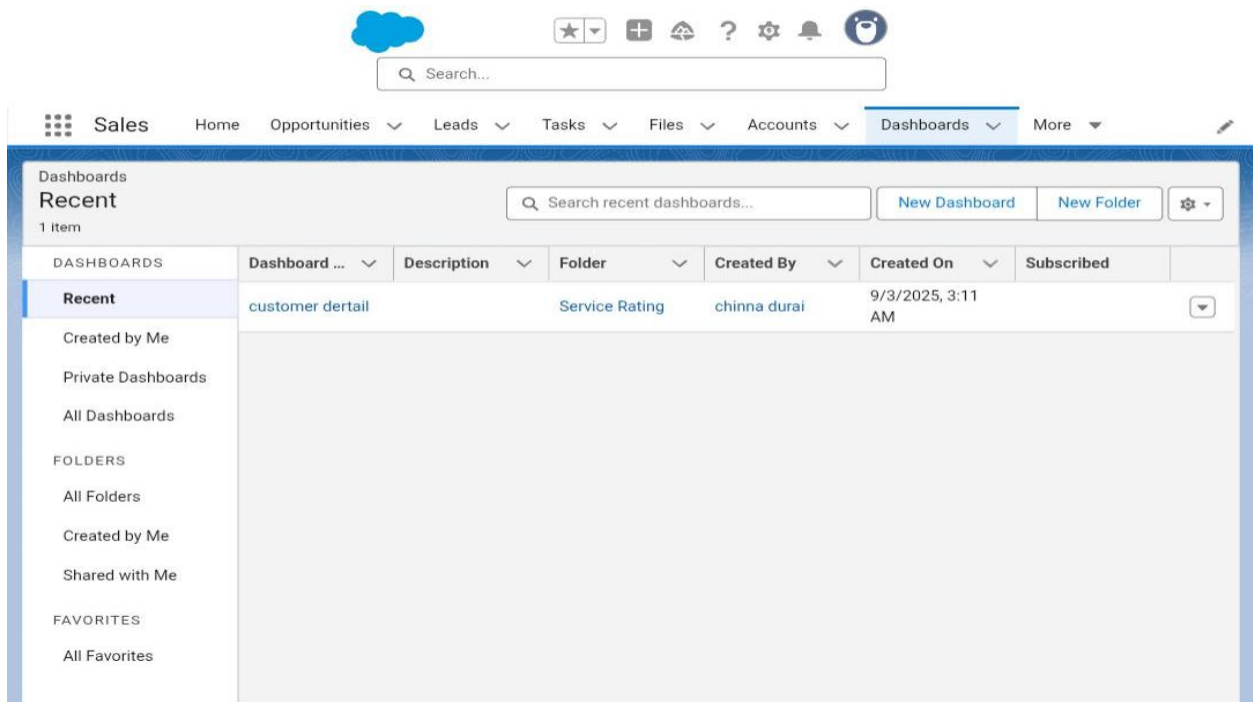
An in-development report type is visible only to users with the Manage Custom Report Types permission. A deployed report type is available to all users.

Status

☒ In Development

☐ Deployed

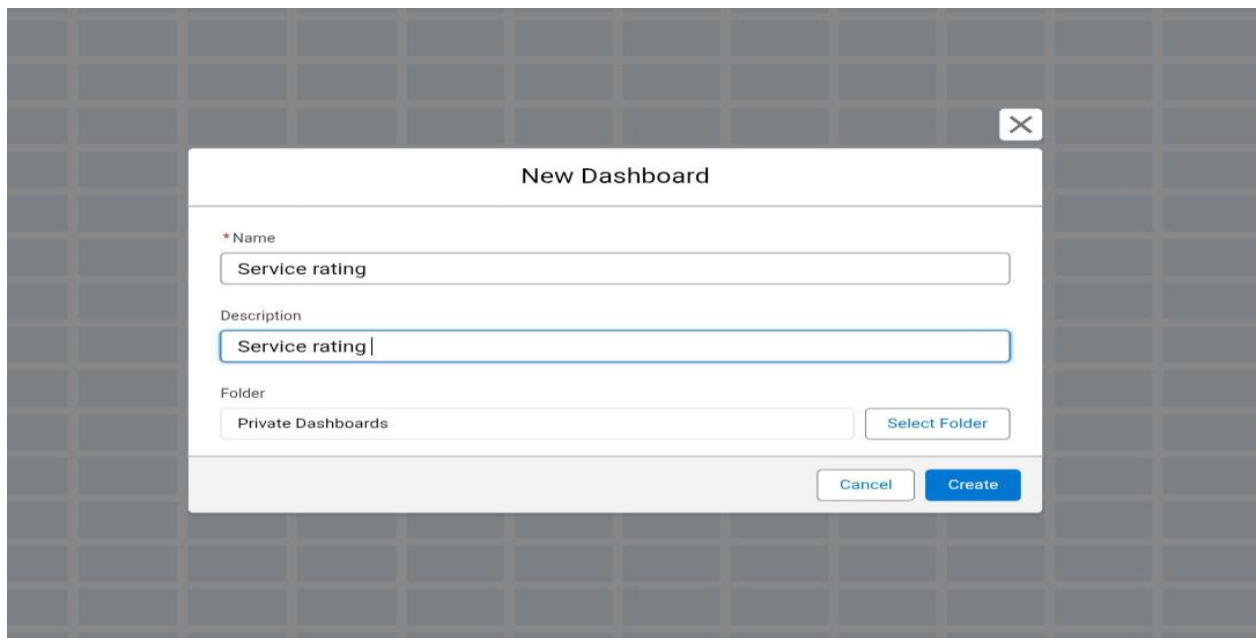
Create Dashboard Folder



The screenshot shows the Salesforce Dashboards interface. At the top, there is a navigation bar with a search bar and various icons. Below the navigation bar, the 'Dashboards' tab is selected. The main content area displays a list of recent dashboards. The 'Recent' dashboard is highlighted, showing its details in a table.

DASHBOARDS	Dashboard ...	Description	Folder	Created By	Created On	Subscribed
Recent	customer detail	Service Rating	chinna durai	9/3/2025, 3:11 AM		

On the left side, there is a sidebar with a list of folders and favorites. The 'Recent' folder is selected, showing a list of recent dashboards. The 'Service Rating' dashboard is highlighted.



The screenshot shows the 'New Dashboard' dialog box in Salesforce. The dialog box has a title bar with a close button. It contains three input fields: 'Name', 'Description', and 'Folder'. The 'Name' field is labeled '* Name' and contains the text 'Service rating'. The 'Description' field is labeled 'Description' and contains the text 'Service rating |'. The 'Folder' field is labeled 'Folder' and contains the text 'Private Dashboards'. There is a 'Select Folder' button next to the 'Folder' field. At the bottom right, there are 'Cancel' and 'Create' buttons.

New Dashboard

* Name
Service rating

Description
Service rating |

Folder
Private Dashboards

Select Folder

Cancel Create