

GARAGE MANAGEMENT SYSTEM

College Name: CHIKKANNA GOVERNMENT ARTS COLLEGE

College Code: Bru06

TEAM ID: NM2025TMID26218

TEAM MEMBERS:

- Team Leader: Logendran M
Email: logendranmarimuthu413@gmail.com
- Team Member: Deepsheka S
Email: senthilnathandeepsheka@gmail.com
- Team Member: Kaviyarsu V
Email: kaviyarasu3366@gmail.com
- Team Member: Dhanush A
Email: ghanu464612@gmail.com

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.

1.Creating a developer org in salesforce:

Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud.

Sign up for your Developer Edition.

- ✓ Build apps fast with drag-and-drop tools
- ✓ Go further with Apex code
- ✓ Build AI agents with Agentforce
- ✓ Harmonize your data with Data Cloud
- ✓ Ground Agentforce with structured and unstructured data
- ✓ Integrate with anything using APIs

Sign up for your Developer Edition
A free Salesforce Platform environment with Agentforce and Data Cloud.

First name: logendran Last name: M

Job title: software Work email: logendranmarimuthu4@gmail.com

Company: cgac Country/Region: India

☐ I agree to the Main Services Agreement, Developer Services and Salesforce Program Agreement. I acknowledge, as described in the Developer Documentation: (1) the Developer Edition includes autonomous and other generative AI features, and (2) Salesforce may limit use of those features and the org, and may terminate any org that has been inactive for 45 days.

By registering I confirm that I have read and agree to the Privacy Statement.

Sign Me Up

2.create an object:

orgfarm-1210671e4-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/home

Search Setup

Setup Home Object Manager

Object Manager
52+ Items, Sorted by Last Modified

Quick Find Schema Builder Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Appointment	Appointment__c	Custom Object		9/3/2025	✓
Billing details and feedback	Billing_details_and_feedback__c	Custom Object		9/3/2025	✓
Service records	Service_records__c	Custom Object		9/3/2025	✓
Customer Details	Customer_Details__c	Custom Object		9/3/2025	✓
Work Type Group Member	WorkTypeGroupMember	Standard Object			
Work Type Group	WorkTypeGroup	Standard Object			
Work Type	WorkType	Standard Object			
Work Sten Template	WorkStenTemplate	Standard Object			

3.create a Tab:(Customer Details)

The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with "tabs" entered and a list of options under "User Interface", with "Tabs" selected. The main content area is titled "Custom Tabs" and includes a description: "You can create new custom tabs to extend Salesforce functionality or to build new application functionality. Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app." Below this, there are two sections: "Custom Object Tabs" and "Web Tabs". The "Custom Object Tabs" section contains a table with the following data:

Action	Label	Tab Style	Description
Edit Del	Appointments	Books	
Edit Del	Billing details and feedback	Credit card	
Edit Del	Customer Details	People	
Edit Del	Service records	Alarm clock	

The "Web Tabs" section is currently empty. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

4.Create a Lightning App:

The screenshot shows the Salesforce Lightning App interface for the "Customer Details" app. The top navigation bar includes "Garage Manageme...", "Customer Details", "Appointments", "Service records", "Billing details and feedback", "Reports", and "Dashboards". The main content area is titled "Customer Details" and includes a "Recently Viewed" section with a search bar and a list of items. The list shows one item: "Customer Name" with a value of "karan". The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

5.create fields in an object:

The screenshot shows the Salesforce Lightning Setup interface for the 'Appointment' object. The left sidebar contains a navigation menu with options like 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, and Triggers. The 'Fields & Relationships' section is active, displaying a table of 11 fields. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Appointment Date (Date), Appointment Name (Auto Number), Created By (Lookup(User)), Customer Details (Lookup(Customer Details)), Customer Name (Lookup(Contact)), Last Modified By (Lookup(User)), Maintenance service (Checkbox), Owner (Lookup(User,Group)), Repairs (Checkbox), Service Amount (Currency(18, 0)), and Vehicle number plate (Text(10) (Unique Case Insensitive)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Appointment Date	Appointment_Date__c	Date		
Appointment Name	Name	Auto Number		✓
Created By	CreatedById	Lookup(User)		
Customer Details	Customer_Details__c	Lookup(Customer Details)		✓
Customer Name	Customer_Name__c	Lookup(Contact)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Maintenance service	Maintenance_service__c	Checkbox		
Owner	OwnerId	Lookup(User,Group)		✓
Repairs	Repairs__c	Checkbox		
Service Amount	Service_Amount__c	Currency(18, 0)		
Vehicle number plate	Vehicle_number_plate__c	Text(10) (Unique Case Insensitive)		✓

The screenshot shows the Salesforce Lightning Setup interface for the 'Billing details and feedback' object. The left sidebar contains a navigation menu with options like 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, and Triggers. The 'Fields & Relationships' section is active, displaying a table of 8 fields. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Billing details and feedback Name (Auto Number), Created By (Lookup(User)), Last Modified By (Lookup(User)), Owner (Lookup(User,Group)), Payment Paid (Currency(10, 0)), Payment Status (Picklist), Rating for service (Text(1)), and Service records (Lookup(Service records)).

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)		✓
Payment Paid	Payment_Paid__c	Currency(10, 0)		
Payment Status	Payment_Status__c	Picklist		
Rating for service	Rating_for_service__c	Text(1)		
Service records	Service_records__c	Lookup(Service records)		✓

Platform x Studio x Develo x Recent x Service x Recen x Develo x Search x Docum x Garage x +

orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgL000001xsrp/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Service records

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

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
Appointment	Appointment_c	Lookup(Appointment)		✓
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Quality Check Status	Quality_Check_Status_c	Checkbox		
Replacement Parts	Replacement_Parts_c	Checkbox		
service date	service_date_c	Formula (Date)		
Service records Name	Name	Auto Number		✓
Service Status	Service_Status_c	Picklist		

Type here to search

ENG IN 9:05 PM 9/5/2025

Platform x Studio x Develo x Recent x Custom x Recen x Develo x Search x Docum x Garage x +

orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgL000001xs0b/FieldsAndRelationships/view

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

6 Items, Sorted by Field Label

Quick Find

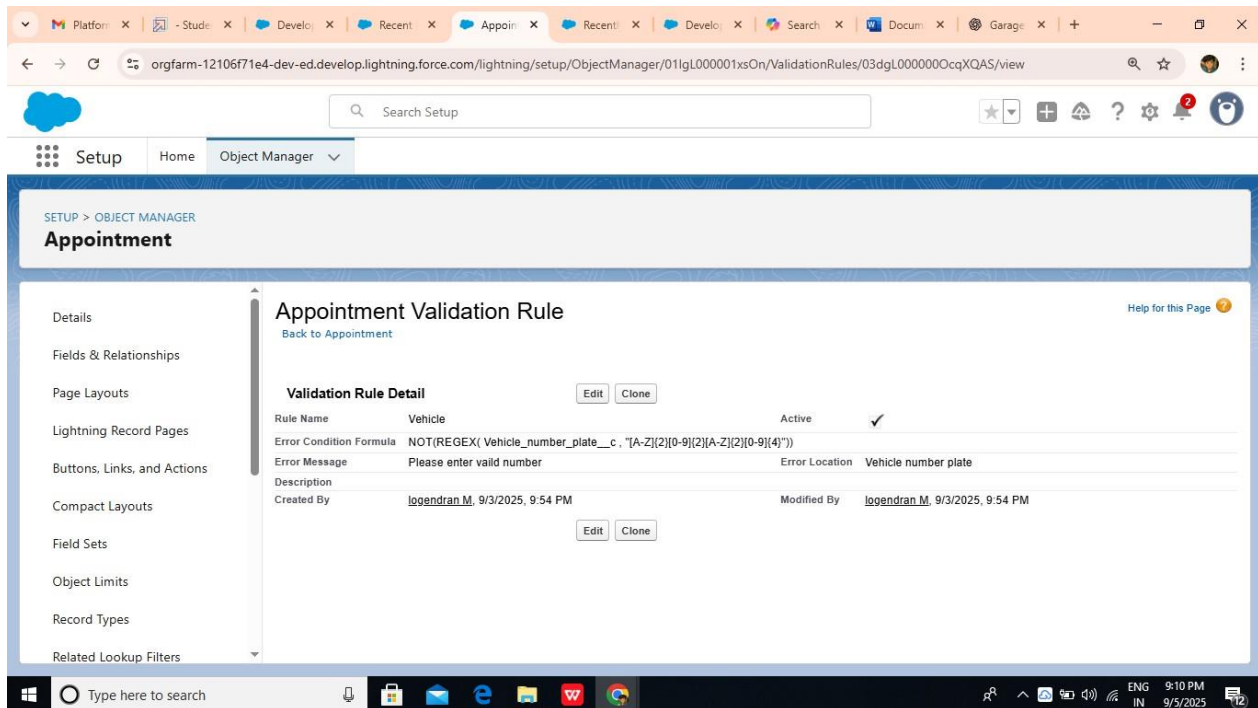
New Deleted Fields Field Dependencies Set History Tracking

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

Type here to search

ENG IN 9:06 PM 9/5/2025

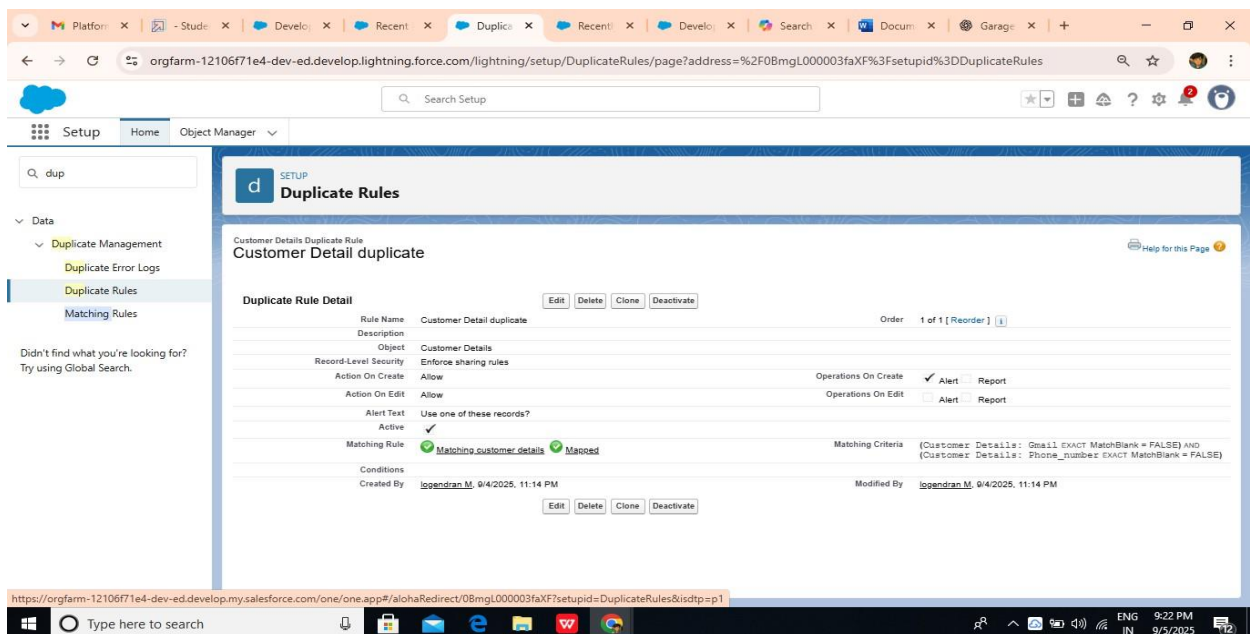
6.Create Validation rule:



The screenshot shows the Salesforce Setup interface for creating a Validation Rule. The browser address bar displays the URL: `orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgL000001xsOn/ValidationRules/03dgl000000OcqXQAS/view`. The left sidebar contains navigation links: Setup, Home, and Object Manager. The main content area is titled "Appointment Validation Rule" and includes a "Back to Appointment" link. The "Validation Rule Detail" section shows the following information:

Validation Rule Detail		Edit	Clone
Rule Name	Vehicle	Active	<input checked="" type="checkbox"/>
Error Condition Formula	NOT(REGEX(Vehicle_number_plate__c , "[A-Z]{2}[0-9]{2}[A-Z]{2}[0-9]{4}"))		
Error Message	Please enter valid number	Error Location	Vehicle number plate
Description			
Created By	logendran M. 9/3/2025, 9:54 PM	Modified By	logendran M. 9/3/2025, 9:54 PM

Below the details, there are "Edit" and "Clone" buttons.



The screenshot shows the Salesforce Setup interface for Duplicate Rules. The browser address bar displays the URL: `orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/setup/DuplicateRules/page?address=%2F0BmgL000003faXF%3Fsetupid%3DDuplicateRules`. The left sidebar contains navigation links: Setup, Home, and Object Manager. The main content area is titled "Duplicate Rules" and includes a "Help for this Page" link. The "Duplicate Rule Detail" section shows the following information:

Duplicate Rule Detail		Edit	Delete	Clone	Deactivate
Rule Name	Customer Detail duplicate	Order 1 of 1 [Reorder]			
Description	Customer Details				
Object	Enforce sharing rules				
Record-Level Security	Allow				
Action On Create	Allow	Operations On Create	<input checked="" type="checkbox"/> Alert	Report	
Action On Edit	Allow	Operations On Edit	<input type="checkbox"/> Alert	Report	
Alert Text	Use one of these records?				
Active	<input checked="" type="checkbox"/>				
Matching Rule	<input checked="" type="checkbox"/> Matching customer details <input checked="" type="checkbox"/> Matched	Matching Criteria (Customer Details: Email EXACT MatchBlank = FALSE) AND (Customer Details: Phone_number EXACT MatchBlank = FALSE)			
Conditions					
Created By	logendran M. 9/4/2025, 11:14 PM	Modified By logendran M. 9/4/2025, 11:14 PM			

Below the details, there are "Edit", "Delete", "Clone", and "Deactivate" buttons.

7. Duplicate rule to an Customer details Object:

The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with "dup" and a list of navigation items: Data, Duplicate Management, Duplicate Error Logs, Duplicate Rules, and Matching Rules. The main content area is titled "Matching Rules" and shows a specific rule named "Matching customer details" for the "Customer Details" object. The rule is active and was created by logendran.M. on 9/4/2025 at 11:11 PM. The matching criteria are: (Customer Details: Gmail EXACT MatchBlank = FALSE) AND (Customer Details: Phone_number EXACT MatchBlank = FALSE). The status is "Active".

Matching Rule Detail

Object	Customer Details
Rule Name	Matching customer details
Unique Name	Matching_customer_details
Description	
Matching Criteria	(Customer Details: Gmail EXACT MatchBlank = FALSE) AND (Customer Details: Phone_number EXACT MatchBlank = FALSE)
Status	Active
Created By	logendran.M. 9/4/2025, 11:11 PM
Modified By	logendran.M. 9/4/2025, 11:11 PM

8.Profiles:

The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with "pro" and a list of navigation items: Hyperforce Assistant, Users, Profiles, Data, Mass Transfer Approval Requests, Feature Settings, Approval Settings, Data.com, Prospector Preferences, and Prospector Users. The main content area is titled "Profiles" and shows a specific profile named "Manager". The profile is a custom profile and was created by logendran.M. on 9/4/2025 at 11:26 PM. The profile detail section shows various permissions and settings.

Profile Manager

Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.

If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.

Profile Detail

Name	Manager
User License	Salesforce
Description	
Created By	logendran.M. 9/4/2025, 11:26 PM
Modified By	logendran.M. 9/4/2025, 11:32 PM

Home | Salesforce x Profiles | Salesforce x Platform Login Credentials - Pr x - Student x +

orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00egL000004QNI1%3Fsetupid%3DEnhancedProfiles%26...

Google Chrome isn't your default browser Set as default

Search Setup

Setup Home Object Manager

pro

Hyperforce Assistant

Users

Profiles

Data

Mass Transfer Approval Requests

Feature Settings

Approval Settings

Data.com

Prospector Preferences

Prospector Users

Functions

Profiles

Profile sales person

Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.

If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.

Login IP Ranges | Enabled Apex Class Access | Enabled Visualforce Page Access | Enabled External Data Source Access | Enabled Named Credential Access | Enabled External Credential Principal Access | Enabled Custom Metadata Type Access | Enabled Custom Setting Definitions Access | Enabled Flow Access | Enabled Service Presence Status Access | Enabled Custom Permissions

Profile Detail

Edit Clone Delete View Users

Name	sales person		
User License	Salesforce Platform	Custom Profile	✓
Description			
Created By	logendran M.	9/4/2025, 11:35 PM	Modified By logendran M. 9/4/2025, 11:37 PM

Pane 1 favorite

Type here to search

ENG IN 11:35 AM 9/5/2025

9.Roles:

Home | Salesforce x Roles | Salesforce x Platform Login Credentials - Pr x - Student x +

orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/setup/Roles/page?address=%2F00EgL0000045gqj%3Fsetupid%3DRoles

Google Chrome isn't your default browser Set as default

Search Setup

Setup Home Object Manager

role

Users

Roles

Feature Settings

Sales

Contact Roles on Contracts

Contact Roles on Opportunities

Service

Case Teams

Case Team Roles

Contact Roles on Cases

Roles

Role Manager

Below is the list of users assigned to this role. Click Edit to modify the role name. Click Assign Users to Role to assign existing users to this role. Click New User to create a user for this role.

Hierarchy: cgc » CEO » Manager

Siblings: SVP_Sales & Marketing, SVP_Customer Service & Support, CFO, SVP_Human Resources, COO

Users in Manager Role (0)

Role Detail

Edit Delete

Label	Manager	Role Name	Manager
This role reports to	CEO	Role Name as displayed on reports	
Modified By	logendran M.	9/4/2025, 11:40 PM	Sharing Groups Role, Role and Internal Subordinates
Opportunity Access	Users in this role can edit all opportunities associated with accounts that they own, regardless of who owns the opportunities		
Case Access	Users in this role can edit all cases associated with accounts that they own, regardless of who owns the cases		

Type here to search

ENG IN 11:39 AM 9/5/2025

10.User:

Home | Salesforce

Users | Salesforce

Platform Login Credentials - Pri

Student

orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/home

Google Chrome isn't your default browser

Set as default

Search Setup

Setup

Home

Object Manager

user

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

SETUP

Users

VIEW: All Users

Full | Select View View

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other All

New User

Reset Password(s)

Add Multiple Users

Action	Full Name	Alias	Username	Role	Active	Profile
<input type="checkbox"/> Edit	Chatter Expert	Chatter	chatty.00d9l00000ae3lauat.0i0n8p0mo9bv@chatter.salesforce.com		✓	Chatter Free User
<input type="checkbox"/> Edit	dass_melone	mdass	melone34@gmail.com	sales person	✓	sales person
<input type="checkbox"/> Edit	EPIC_OrgFarm	OEPIC	epic.319c6f662d6f@orgfarm.salesforce.com		✓	System Administrator
<input type="checkbox"/> Edit	lk_kondaappan	lkik	kondaa67@gmail.com	sales person	✓	sales person
<input type="checkbox"/> Edit	M_logendran	log	logendranmarimuthu413361@agentforce.com		✓	System Administrator
<input type="checkbox"/> Edit	Mikaelson, Niklaus	mika	mikaelson@agentforce.com	Manager	✓	Manager
<input type="checkbox"/> Edit	User_Integration	integ	integration@00d9l00000ae3lauat.com		✓	Analytics Cloud Integration User
<input type="checkbox"/> Edit	User_Security	sec	insightssecurity@00d9l00000ae3lauat.com		✓	Analytics Cloud Security User

New User

Reset Password(s)

Add Multiple Users

Type here to search

ENG IN 12:09 PM 9/5/2025

Home | Salesforce

Public Groups | Salesforce

Platform Login Credentials - Pri

Student

orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/setup/PublicGroups/page?address=%2Fp%2Fown%2F0rgPublicGroupsPage%2Fd%3FretURL%3D%2...

Google Chrome isn't your default browser

Set as default

Search Setup

Setup

Home

Object Manager

public groups

Users

Public Groups

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

SETUP

Public Groups

Help for this Page

Public Groups

A public group is a set of users. It can contain individual users, other groups, the users in a particular role or territory, or the users in a role or territory plus all of the users below that role or territory in the hierarchy.

View: All

Edit

Create New View

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other All

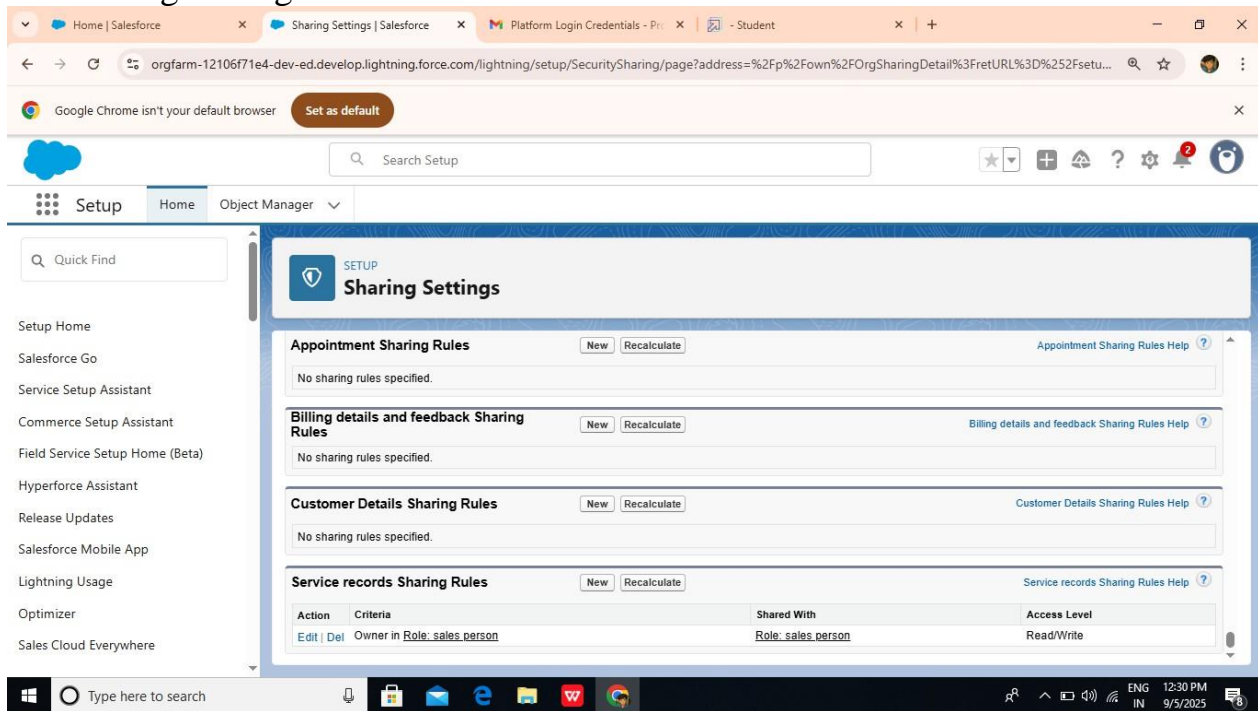
New

Action	Label	Group Name	Created By	Created Date
Edit Del	sales team	sales_team	M_logendran	9/5/2025, 12:18 AM

Type here to search

ENG IN 12:16 PM 9/5/2025

11.Sharing Setting:

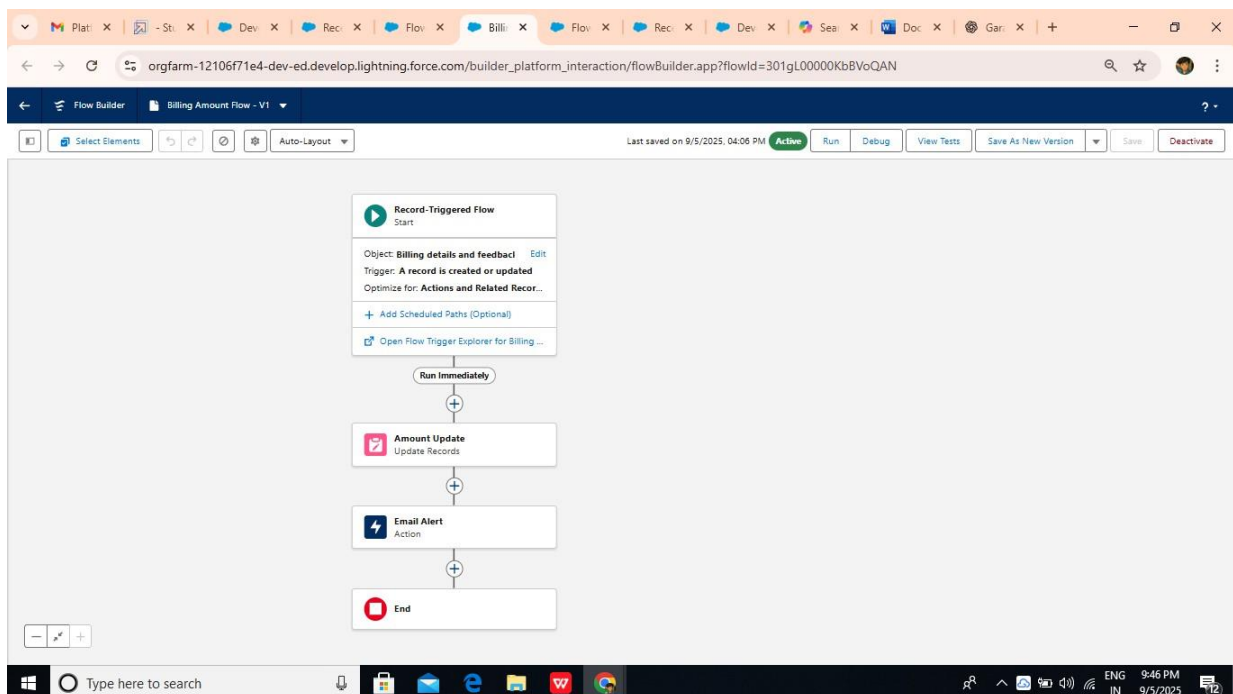


The screenshot shows the Salesforce Setup interface for Sharing Settings. The left sidebar contains navigation links: Setup Home, Salesforce Go, Service Setup Assistant, Commerce Setup Assistant, Field Service Setup Home (Beta), Hyperforce Assistant, Release Updates, Salesforce Mobile App, Lightning Usage, Optimizer, and Sales Cloud Everywhere. The main content area is titled "Sharing Settings" and lists four categories of sharing rules, each with "New" and "Recalculate" buttons and a help link:

- Appointment Sharing Rules:** No sharing rules specified.
- Billing details and feedback Sharing Rules:** No sharing rules specified.
- Customer Details Sharing Rules:** No sharing rules specified.
- Service records Sharing Rules:** A table showing one rule.

Action	Criteria	Shared With	Access Level
Edit Del	Owner in Role: sales_person	Role: sales_person	Read/Write

12.Flows:



The screenshot displays the Salesforce Flow Builder interface. The top navigation bar includes tabs for Platform, Studio, Developer, Recent, Flows, Up, Billing, Flow Builder, Recent, Developer, Search, Docum, Garage, and a plus sign. The address bar shows the URL: `orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/builder_platform_interaction/flowBuilder.app?flowId=301gl00000KbSD7QAN`. The main workspace shows a flow diagram with the following steps:

- Record-Triggered Flow** (Start): Object: Service records, Trigger: A record is updated, Optimize for: Actions and Related Records. It includes options to "Add Scheduled Paths (Optional)" and "Open Flow Trigger Explorer for Service...".
- Run Immediately** (Intermediate step).
- Update Records 1** (Update Records): A step to update records.
- End** (Final step).

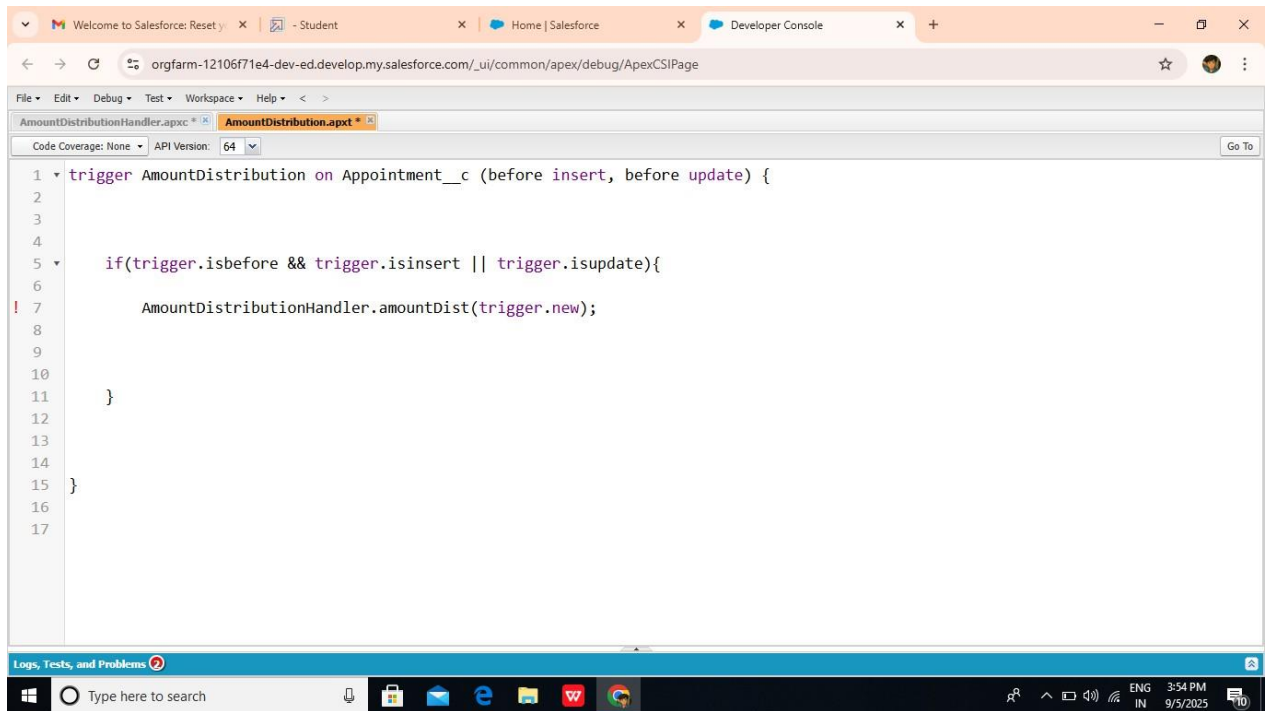
The bottom status bar shows the Windows taskbar with the search bar and various application icons. The system clock indicates 9:49 PM on 9/5/2025.

13.Apex Trigger:

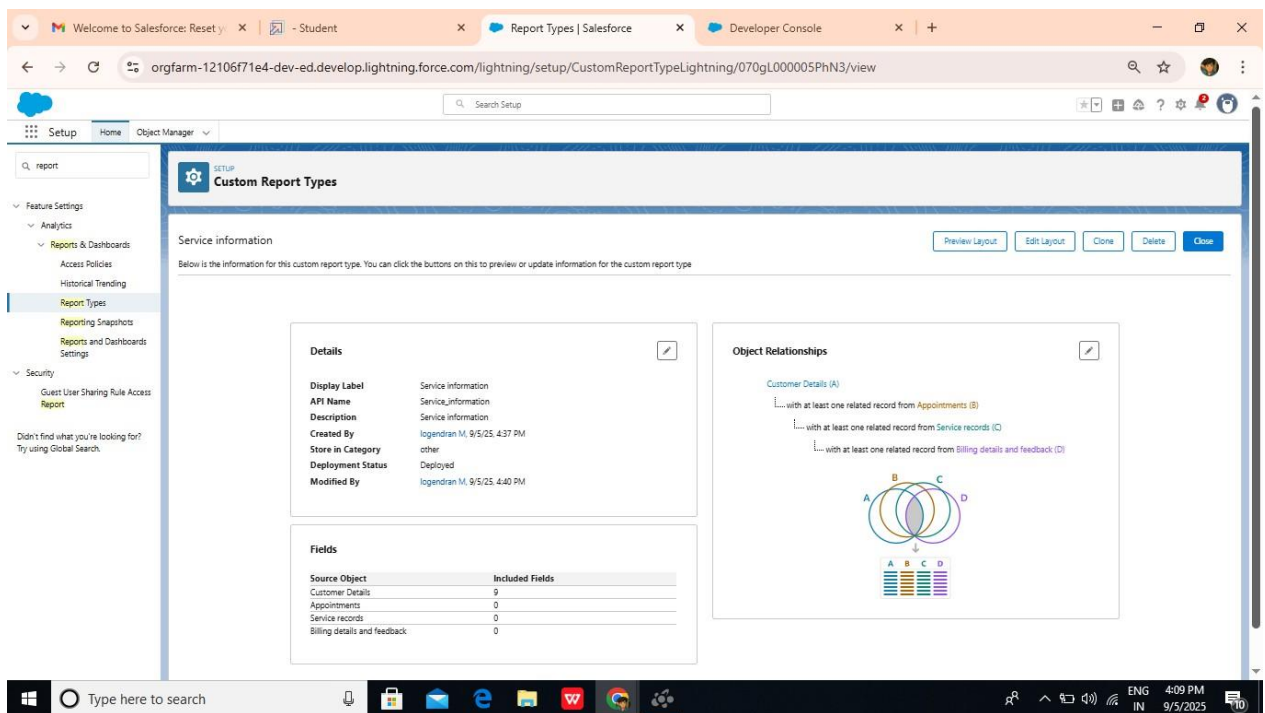
The screenshot shows the Salesforce Developer Console with the Apex code for the `AmountDistributionHandler` class. The code is as follows:

```
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
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 }
```

The bottom status bar shows the Windows taskbar with the search bar and various application icons. The system clock indicates 3:53 PM on 9/5/2025.



14.Reports:



15.Dashboards:

The screenshot shows a Salesforce dashboard titled "Customer review" with the subtitle "As of Sep 5, 2025, 4:45 AM Viewing as logendran M". The dashboard includes a "New Service Information Report" widget. The report table has two columns: "Owner: Full Name" and "Customer Name". The data row shows "logendran M" as the owner and "karan" as the customer name. The dashboard also features a "View Report (New Service information R..." link and a timestamp "As of Sep 5, 2025, 4:45 AM". The top navigation bar includes links for "Garage Manage...", "Customer Details", "Appointments", "Service records", "Billing details and feedback", "Reports", and "Dashboards". The bottom taskbar shows the Windows search bar and various application icons.

Owner: Full Name	Customer Name
logendran M	karan

16.User adoption:

The screenshot displays the "Dashboards All Folders" page in Salesforce. The page shows a list of 3 items under the "DASHBOARDS" section. The table lists the following items:

Name	Created By	Created On	Last Modified By	Last Modified Date
Enablement Dashboard Spring '24	Automated Process	8/27/2025, 4:10 PM	Automated Process	8/27/2025, 4:10 PM
Enablement Dashboard Summer '24	Automated Process	8/27/2025, 4:10 PM	Automated Process	8/27/2025, 4:10 PM
Service Rating dashboard	logendran M	9/5/2025, 4:24 AM	logendran M	9/5/2025, 4:24 AM

The left sidebar includes sections for "DASHBOARDS", "FOLDERS", and "FAVORITES". The "FOLDERS" section is expanded, showing "All Folders" as the selected option. The top navigation bar includes links for "Garage Manage...", "Customer Details", "Appointments", "Service records", "Billing details and feedback", "Reports", and "Dashboards". The bottom taskbar shows the Windows search bar and various application icons.

Recent | Reports | Salesforce

orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mru

Search...

Garage Manageme... Customer Details Appointments Service records Billing details and feedback Reports Dashboards

Reports

Recent

1 item

Search recent reports...

New Report New Folder

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New Service information Report		Private Reports	logendran M	9/5/2025, 4:22 AM	

Created by Me

Private Reports

Public Reports

All Reports

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

Type here to search

ENG IN 4:21 PM 9/5/2025

New Service information Report | Developer Console

orgfarm-12106f71e4-dev-ed.develop.lightning.force.com/lightning/r/Report/00OgL000004ooCDUAY/view?queryScope=userFolders

Search...

Garage Manageme... Customer Details Appointments Service records Billing details and feedback Reports Dashboards

Report: Service information

New Service information Report

Enable Field Editing

Add Chart

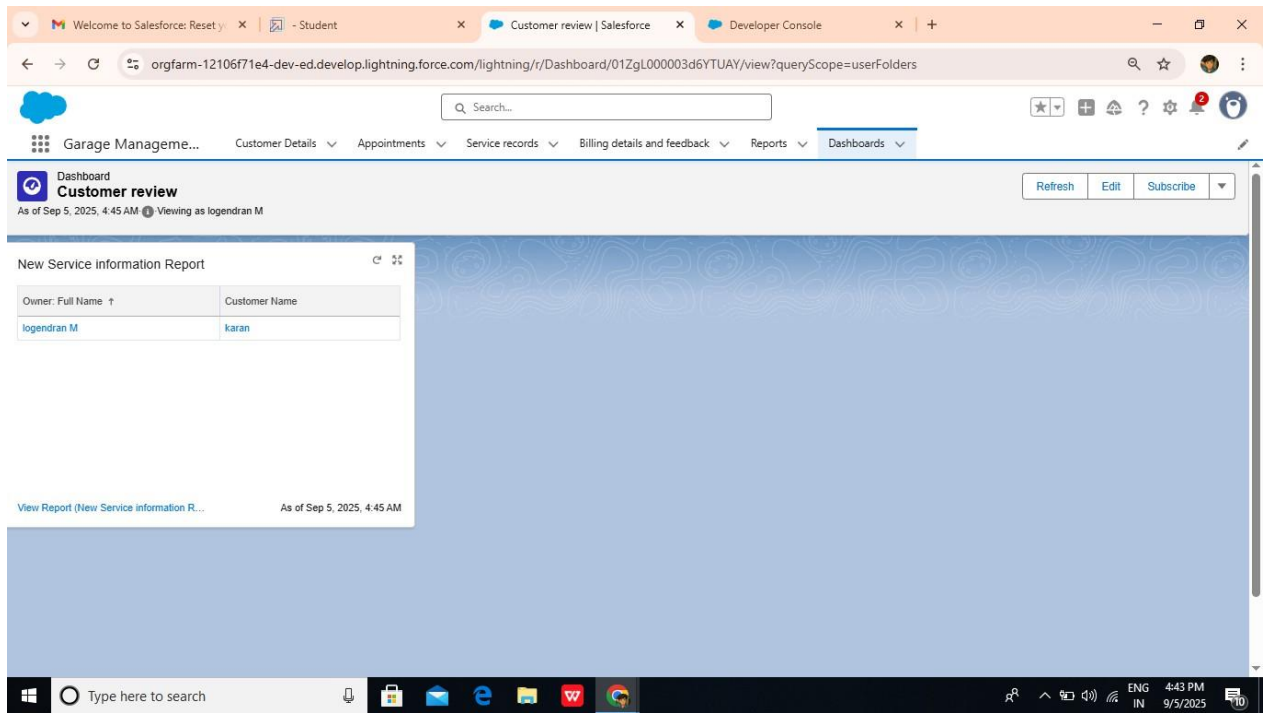
Edit

Total Records: 1

	Owner: Full Name	Customer Name
1	logendran M	karan

Type here to search

ENG IN 4:44 PM 9/5/2025



APPENDIX:

Amount distribution handler:

```
public class AmountDistributionHandler {

    public static void amountDist(list<Appointment__c> listApp){
        list<Service_records__c> serList = new list <Service_records__c>();

        for(Appointment__c app : listApp){
            if(app.Maintenance_service__c == true && app.Repairs__c == true &&
app.Replacement_Parts__c == true){
                app.Service_Amount__c = 10000;
            }
            else if(app.Maintenance_service__c == true && app.Repairs__c == true){
                app.Service_Amount__c = 5000;
            }
            else if(app.Maintenance_service__c == true && app.Replacement_Parts__c == true){
                app.Service_Amount__c = 8000;
            }
        }
    }
}
```

```

else if(app.Repairs_c == true && app.Replacement_Parts_c == true){
    app.Service_Amount_c = 7000;
}
else if(app.Maintenance_service_c == true){
    app.Service_Amount_c = 2000;
}
else if(app.Repairs_c == true){
    app.Service_Amount_c = 3000;
}
else if(app.Replacement_Parts_c == true){
    app.Service_Amount_c = 5000;
}

}
}
}

```

Trigger Handler :

```

trigger AmountDistribution on Appointment__c (before insert, before update) {

    if(trigger.isbefore && trigger.isinsert || trigger.isupdate){
        AmountDistributionHandler.amountDist(trigger.new);
    }

}

```

CONCLUSION:

The **Garage Management System (GMS)**, built on the **Salesforce platform**, is a powerful and scalable solution designed to streamline the operations of automotive service centers. By leveraging **Salesforce's robust CRM capabilities**, the system not only optimizes internal workflows such as **service booking, work order management, inventory tracking, and billing**, but also enhances the **customer experience** through real-time engagement via portals, notifications, and self-service options.

