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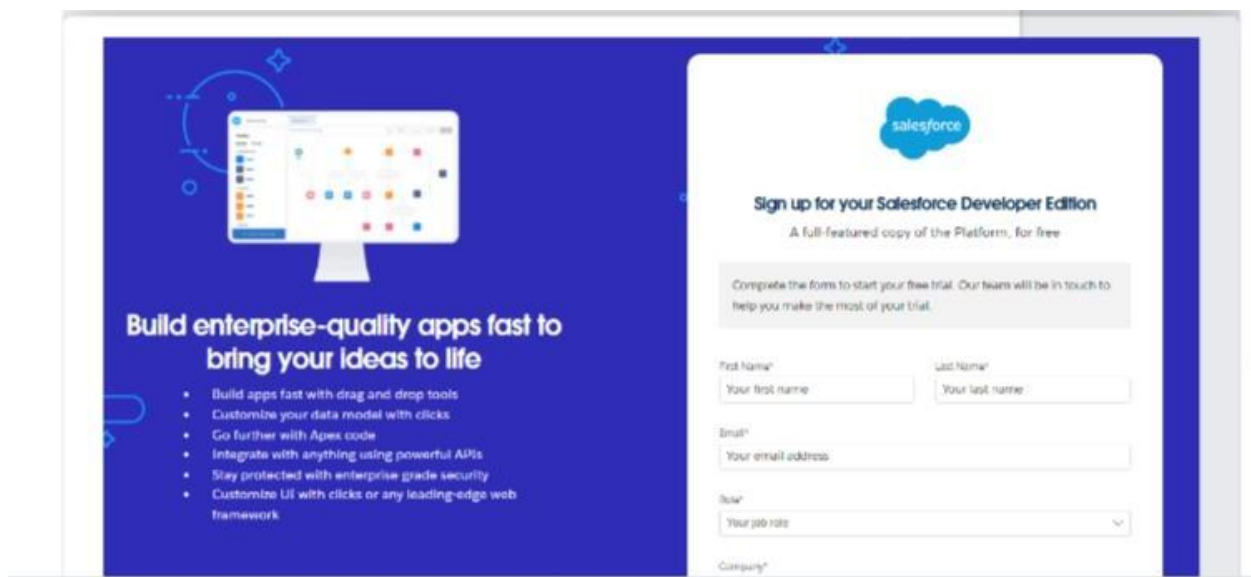
So what does that really mean? Well, before Salesforce, your contacts, emails, follow-up tasks, and prospective deals might have been organized something like this:

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

SETUP > OBJECT MANAGER
Customer Details

Search Setup

Setup | Home | Object Manager ∨

Details	**Details**		Edit	Delete

Details

Description

Fields & Relationships	**API Name**
Page Layouts	Customer_Details__c
Lightning Record Pages	**Custom**
Buttons, Links, and Actions	✓
Compact Layouts	**Singular Label**
Field Sets	Customer Details
Object Limits	**Plural Label**
Record Types	Customer Details
Related Lookup Filters	
Search Layouts	

Enable Reports
✓
Track Activities
✓
Track Field History
✓
Deployment Status
Deployed
Help Settings
Standard salesforce.com Help Window

SETUP > OBJECT MANAGER
Appointment

Search Setup

Setup | Home | Object Manager ∨

Details | Edit | Delete

Description

Fields & Relationships	**API Name**
Page Layouts	Appointment__c
Lightning Record Pages	**Custom**
Buttons, Links, and Actions	✓
Compact Layouts	**Singular Label**
Field Sets	Appointment
Object Limits	**Plural Label**
Record Types	Appointments
Related Lookup Filters	
Search Layouts	

Enable Reports
✓
Track Activities

Track Field History
✓
Deployment Status
Deployed
Help Settings
Standard salesforce.com Help Window

Service record

Details

Edit | Delete

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

Description

API Name	Enable Reports
Service_records__c	✓
Custom	Track Activities
✓	
Singular Label	Track Field History
Service record	✓
Plural Label	Deployment Status
Service records	Deployed
	Help Settings
	Standard salesforce.com Help Window

Billing details and feedback

Details

Edit | Dele

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

Description

API Name	Enable Reports
Billing_details_and_feedback__c	✓
Custom	Track Activities
✓	
Singular Label	Track Field History
Billing details and feedback	✓
Plural Label	Deployment Status
Billing details and feedbacks	Deployed
	Help Settings
	Standard salesforce.com Help Window

- **Configured fields and relationships**

Setup | Home | Object Manager

| Details | Fields & Relationships |
| Fields & Relationships | 8 Items, Sorted by Field Label |

Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

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)		✓	
Payment Status	Payment_Status__c	Picklist			▼
Quality Check Status	Quality_Check_Status__c	Checkbox			▼
service date	service_date__c	Formula (Date)			▼
Service records Name	Name	Auto Number		✓	▼
Service Status	Service_Status__c	Picklist			▼

Left menu: 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

Setup | Home | Object Manager

| Details | Fields |
| Fields & Relationships | 5 Items, Sorted by Field Label |

Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

FIELD LABEL ▲	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED	
Billing details and feedback Name	Name	Auto Number		✓	▼
Created By	CreatedById	Lookup(User)			
Last Modified By	LastModifiedById	Lookup(User)			
Owner	OwnerId	Lookup(User,Group)		✓	
Rating for service	Rating_for_service__c	Text(1) (Unique Case Insensitive)		✓	▼

Left menu: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits

- **Developed Lightning App with relevant tabs**

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

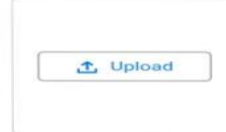***App Name** ⓘ

Garage management

*Developer Name ⓘ

Garage_management

Description ⓘ

Enter a description...

App Branding

Image ⓘ

⬆ Upload
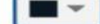
Primary Color Hex Value ⓘ

#0B1722

Org Theme Options

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

App Launcher Preview

| Gm | Garage management |
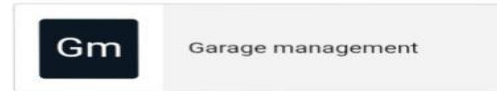
Navigation Items

bose 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, t 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 ▼

🔍 Type to filter list...   ⊗

| 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**

- **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  ▾  ublic 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.Rep
14
15                      app.Service_Amount__c = 10000;
16
17                  }
18
19  ▾              else if(app.Maintenance_service__c == true && app.Repairs__c == true){
20
21                      app.Service_Amount__c = 5000;
22
23                  }
24
25  ▾              else if(app.Maintenance_service__c == true && app.Replacement_Parts__c ==
26
27                      app.Service_Amount__c = 8000;
28
29                  }
30
31  ▾              else if(app.Repairs__c == true && app.Replacement_Parts__c == true){
32
33                      app.Service_Amount__c = 7000;
34
35                  }|
36
37  ▾              else if(app.Maintenance_service__c == true){
38
39                      app.Service_Amount__c = 2000;
40
41                  }
42
43  ▾              else if(app.Repairs__c == true){
44
45                      app.Service_Amount__c = 3000;
46
47                  }
```
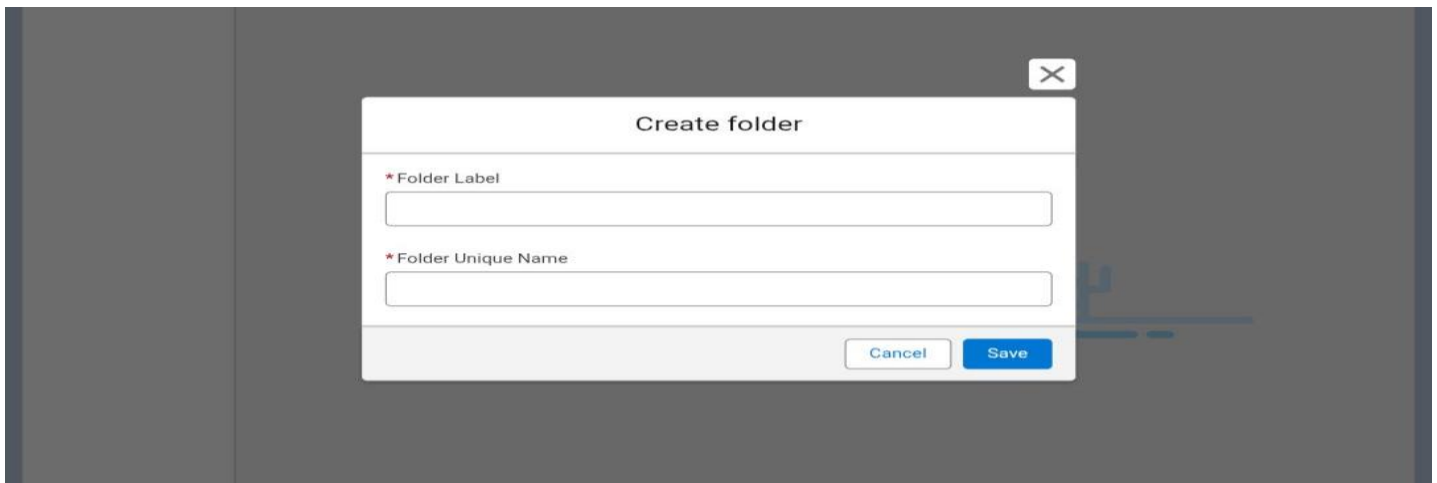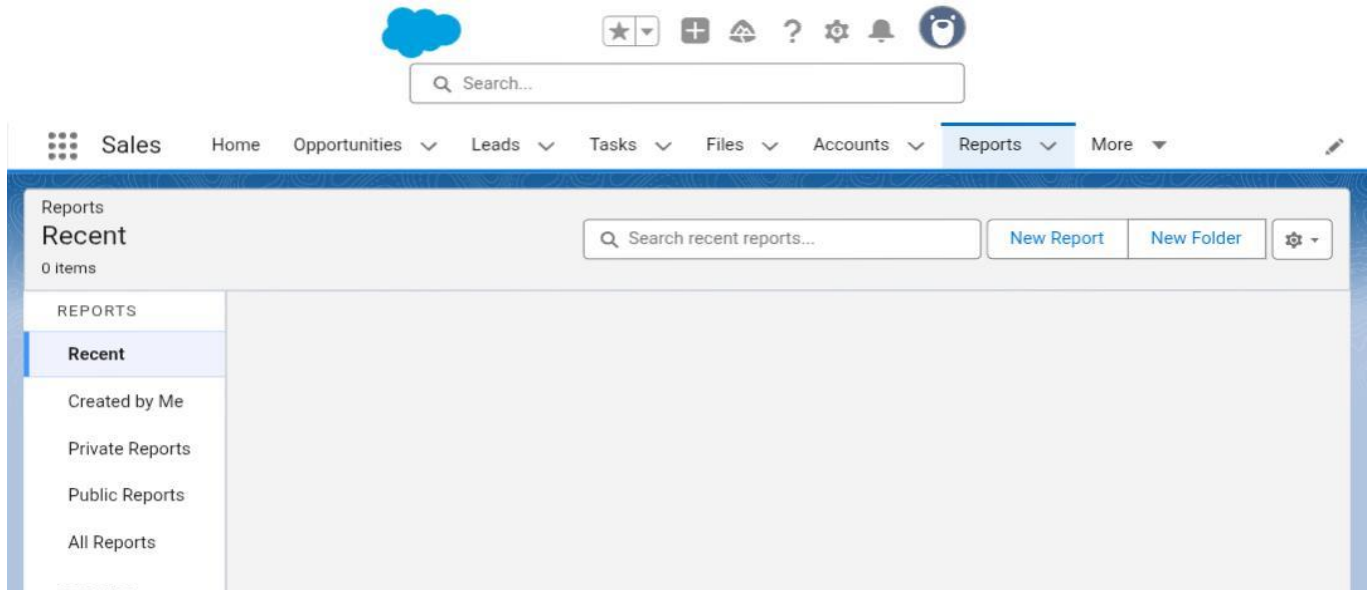
create a report folder

Setup

Q Search Setup

Setup   Home   Object Manager ∨

Q Report typ

∨ 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 ...	▾

Setup

Q Search Setup

Setup   Home   Object Manager ∨

Q Report typ

∨ Feature Settings
  ∨ Analytics
    ∨ Reports & Dashboards
      Report Types

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

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...   🔍
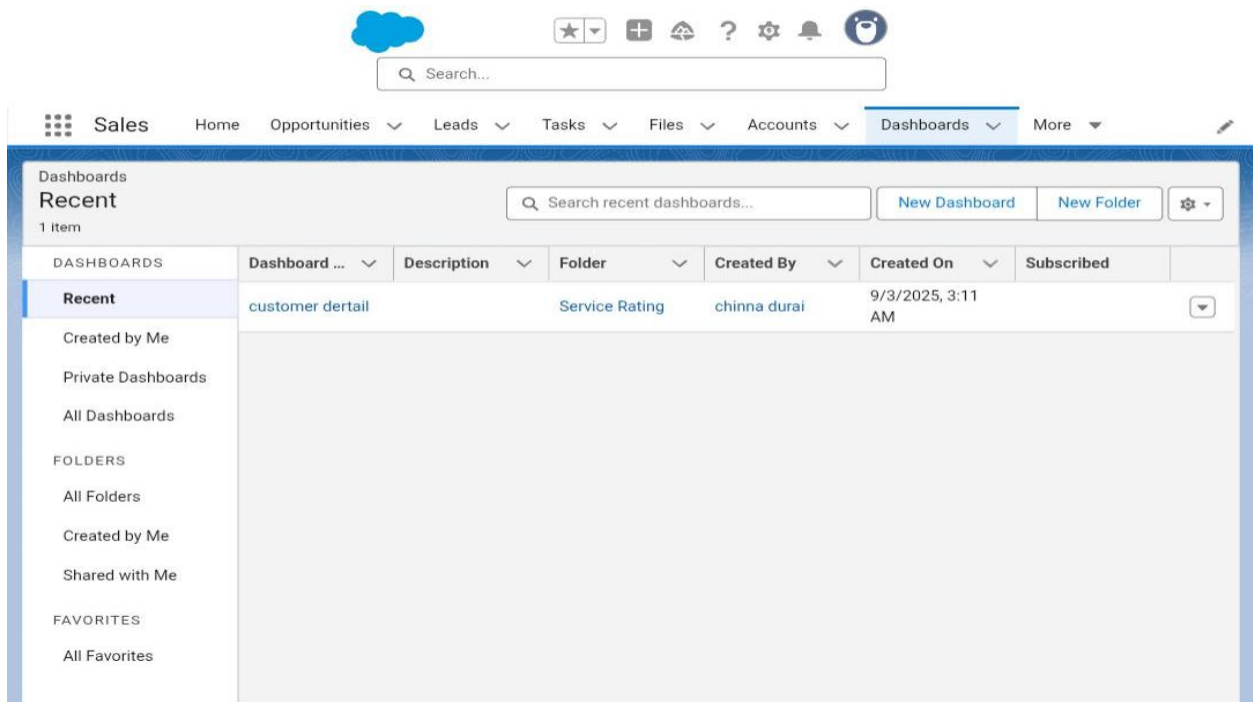
Set Availability

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.
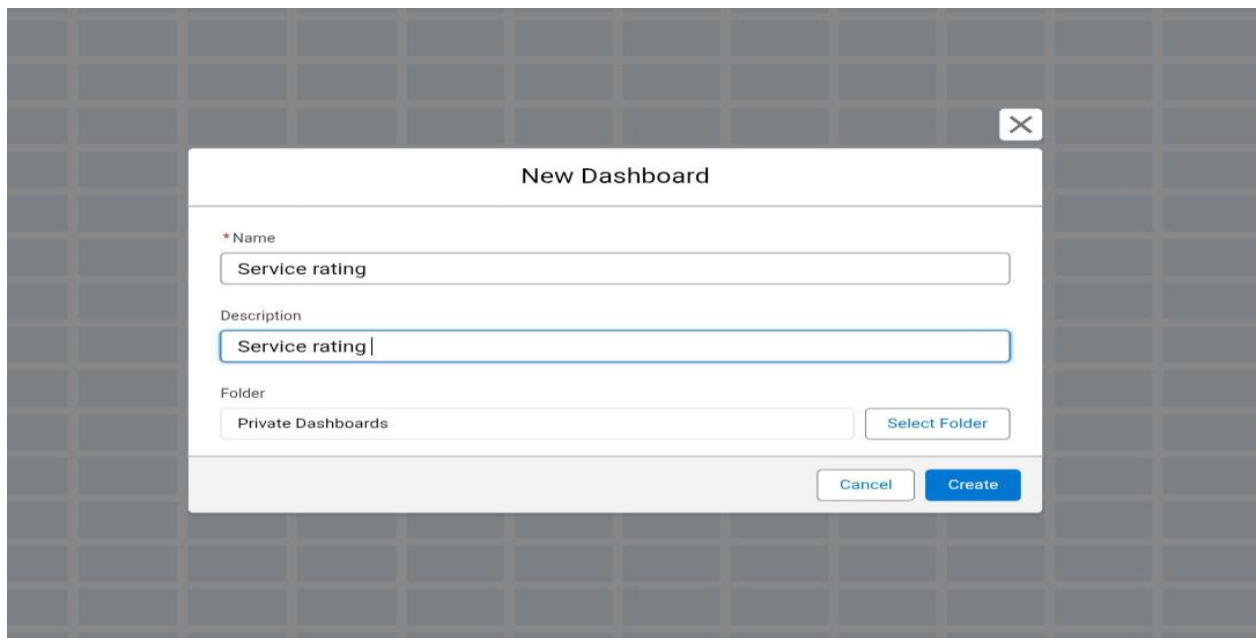
Status
◉ In Development
◯ Deployed

Create Dashboard Folder