

GARAGE MANAGEMENT SYSTEM

SRI KRISHNA ADITHYA COLLEGE OF ARTS AND
SCIENCE

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1.INTRODUCTION

1.1 Project Overview

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.

1.2 Purpose

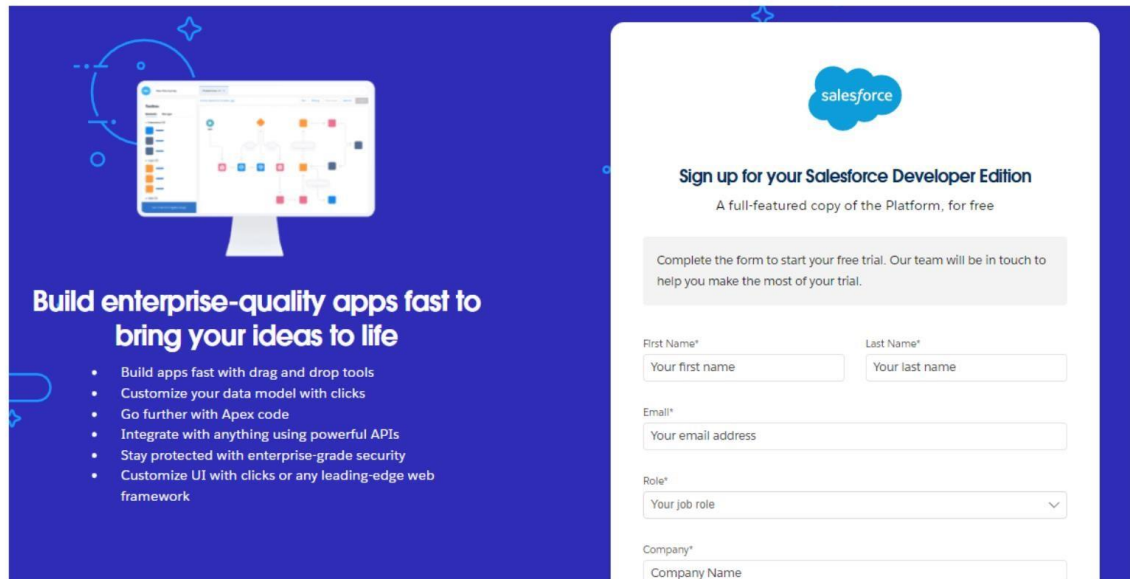
The purpose of a Garage Management System is to streamline and automate the daily operations of a vehicle service center, including customer and vehicle management, service booking, inventory tracking, and billing. It helps improve efficiency, reduce manual errors, and maintain accurate service and payment records.

DEVELOPMENT PHASE

Creating Developer account

By using this

URL: <https://developer.salesforce.com/signup>



The image shows the Salesforce Developer Edition sign-up page. On the left, there is a blue background with a white box containing a diagram of a data model and the text "Build enterprise-quality apps fast to bring your ideas to life". Below this, there is a list of bullet points: "Build apps fast with drag and drop tools", "Customize your data model with clicks", "Go further with Apex code", "Integrate with anything using powerful APIs", "Stay protected with enterprise-grade security", and "Customize UI with clicks or any leading-edge web framework". On the right, there is a white box with the Salesforce logo and the text "Sign up for your Salesforce Developer Edition" and "A full-featured copy of the Platform, for free". Below this, there is a form with fields for "First Name*", "Last Name*", "Email*", "Role*", "Company*", and "Company Name".

Build enterprise-quality apps fast to bring your ideas to life

- Build apps fast with drag and drop tools
- Customize your data model with clicks
- Go further with Apex code
- Integrate with anything using powerful APIs
- Stay protected with enterprise-grade security
- Customize UI with clicks or any leading-edge web framework

Sign up for your Salesforce Developer Edition
A full-featured copy of the Platform, for free

Complete the form to start your free trial. Our team will be in touch to help you make the most of your trial.

First Name*
Your first name

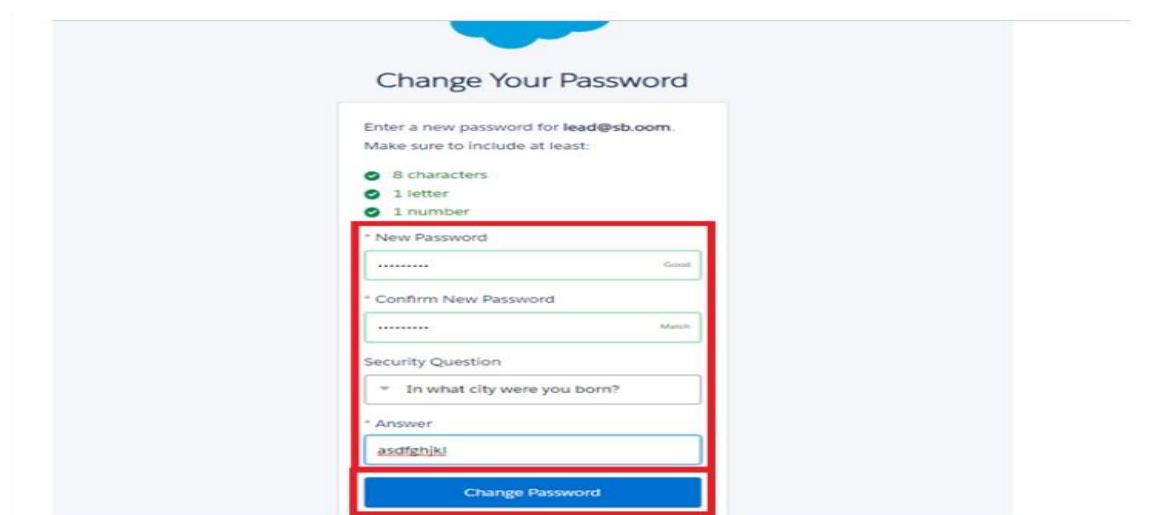
Last Name*
Your last name

Email*
Your email address

Role*
Your job role

Company*
Company Name

Account Activation



The image shows the "Change Your Password" page. It has a title "Change Your Password" and a subtitle "Enter a new password for lead@sb.com. Make sure to include at least:". Below the subtitle, there are three green checkmarks indicating password requirements: "8 characters", "1 letter", and "1 number". The form has three main sections: "New Password" with a text input field and a "Good" label, "Confirm New Password" with a text input field and a "Match" label, and "Security Question" with a dropdown menu showing "In what city were you born?". Below the security question, there is an "Answer" section with a text input field containing "asdfghjkl". At the bottom, there is a blue "Change Password" button.

Change Your Password

Enter a new password for lead@sb.com. Make sure to include at least:

- ✓ 8 characters
- ✓ 1 letter
- ✓ 1 number

* New Password
..... Good

* Confirm New Password
..... Match

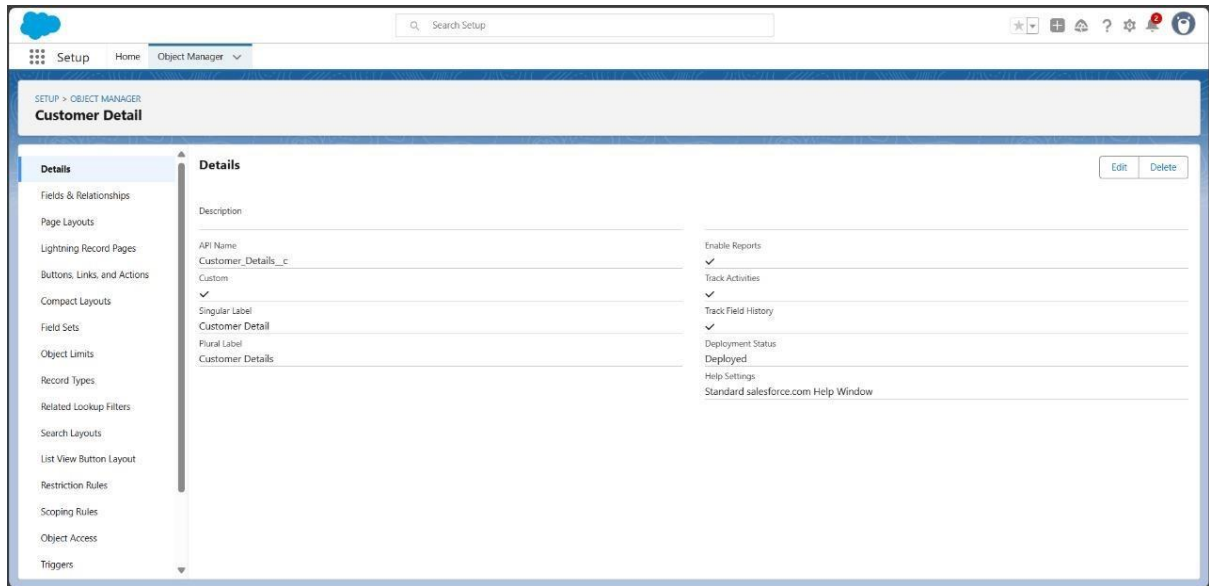
Security Question
▼ In what city were you born?

* Answer
asdfghjkl

Change Password

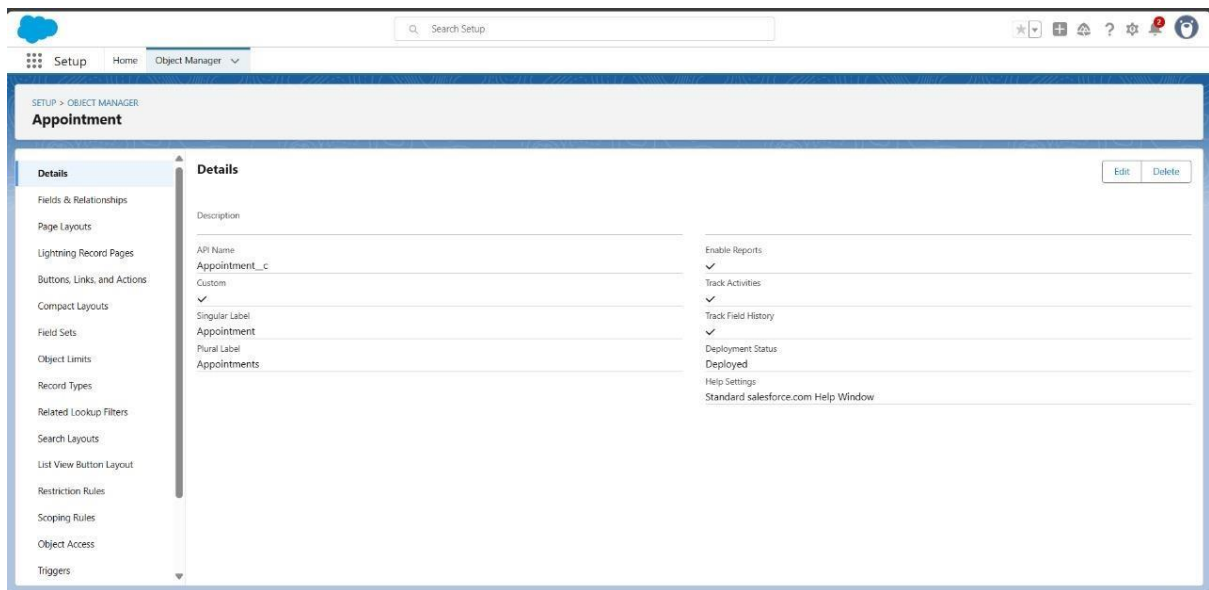
This will redirect to your salesforce setup page.

Create Objects: Customer Details, Appointments, Service Record, Billing Details and Feedback Object.




The screenshot shows the Salesforce Setup interface for the 'Customer Detail' object. The left sidebar contains a 'Details' section with a list of configuration options: 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 main content area is titled 'Customer Detail' and includes an 'Edit' button and a 'Delete' button. The 'Details' section is expanded, showing the following fields:

- Description
- API Name: Customer_Details__c
- Custom: ☒
- Singular Label: Customer Detail
- Plural Label: Customer Details
- Enable Reports: ☒
- Track Activities: ☒
- Track Field History: ☒
- Deployment Status: Deployed
- Help Settings: Standard salesforce.com Help Window









The screenshot shows the Salesforce Setup interface for the 'Appointment' object. The left sidebar contains a 'Details' section with a list of configuration options: 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 main content area is titled 'Appointment' and includes an 'Edit' button and a 'Delete' button. The 'Details' section is expanded, showing the following fields:

- 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



Search Setup



SetupHomeObject 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

Restriction Rules

Scoping Rules

Object Access

Triggers

Details

Description

API Name
Service_record_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

EditDelete



Search Setup



SetupHomeObject 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

List View Button Layout

Restriction Rules

Scoping Rules

Object Access

Triggers

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

EditDelete

Creating Tabs: Customer Details, Appointments, Service Record, Billing Details and Feedback Object.

The screenshot shows the Salesforce Custom Tabs page in the Lightning Experience. The page is titled "Custom Tabs" and includes a search bar at the top. The left sidebar contains navigation links for Home, Chatter, Campaigns, Leads, Accounts, Contacts, Opportunities, Forecasts, Contracts, Orders, Cases, Solutions, Products, Reports, Dashboards, Customer Details, Appointments, Billing details and feedbacks, and a dropdown menu. The main content area is divided into sections for Custom Object Tabs, Web Tabs, Visualforce Tabs, Lightning Component Tabs, and Lightning Page Tabs. The Custom Object Tabs section is currently active, showing a table with columns for Action, Label, Tab Style, and Description. The table lists four tabs: Appointments (Alarm clock icon), Billing details and feedbacks (App icon), Customer Details (Airplane icon), and Service records (Globe icon). The other sections (Web Tabs, Visualforce Tabs, Lightning Component Tabs, and Lightning Page Tabs) all show "No [type] Tabs have been defined".

Custom Tabs

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. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Action	Label	Tab Style	Description
Edit Del	Appointments	Alarm clock	
Edit Del	Billing details and feedbacks	App	
Edit Del	Customer Details	Airplane	
Edit Del	Service records	Globe	

Web Tabs

No Web Tabs have been defined

Visualforce Tabs

No Visualforce Tabs have been defined

Lightning Component Tabs

No Lightning component tabs have been defined

Lightning Page Tabs

No Lightning Page Tabs have been defined

Lightning App is been developed with the name” Garage Management Application “.

← Lightning App Builder

⚙ App Settings

📄 Pages ▾

Garage Management Application

🔍 Help

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

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 Application

*Developer Name ⓘ
Garage_Management_Application

Description ⓘ
Enter a description...

App Branding

Image ⓘ
Upload

Primary Color Hex Value ⓘ
#0070B2

Org Theme Options
☐ Use the app's image and color instead of the org's custom theme.

App Launcher Preview

GM Garage Management Appl...

← Lightning App Builder

⚙ App Settings

📄 Pages ▾

Garage Management Application

🔍 Help

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

User Profiles

Choose the user profiles that can access this app.

Available Profiles

Type to filter list...

Analytics Cloud Integration User

Analytics Cloud Security User

Anypoint Integration

Authenticated Website

Authenticated Website

B2B Reordering Portal Buyer Profile

Contract Manager

Custom: Marketing Profile

Custom: Sales Profile

Custom: Support Profile

Customer Community Login User

Customer Community Plus Login User

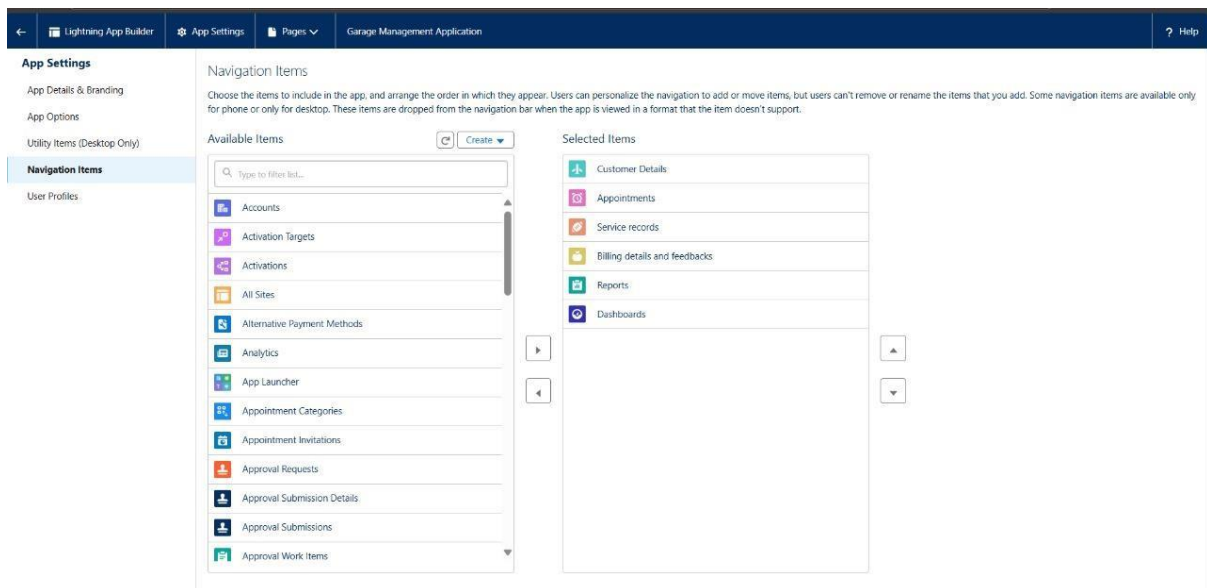
Customer Community Plus User

Selected Profiles

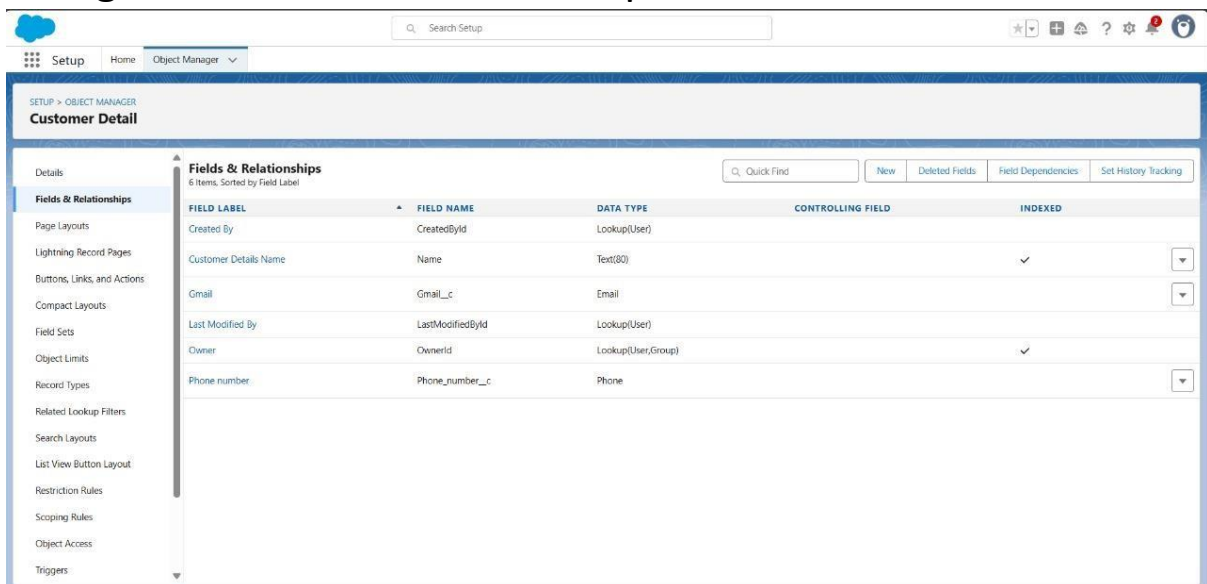
System Administrator

Manager

sales person



Configured fields and relationships



Setup

Home

Object Manager

Q Search Setup

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

Restriction Rules

Scoping Rules

Object Access

Triggers

Fields & Relationships

9 Items, Sorted by Field Label

Q 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)		
Customer Detail	Customer_Detail__c	Lookup(Customer Detail)		✓
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 record Name	Name	Auto Number		✓
Service Status	Service_Status__c	Picklist		

Setup

Home

Object Manager

Q Search Setup

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

Fields & Relationships

13 Items, Sorted by Field Label

Q Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

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 Detail	Customer_Detail__c	Lookup(Customer Detail)		✓
Customer Details	Customer_Details__c	Lookup(Customer Detail)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Maintenance service	Maintenance_service__c	Checkbox		
Owner	OwnerId	Lookup(User,Group)		✓
Repairs	Repairs__c	Checkbox		
Replacement Parts	Replacement_Parts__c	Checkbox		
Service Amount	Service_Amount__c	Currency(18, 0)		

Setup

Home

Object Manager

Q Search Setup

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

List View Button Layout

Restriction Rules

Scoping Rules

Object Access

Triggers

Fields & Relationships

8 Items, Sorted by Field Label

Q 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)		✓
Payment Paid	Payment_Paid__c	Currency(10, 2)		
Payment Status	Payment_Status__c	Picklist		
Rating for service	Rating_for_service__c	Text(1)		
Service record	Service_record__c	Lookup(Service record)		✓

Create a Validation Rule

Salesforce 25 Search... Switch to Lightning Experience Pandeywal c Setup Help Sales

Home Chatter Campaigns Leads Accounts Contacts Opportunities Forecasts Contracts Orders Cases Solutions Products Reports Dashboards Customer Details Appointments Billing details and feedbacks +

Quick Find / Search... Expand All Collapse All Salesforce Mobile Quick Start

Appointment Validation Rule

Back to Appointment Help for this Page

Validation Rule Detail		Edit	Clone
Rule Name	Vehicle	Active	<input checked="" type="checkbox"/>
Error Condition Formula	NOT(REGEX(Vehicle_number_plate__c , '[A-Z][0-9]{2}[A-Z][0-9]{4}'))		
Error Message	Please enter valid number	Error Location	Vehicle number plate
Description		Modified By	Pandeywal c, 9/4/2025, 9:34 AM
Created By	Pandeywal c, 9/4/2025, 9:34 AM	Edit	Clone

- Release Updates
 - Manage Users
 - Manage Apps
 - Manage Territories
 - Company Profile
 - Data Classification
 - Privacy Center
 - Security Controls
 - Domain Management
 - Communication Templates
 - Translation Workbench
 - Data Management
 - Mobile Administration
 - Desktop Administration
 - Outlook Integration and Sync
 - Gmail Integration and Sync
 - Email Administration
 - Google Apps
 - Analytics
 - Tableau
 - Data.com Administration
- Build
 - Customize

Billing details and feedback Validation Rule

Back to Billing details and feedback:

Validation Rule Detail		Edit	Clone
Rule Name	rating_should_be_less_than_5	Active	✓
Error Condition Formula	NOT(REGEX(Rating_for_service__c, "[1-5](1)"))	Error Location	Rating for service
Error Message	rating should be from 1 to 5	Modified By	Pandisward c. 9/13/2025, 8:39 AM
Description	rating should be from 1 to 5		
Created by	Pandisward c. 9/4/2025, 9:35 AM		

[Edit](#) [Clone](#)

Create a Duplicate Rule

This screenshot shows the 'Matching Rule Detail' page in Salesforce. The page title is 'Matching customer details'. The left sidebar contains navigation links for Home, Chatter, Campaigns, Leads, Accounts, Contacts, Opportunities, Forecasts, Contracts, Orders, Cases, Solutions, Products, Reports, Dashboards, Customer Details, Appointments, Billing details and feedbacks, and a search bar. The main content area displays the details of the 'Matching customer details' rule. The rule is active and was created by Pandeywar, c. 9/4/2025, 9:38 AM. The matching criteria are: (Customer Detail: Email EXACT MatchBlank = FALSE) AND (Customer Detail: Phone_number EXACT MatchBlank = FALSE).

Field	Value
Object	Customer Detail
Rule Name	Matching customer details
Unique Name	Matching_customer_details
Description	
Matching Criteria	(Customer Detail: Email EXACT MatchBlank = FALSE) AND (Customer Detail: Phone_number EXACT MatchBlank = FALSE)
Status	Active
Created By	Pandeywar, c. 9/4/2025, 9:38 AM
Modified By	Pandeywar, c. 9/4/2025, 9:38 AM

This screenshot shows the 'Duplicate Rule Detail' page in Salesforce. The page title is 'Customer Detail duplicate'. The left sidebar contains navigation links for Home, Chatter, Campaigns, Leads, Accounts, Contacts, Opportunities, Forecasts, Contracts, Orders, Cases, Solutions, Products, Reports, Dashboards, Customer Details, Appointments, Billing details and feedbacks, and a search bar. The main content area displays the details of the 'Customer Detail duplicate' rule. The rule is active and was created by Pandeywar, c. 9/4/2025, 9:41 AM. The matching criteria are: (Customer Detail: Email EXACT MatchBlank = FALSE) AND (Customer Detail: Phone_number EXACT MatchBlank = FALSE). The rule is mapped to the 'Matching customer details' rule.

Field	Value
Rule Name	Customer Detail duplicate
Description	
Object	Customer Detail
Record Level Security	Enforce sharing rules
Action On Create	Allow
Action On Edit	Allow
Alert Text	Use one of these records?
Alert	Active
Matching Rule	Matching customer details
Conditions	✓ Mapped
Created By	Pandeywar, c. 9/4/2025, 9:41 AM
Modified By	Pandeywar, c. 9/4/2025, 9:41 AM

Creating a Profile

This screenshot shows the Salesforce user profile for 'Standard User'. The page includes a navigation sidebar on the left with options like Home, Chatter, Campaigns, Leads, Accounts, Contacts, Opportunities, Forecasts, Contracts, Orders, Cases, Solutions, Products, Reports, Dashboards, Customer Details, Appointments, Billing details and feedbacks, and Service records. The main content area displays the user's details, including Name (Standard User), User License (Salesforce), and Custom Profile (Pardewat.c). Below this, the 'Page Layouts' section shows a grid of standard object layouts, such as Global Layout, Email Application, Home Page Layout, Account Layout, Alternative Payment Method, Appointment Invitation, Asset Layout, Asset Action, Asset Relationship, Asset State Period, Assigned Resource, Associated Location, Async Operation Log, Authorization Form, and Authorization Form Consent. Each layout is linked to a specific page layout, such as Global Layout, Email Application, Home Page Layout, Account Layout, Alternative Payment Method, Appointment Invitation, Asset Layout, Asset Action, Asset Relationship, Asset State Period, Assigned Resource, Associated Location, Async Operation Log, Authorization Form, and Authorization Form Consent.

This screenshot shows the Salesforce user profile for 'Standard Platform User'. The page includes a navigation sidebar on the left with options like Home, Chatter, Campaigns, Leads, Accounts, Contacts, Opportunities, Forecasts, Contracts, Orders, Cases, Solutions, Products, Reports, Dashboards, Customer Details, Appointments, Billing details and feedbacks, and Service records. The main content area displays the user's details, including Name (Standard Platform User), User License (Salesforce Platform), and Custom Profile (Pardewat.c). Below this, the 'Page Layouts' section shows a grid of standard object layouts, such as Global Layout, Email Application, Home Page Layout, Account Layout, Alternative Payment Method, Appointment Invitation, Asset Layout, Asset Action, Asset Relationship, Asset State Period, Assigned Resource, Associated Location, Async Operation Log, Authorization Form, and Authorization Form Consent. Each layout is linked to a specific page layout, such as Global Layout, Email Application, Home Page Layout, Account Layout, Alternative Payment Method, Appointment Invitation, Asset Layout, Asset Action, Asset Relationship, Asset State Period, Assigned Resource, Associated Location, Async Operation Log, Authorization Form, and Authorization Form Consent.

Creating Role and Role Hierarchy "Manager" and "Sales Person"

The screenshot shows the 'Manager' role configuration page. The header includes a search bar and navigation links: Customer Details, Appointments, Service records, Billing details and feedbacks, Reports, and Dashboards. The main content area has a 'Role' section with a 'Manager' icon and title. Below this, it shows 'Last Modified By: Pandiswari c, 9/5/2025, 5:17 AM'. A 'Details' tab is active, displaying a form with the following fields:

Related	Details
Name	Manager
Last Modified By	Pandiswari c, 9/5/2025, 5:17 AM
Description	
Parent Role	CEO
Developer Name	Manager

The screenshot shows the 'sales person' role configuration page. The header is identical to the previous one. The main content area has a 'Role' section with a 'sales person' icon and title. Below this, it shows 'Last Modified By: Pandiswari c, 9/5/2025, 5:18 AM'. A 'Details' tab is active, displaying a form with the following fields:

Related	Details
Name	sales person
Last Modified By	Pandiswari c, 9/5/2025, 5:18 AM
Description	
Parent Role	Manager
Developer Name	sales_person

Creating users as Niklaus Mikaelson and other users

The screenshot shows the Salesforce user profile for Niklaus Mikaelson. The page is titled "User Detail" and includes a navigation bar with various tabs like "Permission Set Assignments", "Activation Required", etc. The user's details are listed in a table format, including Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, Locale, Language, and Delegated Approver. The user is currently active and has a role of "Manager". The page also shows a list of permissions and a "Generate" button for the temporary verification code.

Field	Value
Name	Niklaus Mikaelson
Alias	nmika
Email	pandisw@icloud.com (Verify)
Username	nmika@mikaelson.nk
Nickname	User175707478556247375
Title	
Company	
Department	
Division	
Address	Calcuttore India
Time Zone	(GMT-07:00) Pacific Daylight Time (America/Los_Angeles)
Locale	English (United States)
Language	English
Delegated Approver	Manager
Receive Approval Request Emails	Only if I am an approver
Federation ID	
App Registration: One-Time Password Authenticator	
App Registration: Salesforce Authenticator	
Security Key (U2F or WebAuthn)	
Lightning Login	
Temporary Verification Code (Expires in 1 to 24 Hours)	Generate
Role	Manager
User License	Salesforce
Profile	Manager
Active	✓
Marketing User	
Offline User	
Knowledge User	
Flow User	
Service Cloud User	
Site.com Contributor User	
Site.com Publisher User	
WDC User	
Mobile Push Registrations	View
Data.com User Type	
Accessibility Mode (Classic Only)	
Debug Mode	
High Contrast Palette on Charts	
Load Lightning Pages While Scrolling	✓
Salesforce CRM Content User	✓
Receive Salesforce CRM Content Email Alerts	✓
Receive Salesforce CRM Content Alerts as Daily Digest	✓
Make Setup My Default Landing Page	
Allow Forecasting	
No MMS Updates	
Call Center	
Phone	00381274315
Extension	
Fax	

The screenshot shows the Salesforce user profile for pandis c. The page is titled "User Detail" and includes a navigation bar with various tabs like "Permission Set Assignments", "Activation Required", etc. The user's details are listed in a table format, including Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, Locale, Language, and Delegated Approver. The user is currently active and has a role of "Salesforce Platform". The page also shows a list of permissions and a "Generate" button for the temporary verification code.

Field	Value
Name	pandis c
Alias	pc
Email	pandisw@icloud.com (Verify)
Username	pandis@icc.com
Nickname	User17570752736171913994
Title	
Company	
Department	
Division	
Address	
Time Zone	(GMT-07:00) Pacific Daylight Time (America/Los_Angeles)
Locale	English (United States)
Language	English
Delegated Approver	Manager
Receive Approval Request Emails	Only if I am an approver
Federation ID	
App Registration: One-Time Password Authenticator	
App Registration: Salesforce Authenticator	
Security Key (U2F or WebAuthn)	
Lightning Login	
Temporary Verification Code (Expires in 1 to 24 Hours)	Generate
Role	8885.D8T500
User License	Salesforce Platform
Profile	sales_versao
Active	✓
Marketing User	
Offline User	
Knowledge User	
Flow User	
Service Cloud User	
Site.com Contributor User	
Site.com Publisher User	
WDC User	
Mobile Push Registrations	View
Data.com User Type	
Accessibility Mode (Classic Only)	
Debug Mode	
High Contrast Palette on Charts	
Load Lightning Pages While Scrolling	✓
Salesforce CRM Content User	✓
Receive Salesforce CRM Content Email Alerts	✓
Receive Salesforce CRM Content Alerts as Daily Digest	✓
Make Setup My Default Landing Page	
Allow Forecasting	
No MMS Updates	
Call Center	
Phone	
Extension	
Fax	
Mobile	

Creating New Public Group “Sales Team”

The screenshot shows the Salesforce Admin console with the 'sales team' public group configuration page. The left sidebar contains navigation links for Home, Chatter, Campaigns, Leads, Accounts, Contacts, Opportunities, Forecasts, Contracts, Orders, Cases, Solutions, Products, Reports, Dashboards, Customer Details, Appointments, Billing details and feedbacks, and a search bar. The main content area displays the group details for 'sales team', including its label, group name, and description. Below this, a table lists the users assigned to the group, with columns for Name and Type. The table shows one user, 'sales person', with a Type of 'Role'.

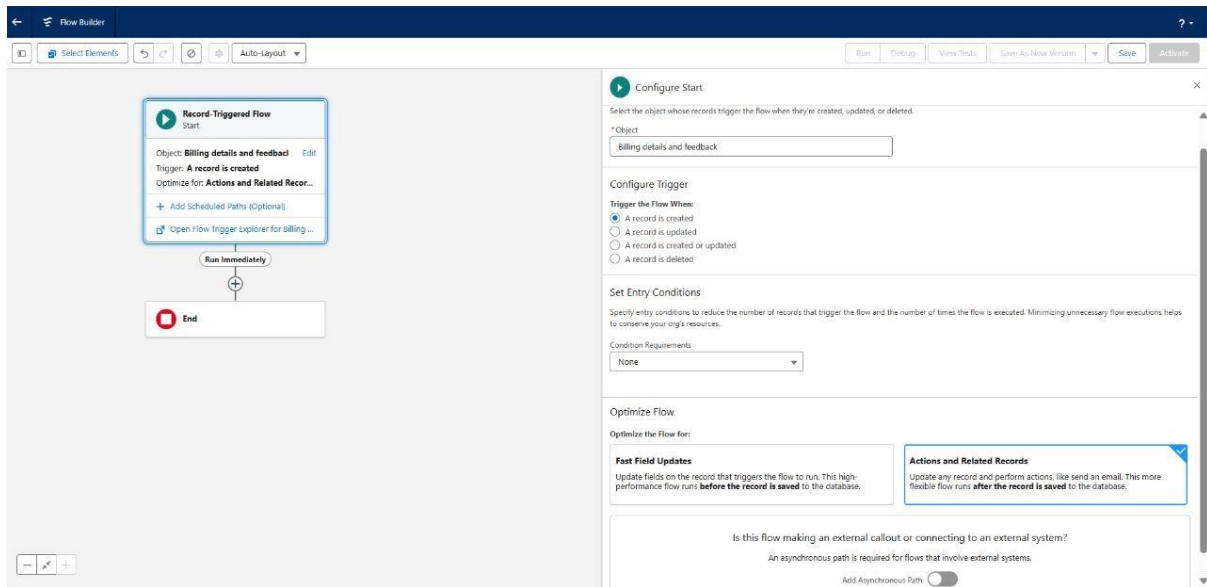
Name	Type
sales person	Role

Creating Sharing Settings “Sharing setting”

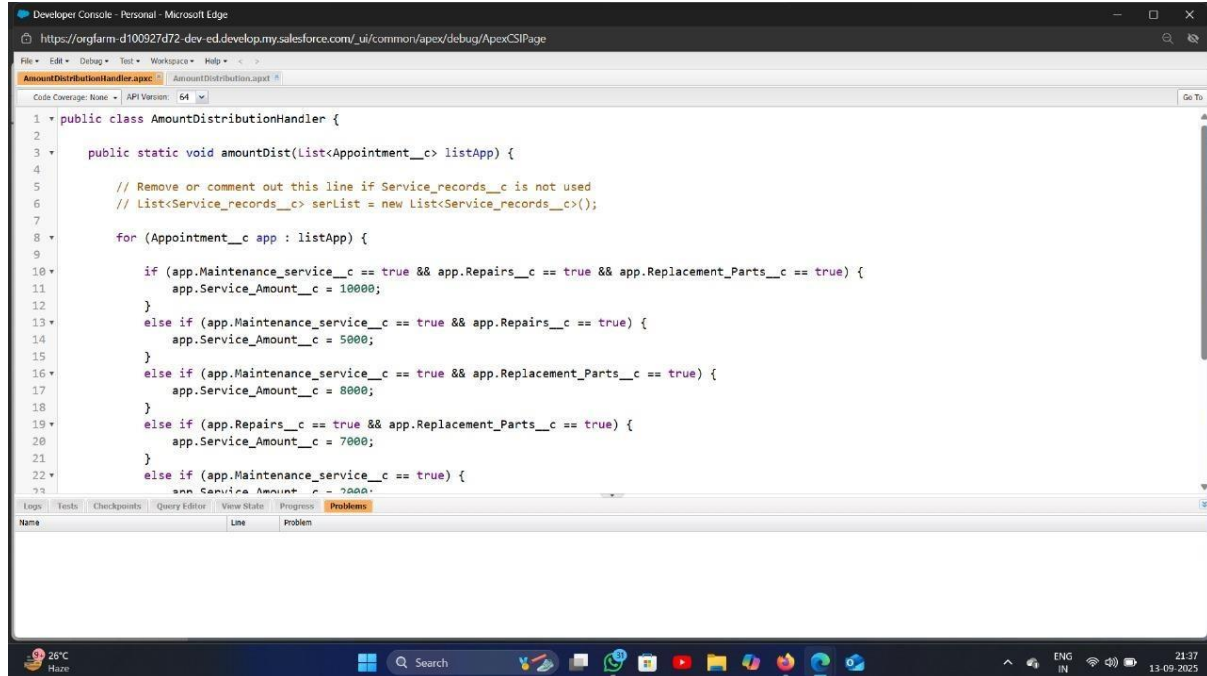
The screenshot shows the Salesforce Admin console's Sharing Settings configuration page. The left sidebar contains navigation links for Home, Chatter, Campaigns, Leads, Accounts, Contacts, Opportunities, Forecasts, Contracts, Orders, Cases, Solutions, Products, Reports, Dashboards, Customer Details, Appointments, Billing details and feedbacks, and a search bar. The main content area displays a table of sharing settings for various objects, including Service Appointment, Service Appointment Attendee, Service Contract, Service Resource, Service Territory, Shift, Shipment, Shipping Carrier, Shipping Carrier Method, Shipping Configuration Set, Streaming Channel, Tableau Host Mapping, User Presence, Waitlist, Web Cart Document, Work Order, Work Plan, Work Plan Template, Work Stop Template, Work Type, Work Type Group, Appointment, Billing details and feedback, Customer Detail, and Service record. Each object has two columns for sharing settings: 'Public Read/Write' and 'Private'. The 'Public Read/Write' column is set to 'Public Read/Write' for most objects, while the 'Private' column is set to 'Private'. The 'Service record' object has 'Public Read/Write' set to 'Public Read/Write' and 'Private' set to 'Private'. Below the table, there are checkboxes for 'Standard Report Visibility', 'Manual User Record Sharing', 'Manager Groups', 'Secure guest user record access', and 'Require permission to view record names in lookup fields'. The 'Standard Report Visibility' checkbox is checked, and the 'Manual User Record Sharing' checkbox is unchecked. The 'Manager Groups' checkbox is checked, and the 'Secure guest user record access' checkbox is unchecked. The 'Require permission to view record names in lookup fields' checkbox is unchecked. At the bottom of the page, there is a footer with copyright information and links to Privacy Statement, Security Statement, Terms of Use, and 508 Compliance.

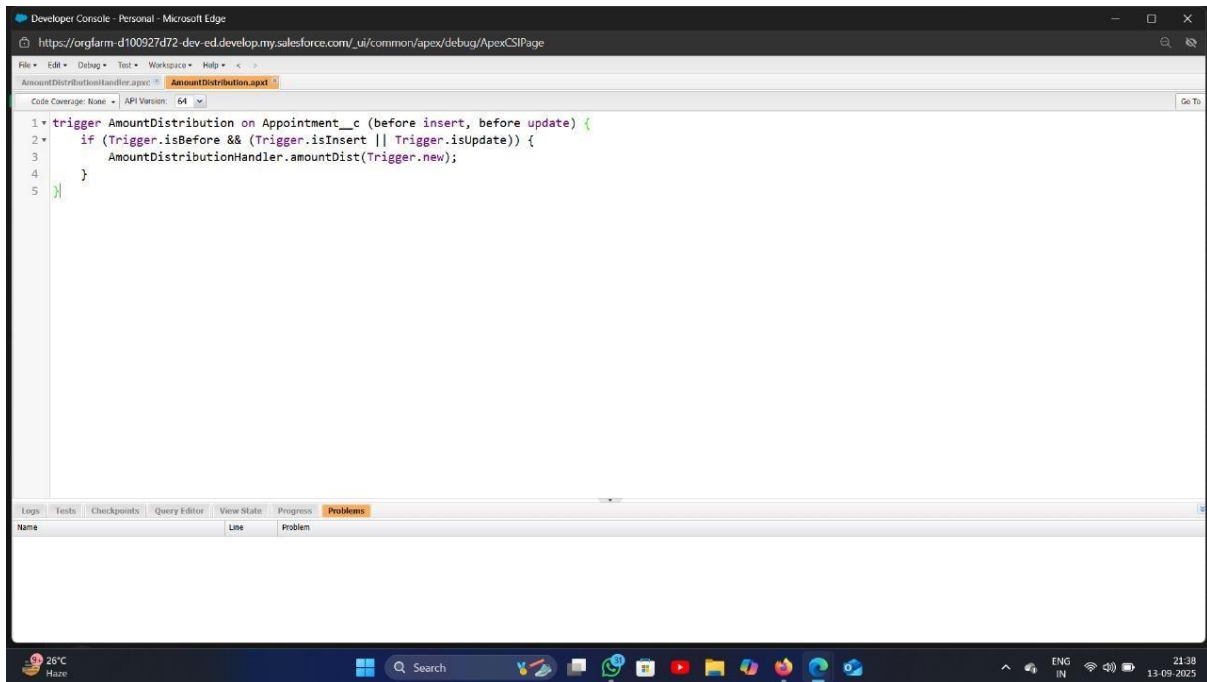
Object	Public Read/Write	Private
Service Appointment	Public Read/Write	Private
Service Appointment Attendee	Private	Private
Service Contract	Private	Private
Service Resource	Public Read/Write	Private
Service Territory	Public Read/Write	Private
Shift	Private	Private
Shipment	Private	Private
Shipping Carrier	Public Read Only	Private
Shipping Carrier Method	Public Read Only	Private
Shipping Configuration Set	Public Read Only	Private
Streaming Channel	Public Read/Write	Private
Tableau Host Mapping	Public Read Only	Private
User Presence	Public Read Only	Private
Waitlist	Private	Private
Web Cart Document	Private	Private
Work Order	Private	Private
Work Plan	Private	Private
Work Plan Template	Private	Private
Work Stop Template	Private	Private
Work Type	Private	Private
Work Type Group	Public Read/Write	Private
Appointment	Public Read/Write	Private
Billing details and feedback	Public Read/Write	Private
Customer Detail	Public Read/Write	Private
Service record	Private	Private

Creating Flows



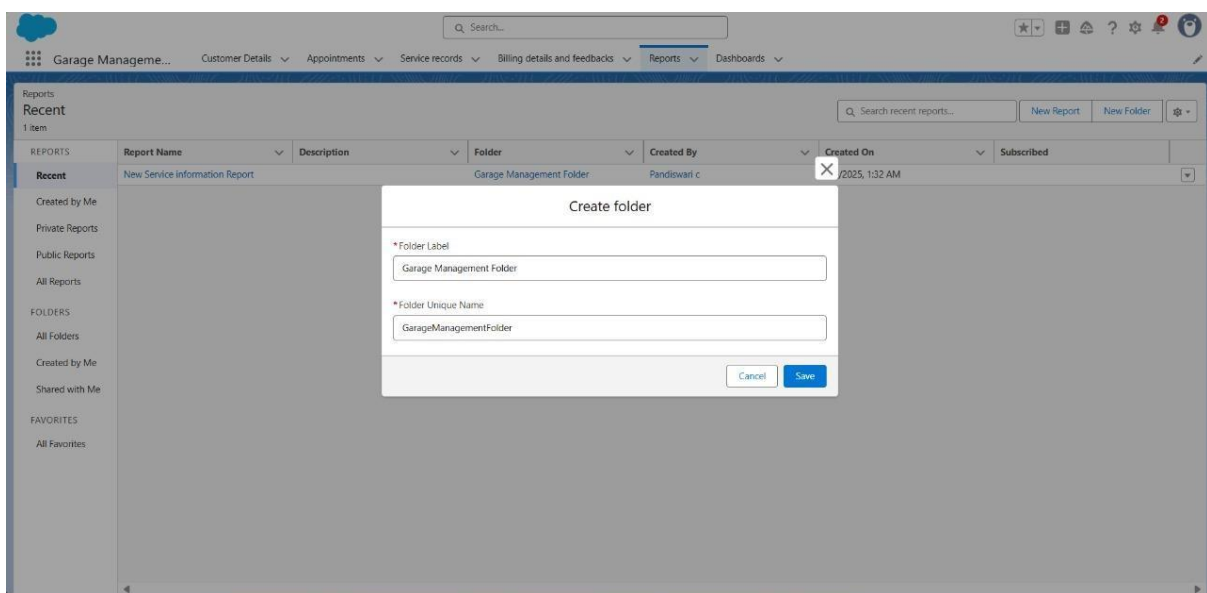
Creating and Apex Class “AmountDistributionHandler” , “AmountDistribution”.



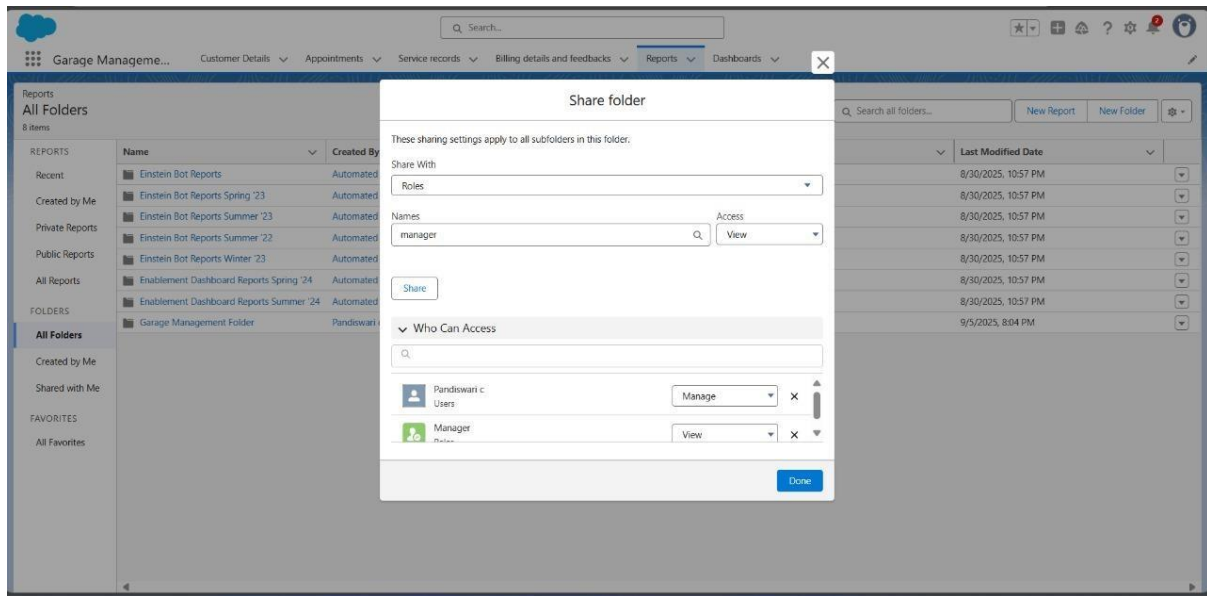


Reports

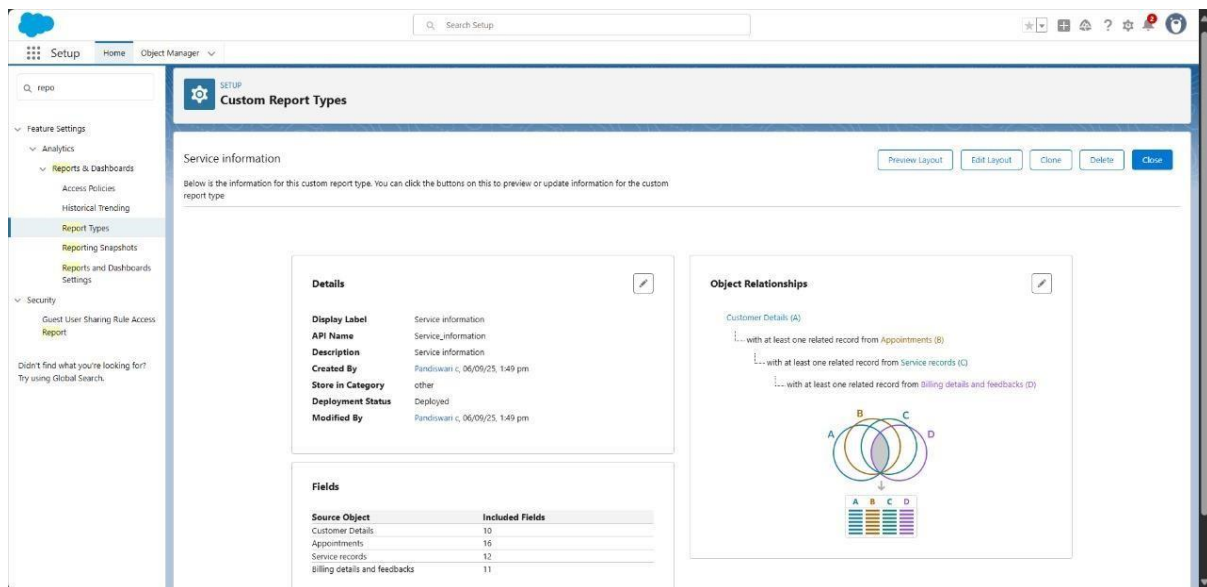
Creating a Report Folder



Sharing a Report Folder



Creating Report Type



Create Report

The screenshot shows the 'Save Report' dialog box in the Garage Management application. The dialog is titled 'Save Report' and contains the following fields:

- *Report Name:** New Service information Report
- Report Unique Name:** New_Service_information_Report_3k
- Report Description:** (Empty text area)
- Folder:** Garage Management Folder (with a 'Select Folder' button)

At the bottom of the dialog are 'Cancel' and 'Save' buttons. The background shows the 'New Service Information Report' form with a 'Service information' tab selected.

The screenshot shows the 'Recent' reports list in the Garage Management application. The table displays the following data:

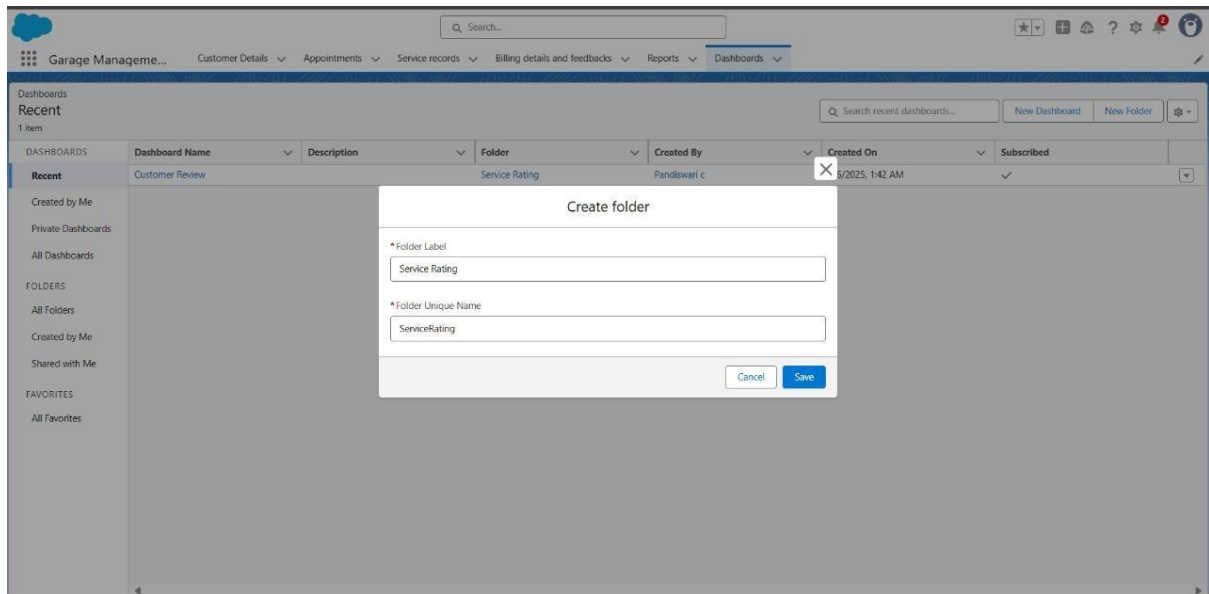
REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New Service information Report		Garage Management Folder	Pandiswari c	9/6/2025, 1:32 AM	

The left sidebar shows the following navigation options:

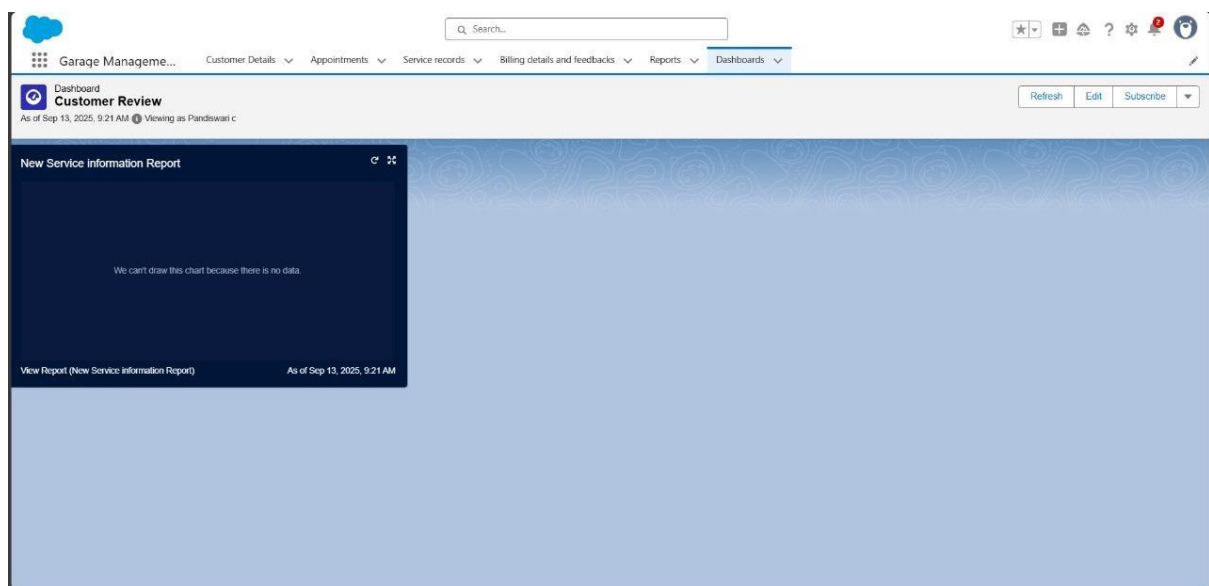
- REPORTS
 - Recent
 - Created by Me
 - Private Reports
 - Public Reports
 - All Reports
- FOLDERS
 - All Folders
 - Created by Me
 - Shared with Me
- FAVORITES
 - All Favorites

Dashboards

Creating Dashboard Folder



Create Dashboard



User adaption

Creating Records

The screenshot shows a modal window titled "Edit Mac" overlaid on a CRM interface. The modal contains the following fields and information:

- *Customer Details Name:** A text input field containing "Mac".
- Owner:** A dropdown menu showing "Pandiswari c".
- Phone number:** A text input field containing "5678765567".
- Gmail:** A text input field containing "mac@gmail.com".
- Created By:** A dropdown menu showing "Pandiswari c".
- Last Modified By:** A dropdown menu showing "Pandiswari c".
- Created Date:** "9/6/2025, 1:51 AM".
- Last Modified Date:** "9/6/2025, 1:51 AM".

At the bottom of the modal are three buttons: "Cancel", "Save & New", and "Save". A note at the top right of the modal says "* = Required Information".

The screenshot shows the "Mac" customer detail page in a CRM system. The page is divided into several sections:

- Related Details:** A table listing customer details with edit icons.
- Owner:** A dropdown menu showing "Pandiswari c".
- Created By:** A dropdown menu showing "Pandiswari c".
- Last Modified By:** A dropdown menu showing "Pandiswari c".
- Created Date:** "9/6/2025, 1:51 AM".
- Last Modified Date:** "9/6/2025, 1:51 AM".
- Activity:** A section on the right side of the page showing a list of activities. It includes filters for "All time", "All activities", and "All types". Below the filters, there is a section titled "Upcoming & Overdue" which currently shows "No activities to show. Get started by sending an email, scheduling a task, and more."

Garage Manage... Customer Details Appointments

Appointment app-017

Related Details

Appointment Name app-017

Customer Detail Mac

Customer Details Search Customer Details...

Maintenance service ☒

Repairs ☒

Replacement Parts ☐

*Appointment Date 9/1/2025

Service Amount \$5,000

*Vehicle number plate TS30EU0447

*Service record repair

Created By Pandiswari c. 9/6/2025, 3:18 AM

Owner Pandiswari c.

Appointment Name app-017

Customer Detail Mac

Customer Details Search Customer Details...

Maintenance service ☒

Repairs ☒

Replacement Parts ☐

*Appointment Date 9/1/2025

Service Amount \$5,000

*Vehicle number plate TS30EU0447

*Service record repair

Created By Pandiswari c. 9/6/2025, 3:18 AM

Last Modified By Pandiswari c. 9/6/2025, 3:18 AM

Cancel Save & New Save

Garage Manage... Customer Details Appointments Service records Billing details and feedbacks Reports Dashboards

Appointment app-017

Related Details

Appointment Name app-017

Customer Detail Mac

Customer Details Search Customer Details...

Maintenance service ☒

Repairs ☒

Replacement Parts ☐

Appointment Date 9/1/2025

Service Amount \$5,000

Vehicle number plate TS30EU0447

Service record repair

Created By Pandiswari c. 9/6/2025, 3:18 AM

Owner Pandiswari c.

Activity

Filters: All time • All activities • All types

Refresh Expand All View All

Upcoming & Overdue

No activities to show.

Get started by sending an email, scheduling a task, and more.

No past activity. Past meetings and tasks marked as done show up here.

Garage Manage... Customer Details Appointments Service records Billing details and feedbacks Reports Dashboards

Service record ser-012

Related Details

Service record Name ser-012

Appointment app-016

Quality Check Status ☐

*Service Status Started

Service date 9/6/2025

This field is calculated upon save

Customer Detail Search Customer Details...

Created By Pandiswari c. 9/6/2025, 3:24 AM

Owner Pandiswari c.

Service record Name ser-012

*Appointment app-016

Quality Check Status ☐

*Service Status Started

Service date 9/6/2025

This field is calculated upon save

Customer Detail Search Customer Details...

Created By Pandiswari c. 9/6/2025, 3:24 AM

Last Modified By Pandiswari c. 9/6/2025, 3:24 AM

Cancel Save & New Save

Garage Managem...

Customer Details

Appointments

Service records

Billing details and feedbacks

Reports

Dashboards

Q Search...

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⚙️

🔔

👤

Service record

ser-012

New Contact

Edit

New Opportunity

Related

Details

Service record Name

ser-012

Owner

👤

Pandiswanji C

Appointment

app-016

Quality Check Status

Service Status

Started

service date

9/6/2025

Customer Detail

Created By

👤

Pandiswanji C

9/6/2025, 3:24 AM

Last Modified By

👤

Pandiswanji C

9/6/2025, 3:24 AM

Activity

📅

📋

📧

📞

Filters: All time • All activities • All types

Refresh • Expand All • View All

Upcoming & Overdue

No activities to show.

Get started by sending an email, scheduling a task, and more.

No past activity. Past meetings and tasks marked as done show up here.

ADVANTAGES AND DISADVANTAGES **Advantages:**

- Automates garage operations, saving time
- Keeps customer and vehicle records organized
- Improves service tracking and job assignment
- Generates quick and accurate bills
- Helps manage spare parts inventory efficiently
- Provides reports for better decision-making.

Disadvantages:

- Initial setup cost may be high
- Requires basic computer knowledge to operate
- System failure or bugs can interrupt work
- Data security is needed to protect customer information
- Regular updates and maintenance are required

CONCLUSION

The Garage Management System is a useful tool that helps automate and simplify the daily operations of a vehicle service center. It improves efficiency, reduces manual work, and ensures accurate tracking of services, inventory, and billing. Despite some initial setup and training needs, it offers long-term benefits in managing the garage smoothly and professionally.

APPENDIX

Source Code 1 :

```
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;  
    }  
  
    }  
    }  
}
```

Code 2:

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

 if(trigger.isbefore && trigger.isinsert ||
 trigger.isupdate){

 AmountDistributionHandler.amountDist(trigger.
 new);

 }

}