

# Garage Management system

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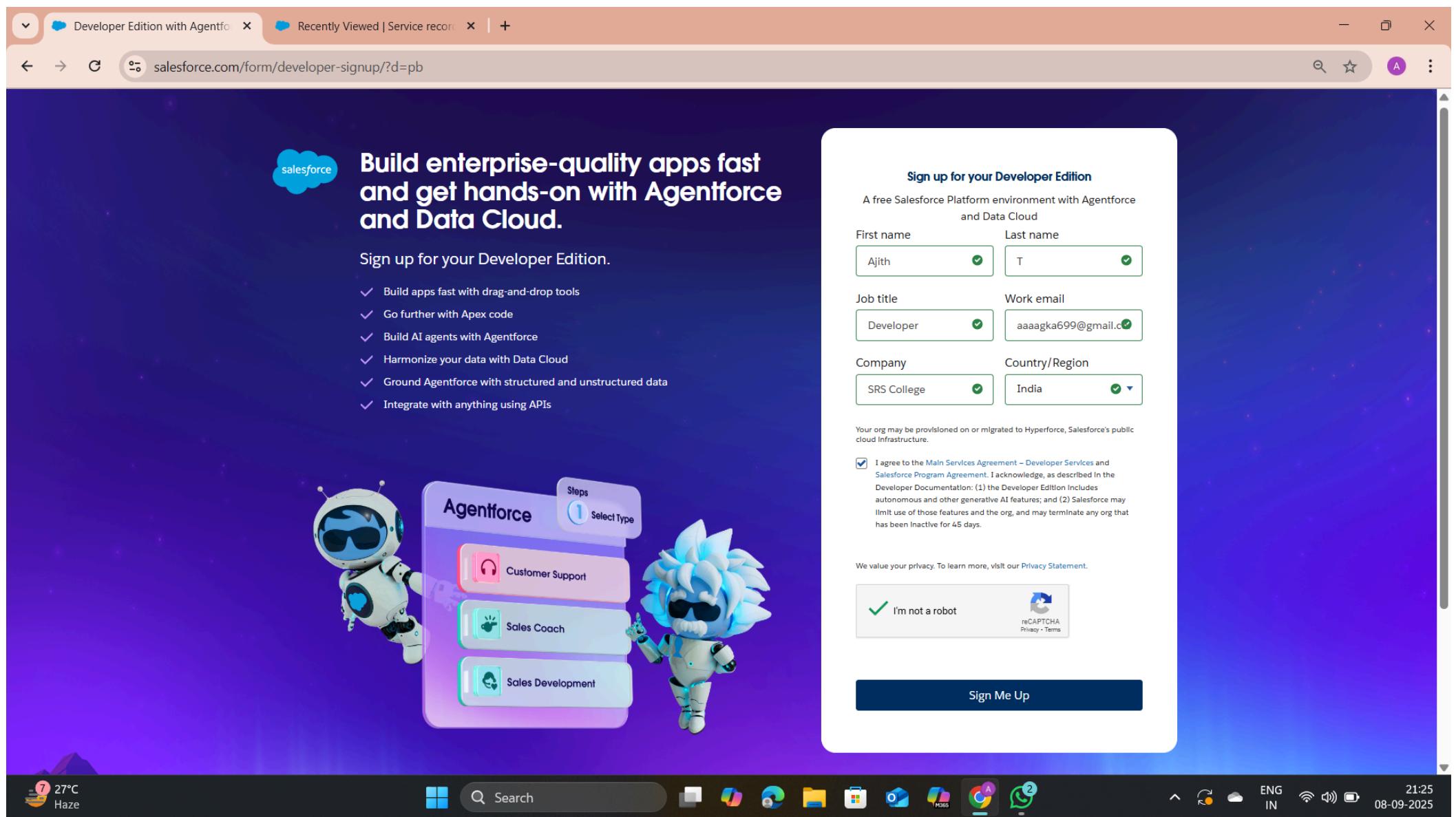
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## INTRODUCTION :

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.

- **Developer Edition with Agentforce**
- Creating a developer org in salesforce.

1. Go to (<https://developer.salesforce.com/signup>) To sign up it



- **Creating Objects** : Customer details , Appointments , Service records , Billing details and feedback

Customer Details | Salesforce - Student orgfarm-9858050726-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000001yIpt/Details/view

Setup Home Object Manager

SETUP > OBJECT MANAGER Customer Details

**Details**

Description

API Name: Customer\_Details\_c

Type: 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

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

Edit Delete

Trending videos Dogs Adopt a W...

Search

ENG IN 10-09-2025

Appointment | Salesforce

orgfarm-9858050726-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000001ymnZ/Details/view

Setup Home Object Manager

SETUP > OBJECT MANAGER

## Appointment

**Details**

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

<https://orgfarm-9858050726-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000001ymnZ/Details/view>

Finance headline  
India Passenger...

Search Layouts

List View Button Layout

Restriction Rules

18:10 16-09-2025

Service records | Salesforce

orgfarm-9858050726-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000001ymfW/Details/view

Setup Home Object Manager

SETUP > OBJECT MANAGER

## Service records

**Details**

Description

API Name: Service\_records\_c

Custom

Singular Label: Service records

Plural Label: Service records

Enable Reports

✓ Track Activities

Track Field History

✓ Deployment Status: Deployed

Help Settings

Standard salesforce.com Help Window

29°C Light rain

Search Layouts

List View Button Layout

17:46 10-09-2025

The screenshot shows the Salesforce Object Manager interface. On the left, a sidebar lists various configuration options under 'Details'. The main area displays the 'Details' tab for the 'Billing details and feedback' object. The API Name is set to 'Billing\_details\_and\_feedback\_c'. Under the 'Custom' section, the Singular Label is 'Billing details and feedback' and the Plural Label is 'Billing details and feedback'. To the right, there are sections for 'Enable Reports', 'Track Activities', 'Track Field History', 'Deployment Status' (set to 'Deployed'), and 'Help Settings' (set to 'Standard salesforce.com Help Window'). At the top right, there are 'Edit' and 'Delete' buttons.

- **Create a Custom Tab : Customer details , Appointments , Service records , Billing details and feedback**

The screenshot shows the 'Custom Tabs' page in the Salesforce Setup. In the sidebar, 'User Interface' is expanded, and 'Tabs' is selected. The main content area is titled 'Custom Tabs' and contains a sub-section 'Custom Object Tabs'. It shows four tabs: 'Appointments' (Box style), 'Billing\_details\_and\_feedback' (Cell phone style), 'Customer\_Details' (Bell style), and 'Service records' (Bell style). Below this is a 'Web Tabs' section, which is currently empty. At the bottom, there are 'New' and 'What Is This?' buttons. The status bar at the bottom indicates it's 29°C and light rain.

- Creating a Lightning app : GARAGE MANAGEMENT APPLICATION

The screenshot shows the 'Garage Management Application' in the Lightning App Builder. The left sidebar has 'App Settings' selected, with 'App Details & Branding' highlighted. The main area displays 'App Details & Branding' settings. Under 'App Details', the 'App Name' is set to 'Garage Management Application' and the 'Developer Name' is set to 'Garage\_Management\_Application'. Under 'App Branding', there is a placeholder for an 'Image' with a 'Upload' button, and the 'Primary Color Hex Value' is set to '#34DA34'. A 'Description' field is present with the placeholder 'Enter a description...'. On the right, there are 'Org Theme Options' and an 'App Launcher Preview' showing a green square icon with 'GM' and the text 'Garage Management Appli...'. The bottom status bar shows 'Light rain At night' and the date '10-09-2025'.

- Creation of fields for the customer details object

The screenshot shows the 'Customer Details' object in the Salesforce Object Manager. The left sidebar lists 'Fields & Relationships', 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Compact Layouts', 'Field Sets', 'Object Limits', 'Record Types', and 'Related Lookup Filters'. The main area shows the 'Fields & Relationships' table for the 'Customer Details' object. The table has columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The data includes:

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		

The bottom status bar shows 'IND - UAE In 2 hours' and the date '10-09-2025'.

- Creation of Lookup field for Appointment object

The screenshot shows the Salesforce Object Manager interface for the 'Appointment' object. The left sidebar lists various setup options like Page Layouts, Lightning Record Pages, Buttons, etc. The main area displays the 'Fields & Relationships' section with 10 items, sorted by Field Label. The table includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status.

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)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
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)		✓

- Creation of picklist field for Service records object

The screenshot shows the Salesforce Object Manager interface for the 'Service records' object. The left sidebar lists various setup options like Page Layouts, Lightning Record Pages, Buttons, etc. The main area displays the 'Fields & Relationships' section with 8 items, sorted by Field Label. The table includes columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status.

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		
service date	service_date_c	Formula (Date)		
Service records Name	Name	Auto Number		✓
Service Status	Service_Status_c	Picklist		

- Creation of fields for billing details and feedback object

The screenshot shows the Salesforce Object Manager interface for the 'Billing details and feedback' object. The left sidebar lists various setup categories like Page Layouts, Lightning Record Pages, and Field Sets. The main content area is titled 'Fields & Relationships' and displays a table with 8 items, sorted by Field Label. The columns are FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The data includes:

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(18, 0)		
Payment Status	Payment_Status__c	Picklist		
Rating for service	Rating_for_service__c	Text(1)		
Service records	Service_records__c	Lookup(Service records)		✓

- To create a validation rule to an Appointment object

The screenshot shows the Salesforce Object Manager interface for the 'Appointment' object. The left sidebar lists various setup categories. The main content area is titled 'Validation Rules' and displays a table with 1 item, sorted by Rule Name. The columns are RULE NAME, ERROR LOCATION, ERROR MESSAGE, ACTIVE, and MODIFIED BY. The data includes:

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Vehicle	Vehicle number plate	Please enter valid number	✓	Ajith T, 9/8/2025, 8:48 AM

- To Create a validation rule to an Billing details and Feedback object

The screenshot shows the Salesforce Object Manager interface. The left sidebar lists various setup options under 'SETUP > OBJECT MANAGER'. The main area is titled 'Billing details and feedback' and displays a table of 'Validation Rules'. There is one item listed:

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
rating_should_be_less_than_5	Rating for service	rating should be from 1 to 5	✓	Ajith T, 9/4/2025, 4:22 AM

The status bar at the bottom indicates it's 17:58 on 10-09-2025.

- To create a matching rule to an Customer Details object

The screenshot shows the Matching Rules page in the Salesforce Setup interface. The left sidebar has 'Data' expanded, with 'Matching Rules' selected. The main area is titled 'Matching Rules' and displays a table of 'All Matching Rules'.

Action	Rule Name	Object	Status	Description	Last Modified Date	Last Modified By
Del   Deactivate	Matching customer details	Customer Details	Active		9/4/2025	aaa
Deactivate	Standard Account Matching Rule	Account	Active	Matching rule for account records. <a href="#">More Info</a>	8/28/2025	QEPIC
Deactivate	Standard Contact Matching Rule	Contact	Active	Matching rule for contact records. <a href="#">More Info</a>	8/28/2025	QEPIC
Deactivate	Standard Lead Matching Rule	Lead	Active	Matching rule for lead records. <a href="#">More Info</a>	8/28/2025	QEPIC

The status bar at the bottom indicates it's 17:59 on 10-09-2025.

- To create a Duplicate rule to an Customer Details object

The screenshot shows the Salesforce Duplicate Rules page. The left sidebar has 'Duplicate rules' selected under 'Duplicate Management'. The main area title is 'All Duplicate Rules'. It includes a 'What Are Duplicate Rules?' section and a table listing four rules:

Rule Name	Description	Object	Matching Rule	Active	Last Modified By	Last Modified Date
<a href="#">Customer Detail duplicate</a>	Identify accounts that duplicate other accounts.	Customer Details	<a href="#">Matching customer details</a>	<input checked="" type="checkbox"/>	aaa	9/4/2025
<a href="#">Standard Account Duplicate Rule</a>	Identify contacts that duplicate other contacts and leads.	Account	<a href="#">Standard Account Matching Rule</a>	<input checked="" type="checkbox"/>	QEPIC	8/28/2025
<a href="#">Standard Contact Duplicate Rule</a>	Identify leads that duplicate other leads and contacts.	Contact	<a href="#">Standard Contact Matching Rule</a>	<input checked="" type="checkbox"/>	QEPIC	8/28/2025
<a href="#">Standard Lead Duplicate Rule</a>	Identify leads that duplicate other leads and contacts.	Lead	<a href="#">Standard Lead Matching Rule</a>	<input checked="" type="checkbox"/>	QEPIC	8/28/2025

- To create a Manager Profile

The screenshot shows the Salesforce Profiles page. The left sidebar has 'Profiles' selected under 'Users'. The main area title is 'Profiles'. It includes a 'All Profiles' section and a table listing four profiles:

Action	Profile Name	User License	Custom
<a href="#">Edit   Del</a>	Manager	Salesforce	<input checked="" type="checkbox"/>
<a href="#">Edit   Clone</a>	Marketing User	Salesforce	<input type="checkbox"/>
<a href="#">Edit   Clone</a>	Minimum Access - API Only Integrations	Salesforce Integration	<input type="checkbox"/>
<a href="#">Edit   Clone</a>	Minimum Access - Salesforce	Salesforce	<input type="checkbox"/>

- To Create a Sales person profile

The screenshot shows the Salesforce Setup interface with the 'Profiles' page open. The left sidebar shows 'Users' and 'Profiles' selected. The main area has a search bar and a table titled 'Profiles'. The table includes columns for 'Action', 'Profile Name', 'User License', and 'Custom'. A row for 'sales\_person' is highlighted.

Action	Profile Name	User License	Custom
<a href="#">Edit   Del</a>	<a href="#">sales_person</a>	Salesforce Platform	<input checked="" type="checkbox"/>
<a href="#">Edit   Del</a>	<a href="#">Salesforce API Only System Integrations</a>	Salesforce Integration	<input checked="" type="checkbox"/>
<a href="#">Edit   Clone</a>	<a href="#">Silver Partner User</a>	Silver Partner	<input type="checkbox"/>
<a href="#">Edit   Clone</a>	<a href="#">Solution Manager</a>	Salesforce	<input type="checkbox"/>
<a href="#">Edit   Clone</a>	<a href="#">Standard Platform User</a>	Salesforce Platform	<input type="checkbox"/>
<a href="#">Edit   Clone</a>	<a href="#">Standard User</a>	Salesforce	<input type="checkbox"/>
<a href="#">Edit   Clone</a>	<a href="#">System Administrator</a>	Salesforce	<input type="checkbox"/>

- To Creating Manager Role

The screenshot shows the Salesforce Setup interface with the 'Roles' page open. The left sidebar shows 'Users' and 'Roles' selected. The main area has a search bar and a tree view titled 'Creating the Role Hierarchy'. The tree shows a hierarchy starting from 'SRS college' and including 'CEO', 'CFO', 'COO', 'Manager', 'sales\_person', 'SVP. Customer Service & Support', 'Customer Support, International', 'Customer Support, North America', and 'Installation & Repair Services'.

```

graph TD
    SRS[SRS college] --> CEO[CEO]
    SRS --> CFO[CFO]
    SRS --> COO[COO]
    SRS --> Manager[Manager]
    Manager --> sales_person[sales_person]
    SVP[SVP. Customer Service & Support] --> CSInt[Customer Support, International]
    SVP --> CSNA[Customer Support, North America]
    SVP --> IRS[Installation & Repair Services]
  
```

- Creating another Roles

The screenshot shows the Salesforce Setup interface for managing Roles. The left sidebar navigation includes 'Users' (selected), 'Feature Settings', 'Sales', 'Service', and 'Case Teams'. The main content area displays a tree view of roles under 'SRS college':

- CEO**: Edit | Del | Assign
  - Add Role**
  - CFO**: Edit | Del | Assign
    - Add Role**
  - COO**: Edit | Del | Assign
    - Add Role**
  - Manager**: Edit | Del | Assign
    - Add Role**
    - sales person**: Edit | Del | Assign
      - Add Role**
  - SVP, Customer Service & Support**: Edit | Del | Assign
    - Add Role**
    - Customer Support, International**: Edit | Del | Assign
      - Add Role**
    - Customer Support, North America**: Edit | Del | Assign
      - Add Role**
    - Installation & Repair Services**: Edit | Del | Assign
      - Add Role**
  - SVP, Human Resources**: Edit | Del | Assign
    - Add Role**
  - SVP, Sales & Marketing**: Edit | Del | Assign
    - Add Role**
    - VP, International Sales**: Edit | Del | Assign
      - Add Role**

At the bottom of the page, there is a status bar showing weather (29°C, Mostly cloudy), system language (ENG IN), and date (10-09-2025).

- To Create a New Users group

The screenshot shows the Salesforce Setup interface for managing Users. The left sidebar navigation includes 'Users' (selected), 'Permission Set Groups', 'Permission Sets', 'Profiles', 'Public Groups', 'Queues', 'Roles', 'User Management Settings', and 'Prospector Users'. The main content area displays the 'All Users' page with the following details:

**All Users**

On this page you can create, view, and manage users.

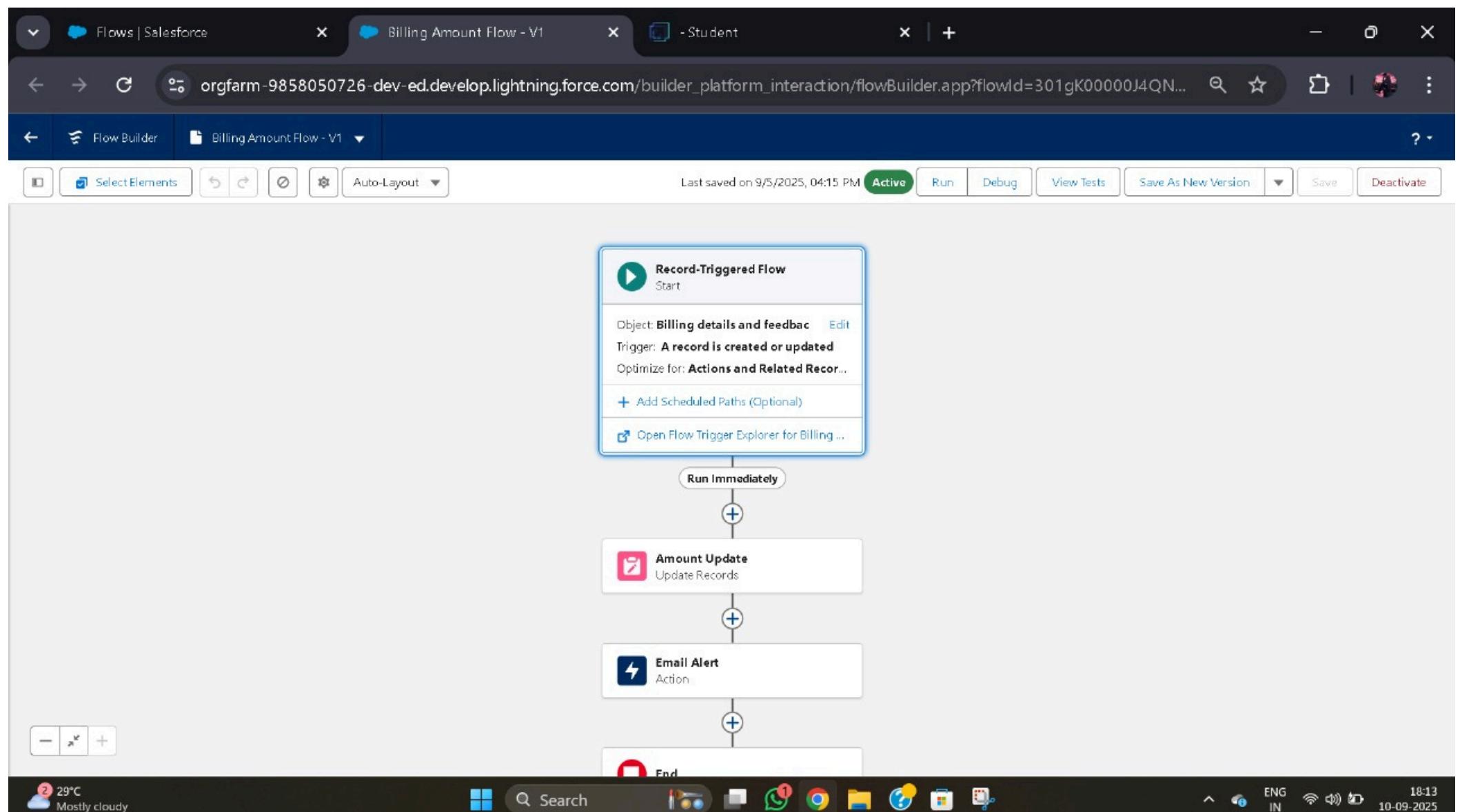
To get more licenses, use the Your Account app. [Let's Go](#)

**View:** All Users | [Edit](#) | [Create New View](#)

Action	Full Name	Alias	Username	Role	Active	Profile
<a href="#">Edit</a>	Chatter Expert	Chatter	shatty@0dgk0000ad4f2uad.g7gwsdp2gnly@chatter.salesforce.com		<input checked="" type="checkbox"/>	Chatter Free User
<a href="#">Edit</a>	QEPIC_OrgFarm	QEPIQ	epic.a104fed4e004u@orgfarm.salesforce.com		<input checked="" type="checkbox"/>	System Administrator
<a href="#">Edit</a>	kumar_Sanjay	skuma	sanjay@9090.com		<input checked="" type="checkbox"/>	sales person
<a href="#">Edit</a>	Mikaelson_Niklaus	nmika	ajith@9090.com		<input checked="" type="checkbox"/>	Manager
<a href="#">Edit</a>	narayanan_Lakshmi	lnara	lachu@9090.com		<input checked="" type="checkbox"/>	sales person
<a href="#">Edit</a>	I_Aith	aaa	aaaaagka98160@agentforce.com		<input checked="" type="checkbox"/>	System Administrator
<a href="#">Edit</a>	User_Integration	Integ	Integration@0dgk0000ad4f2uad.com		<input checked="" type="checkbox"/>	Analytics Cloud Integration User
<a href="#">Edit</a>	User_Security	sec	insightssecurity@0dgk0000ad4f2uad.com		<input checked="" type="checkbox"/>	Analytics Cloud Security User

At the bottom of the page, there is a status bar showing weather (29°C, Mostly cloudy), system language (ENG IN), and date (10-09-2025).

- To Create a Flow



- To Create a Apex Handler Amount distribution

Developer Console - Google Chrome

orgfarm-9858050726-dev-ed.develop.my.salesforce.com/\_ui/common/apex/debug/ApexCSIPage

File + Debug + Test + Workspace + Help < ▾

AmountDistributionHandler.apcpx ▾ AmountDistribution.apcpx ▾

Code Coverage 60% 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    for(Appointment__c app : listApp){  
11  
12        if(app.Maintenance_service__c == true && app.Repairs__c == true && app.Replacement_Parts__c == true){  
13            app.Service_Amount__c = 10000;  
14  
15        }  
16  
17    }  
18  
19    else if(app.Maintenance_service__c == true && app.Repairs__c == true){  
20        app.Service_Amount__c = 5000;  
21  
22    }  
23  
24    else if(app.Maintenance_service__c == true && app.Replacement_Parts__c == true){  
25        app.Service_Amount__c = 8000;  
26  
27    }  
28  
29    else if(app.Repairs__c == true && app.Replacement_Parts__c == true){  
30        app.Service_Amount__c = 7000;  
31  
32    }  
33  
34}
```

Logs Tests Checkpoints Query Editor ViewState Progress Problems

Name	Line	Problem
AmountDistributionHandler	13	Variable does not exist: Maintenance_service__c
AmountDistributionHandler	19	Variable does not exist: Maintenance_service__c
AmountDistributionHandler	25	Variable does not exist: Maintenance_service__c
AmountDistributionHandler	37	Variable does not exist: Maintenance_service__c
AmountDistribution	7	Method does not exist or incorrect signature: void amountDist(list<Appointment__c>) from the type AmountDistributionHandler

2 29°C  
My weather forecast

Search

18:14

- To Create a Report folder

The screenshot shows the Salesforce Reports page. A recent report titled "New Service information Report" is listed under the "Recent" section. This report was created by Ajith T on 9/6/2025 at 12:27 AM and is located in the "Garage Management Folder". The sidebar on the left provides links to "Recent", "Folders", and "Favorites". The top navigation bar includes tabs for "Customer Details", "Appointments", "Service records", "Billing details and feedback", "Reports", and "Dashboards". The status bar at the bottom indicates "29°C Mostly cloudy" and the date "10-09-2025".

- Then, Create Report types

The screenshot shows the Salesforce Setup page for creating a custom report type. The report type is named "Service information". The "Details" section displays the following information:

Display Label	Service information
API Name	Service_information
Description	Service information
Created By	Ajith T, 9/6/25, 12:43 PM
Store in Category	other
Deployment Status	Deployed
Modified By	Ajith T, 9/6/25, 12:43 PM

The "Object Relationships" section shows relationships with "Customer Details (A)", "Appointments (B)", "Service records (C)", and "Billing details and feedback (D)". A diagram illustrates how fields from these objects inherit into the report type. The status bar at the bottom indicates "2 cm of rain In 3 hours" and the date "10-09-2025".

- To Create Dashboard Folder

The screenshot shows the Salesforce Dashboards page. On the left, there's a sidebar with categories like Recent, Dashboards, Folders, and Favorites. The main area displays a table of dashboards. One row is highlighted, showing a dashboard named 'Customer review' which is part of a folder named 'Service Rating dashboard'. The table includes columns for Dashboard Name, Description, Folder, Created By, Created On, and Subscribed.

- To Create a all set of Records

The screenshot shows the Salesforce Customer Details page for a record named 'Mac'. The left side has tabs for Related and Details. Under Details, there are fields for Customer Name (Mac), Phone number ((123) 231-2321), Email (mac@gmail.com), and Created By (Ajith T). The right side shows the Activity feed, which is currently empty. At the bottom, there are buttons for New Contact, Edit, and New Opportunity.

## **CONCLUSION**

The Garage Management System is an efficient solution designed to simplify and automate the daily operations of a garage. It reduces manual work, minimizes errors, and provides accurate records of services, repairs, spare parts, billing, and customer details. By integrating features such as appointment scheduling, inventory tracking, and service history management, the system ensures better time management and customer satisfaction. Overall, it enhances productivity, improves transparency, and supports the growth of the business by offering a streamlined, user-friendly, and reliable platform for managing all garage-related activities.