

GARAGE MANAGEMENT SYSTEM

COLLEGE: KG college of Arts and Science

TEAM ID: NM2025TMID23776

TEAM SIZE: 4

TEAM MEMBERS:

Team LeaderName: ARCHANA C

Email: 2326kb05@kgcas.com

Team Member1: AYYAPPA K

Email: 2326kb06@kgcas.com

Team Member2: BALACHANDAR M

Email: 2326kb07@kgcas.com

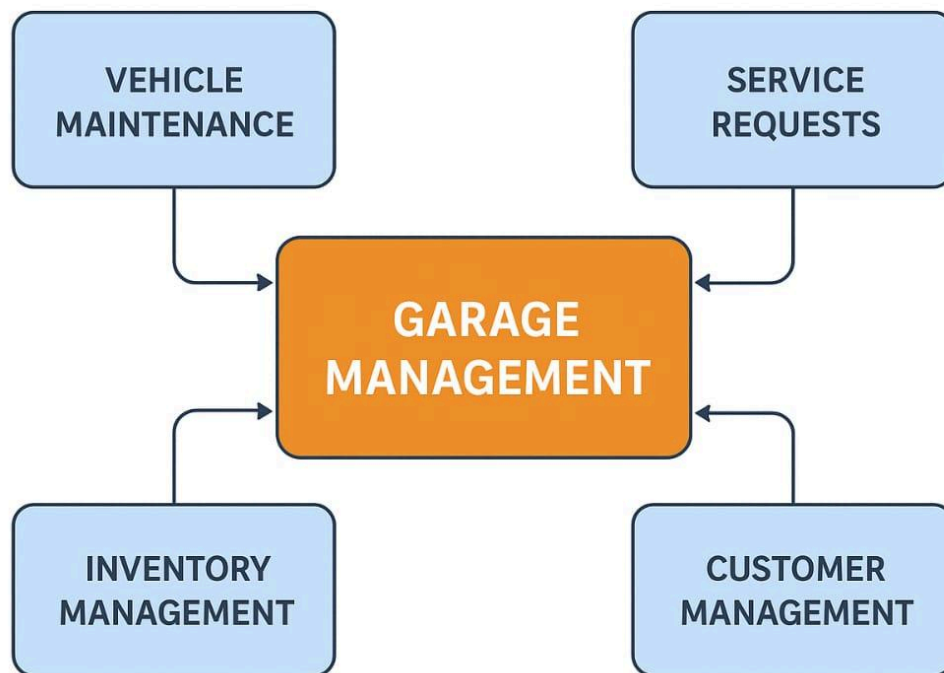
Team Member3: BLESSY VIVILIYA B

Email: 2326kb08@kgcas.com

1.INTRODUCTION

➤ Project Overview

Garage Management System is a Salesforce-based project that automates and simplifies vehicle garage operations. It manages customer details, vehicle records, service bookings, and billing efficiently. Using Salesforce tools like custom objects and flows, it improves service quality and reduces manual work.



➤ Purpose

- The objective of the project is to automate and streamline garage operations using Salesforce.
- It aims to manage customer, vehicle, and service data efficiently in one platform.
- It enhances customer satisfaction through faster and more organized processes.
- Overall, it demonstrates how Salesforce can support industry-specific business needs.

2.Requirement and analysis

➤ Functional Requirements:

1. User Login & Authentication

- Only authorized users (admin, staff) can access the system.

2. Customer & Vehicle Management

- Add, update, view, and delete customer and vehicle details.

3. Service Booking Module

- Book service appointments, assign mechanics, and track service progress.

4. Inventory Management

- Track availability of spare parts and update stock levels.

5. Billing & Invoicing

- Generate service bills automatically and record payments.

6. Service History Tracking

- Maintain records of past services for each customer/vehicle.

7. Admin Panel

- Admin can manage users, assign roles, and monitor system usage.

➤ **Non-Functional Requirements:**

1. **Usability**

- The system should be user-friendly with a simple and clean interface.

2. **Performance**

- The system should load pages and process service requests quickly.

3. **Scalability**

- Should support future enhancements like SMS reminders or mobile access.

4. **Reliability**

- The system must function correctly under normal and high load conditions.

5. **Security**

- Data should be protected through secure login, user roles, and Salesforce's built-in security features.

6. Accessibility

- Since it's cloud-based, the system should be accessible anytime, from any device with internet access.

3. Technical Requirements

1. Platform Requirements:

- **Salesforce CRM** – Core platform used for development.
- **Salesforce Lightning Experience** – For a modern, user-friendly interface.
- **Salesforce Developer Edition** – Used for building and testing the application.

2. Tools and Technologies:

- **Custom Objects & Fields** – For storing customer, vehicle, service, and inventory data.
- **Process Builder / Flows** – To automate workflows like service booking and notifications.
- **Apex Code** – For custom business logic (if needed).
- **Lightning App Builder** – For designing custom pages and interfaces.
- **Validation Rules** – To ensure data accuracy and consistency.

3. System Requirements (for access):

- **Web Browser:** Google Chrome, Mozilla Firefox, or Microsoft Edge (latest versions recommended)
- **Internet Connection:** Stable broadband or Wi-Fi for accessing the cloud platform
- **Device:** PC, Laptop, or Mobile with internet access (for cloud accessibility)

4. User Roles & Access Control:

- **Admin:** Full access to manage users, data, and settings
- **Staff/User:** Limited access to manage service bookings, billing, and customer data

➤ **Analysis summary**


The project analyzes common problems in traditional garage operations like manual errors, poor tracking, and delayed billing. It identifies the need for a centralized, automated system to manage services, customers, and inventory efficiently. Salesforce is chosen for its cloud-based tools, automation features, and scalability. The solution improves accuracy, speeds up service delivery, and enhances customer satisfaction.

4.DEVELOPMENT PHASE

Creating Developer Account:

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


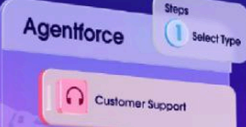
salesforce.com/form/developer-signup/?d=pb



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: Amaraadi ✓ Last name: Aswini ✓

Job title: Student ✓ Work email: aswiniamaraadi15@gmail.com ✓

Company: Ideal Institute of Tech ✓ Country/Region: India ✓

Your org may be provisioned on or migrated to Hyperforce, Salesforce's public cloud infrastructure.

☐ 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 65 days.

We value your privacy. To learn more, visit our [Privacy Statement](#).

- Creation of objects: Customer details, Appointment, Service request, Billing and invoicing.

Setup | Home | Object Manager

Search Setup

Customer Detail

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

Details

Description

API Name: Customer_Detail__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

Edit Delete



Search Setup



SetupHomeObject Manager

SETUP > OBJECT MANAGER

Appointment

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Scoping Rules

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

EditDelete



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

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

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

Details

Description

API Name
Billing_details_and_feedback_c

Custom
✓

Singular Label
Billing details and feedback

Plural Label
Billing details and feedbacks

Enable Reports
✓

Track Activities

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

- Configured fields and relationships

Setup > OBJECT MANAGER

Customer Detail

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

Fields & Relationships

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		

Setup

Home

Object Manager

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

Fields & Relationships

11 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)		✓
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

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

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
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 record Name	Name	Auto Number		✓
Service Status	Service_Status__c	Picklist		

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER

Billing details and feedback

Details

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
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)		✓

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

- Developed Lightning App with relevant tabs

Search Setup

New Lightning App

App Options

Navigation and Form Factor

Navigation Style

- ☒ Standard navigation
- ☐ Console navigation

Supported Form Factors

- ☒ Desktop and phone
- ☐ Desktop
- ☐ Phone

Setup and Personalization

Setup Experience

- ☒ Setup (Full set of Setup options)
- ☐ Service Setup

App Personalization Settings

- ☐ Disable end user personalization of app items in this app
- ☐ Disable temporary tabs for items outside of this app

Back

Next

Setup

22/09/2023, 12:08 pm Lightning

22/09/2023, 12:08 pm Classic

Lightning App BuilderApp SettingsPagesGarage Management ApplicationHelp

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

App Details & Branding

App Details

App Branding

App Launcher Preview

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 ⓘ

#0070D2

Org Theme Options

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

App Launcher Preview

GM

Garage Management Appli...

- Implemented validation rules

Setup

Home

Object Manager

Search Setup

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

Validation Rules

1 Items, Sorted by Rule Name

New

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Vehicle	Vehicle number plate	Please enter valid number	✓	Archana C, 9/12/2025, 1:12 AM

Setup

Home

Object Manager

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

Validation Rules

1 Items, Sorted by Rule Name

New

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	✓	Archana C, 9/12/2025, 1:15 AM

● Creation of profiles

	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Data Manager (standard__DataManager)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			(standard__ServiceConsole)	<input type="checkbox"/>
Digital Experiences (standard__SalesforceCMS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			Service (standard__Service)	<input checked="" type="checkbox"/>
Garage Management Application (Garage_Management_Application)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			Service Console (standard__LightningService)	<input checked="" type="checkbox"/>
Laptop Hub (Laptop_Hub)	<input type="checkbox"/>	<input type="checkbox"/>			Site.com (standard__Sites)	<input checked="" type="checkbox"/>
					Subscription Management (standard__RevenueCloudConsole)	<input checked="" type="checkbox"/>

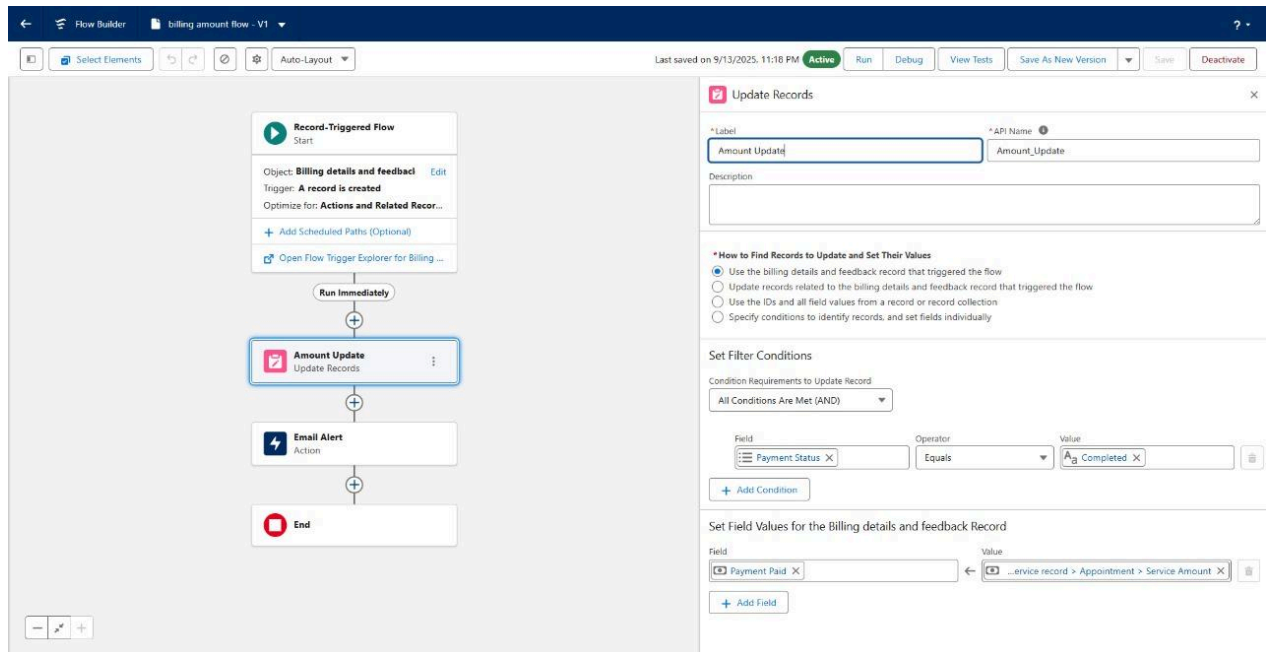
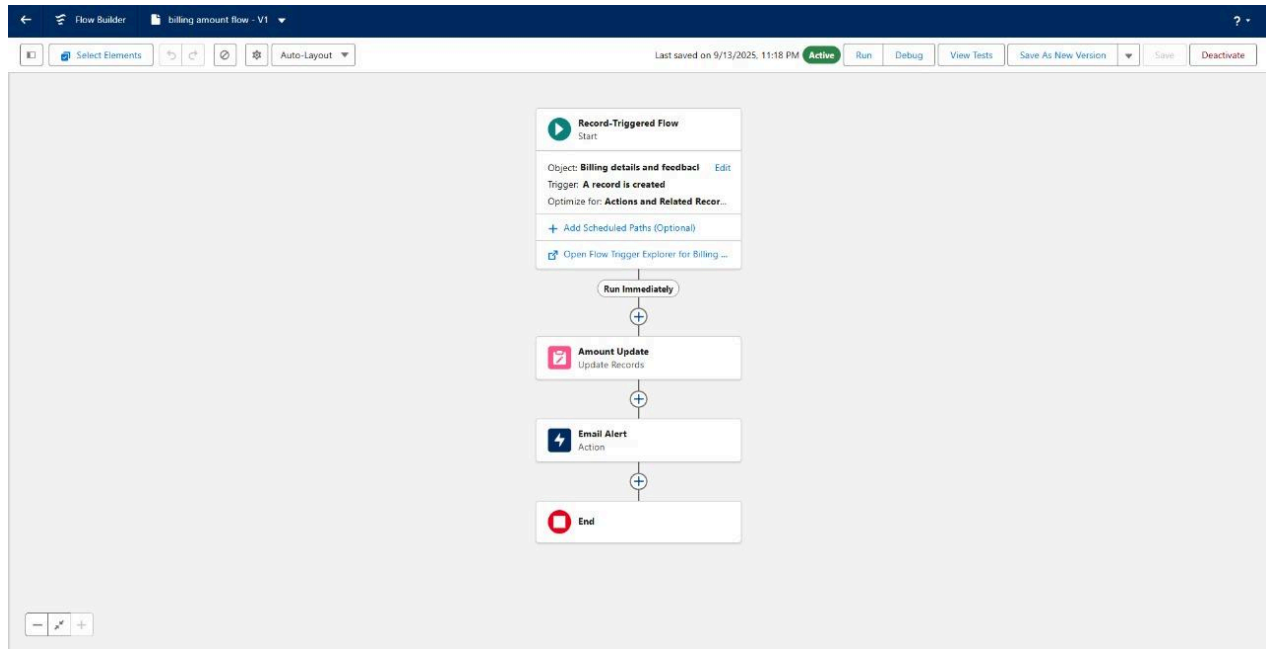
Custom Object Permissions													
	Basic Access				Data Administration			Basic Access				Data Administration	
	Read	Create	Edit	Delete	View All	Modify All		Read	Create	Edit	Delete	View All	Modify All
Appointments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Laptops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Billing details and feedback	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Service records	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Customer Details	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SessionData	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							

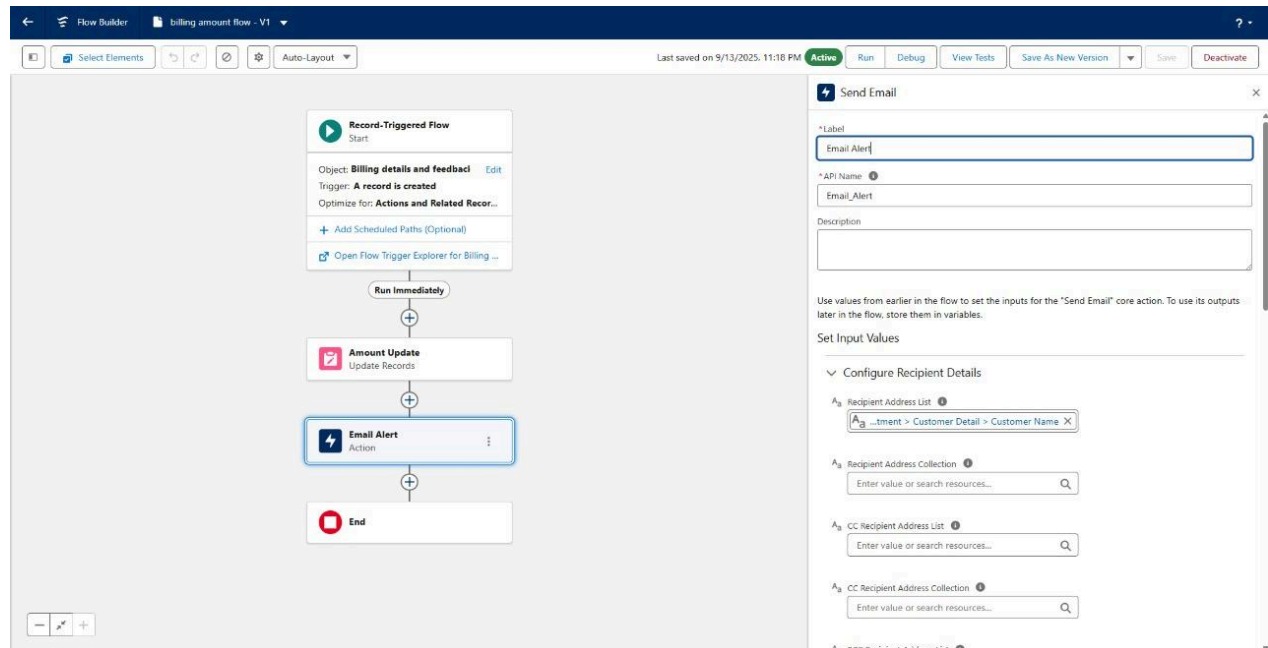
The screenshot shows the 'New User' setup page in Salesforce. The left sidebar contains a navigation menu with categories like Users, Feature Settings, User Interface, and Console Settings. The main content area is titled 'New User' and includes a 'User Edit' section with 'General Information' and a list of roles and permissions. The 'General Information' section includes fields for First Name, Last Name, Alias, Email, Username, Nickname, Title, Company, Department, and Division. The roles and permissions section includes checkboxes for various user types and permissions, such as 'Marketing User', 'Offline User', 'Knowledge User', 'Flow User', 'Service Cloud User', 'Site.com Contributor User', 'Site.com Publisher User', 'WDC User', 'Data.com User Type', 'Data.com Monthly Addition Limit', 'Accessibility Mode (Classic Only)', 'High-Contrast Palette on Charts', 'Load Lightning Pages While Scrolling', 'Debug Mode', 'Quick Access Menu', 'Salesforce CRM Content User', 'Receive Salesforce CRM Content Email Alerts', and 'Receive Salesforce CRM Content Alerts as Daily Digest'.

● Creation of public groups

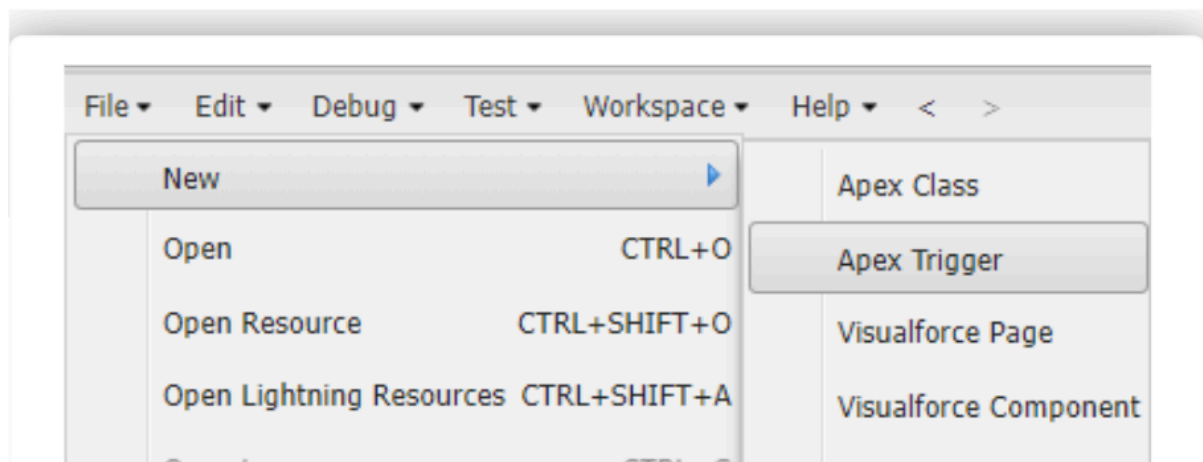
The screenshot shows the 'Public Groups' setup page in Salesforce. The left sidebar contains a navigation menu with categories like Users, Feature Settings, Company Settings, and Public Calendars and Resources. The main content area is titled 'Public Groups' and includes a 'Group' section with 'sales team' and a list of users. The 'Group' section includes fields for Label, Group Name, Grant Access Using Hierarchies, Description, Created By, and Modified By. The 'List of Users' section includes a table with columns for Name and Type, showing a single user named 'sales_person' with a Type of 'Role'.

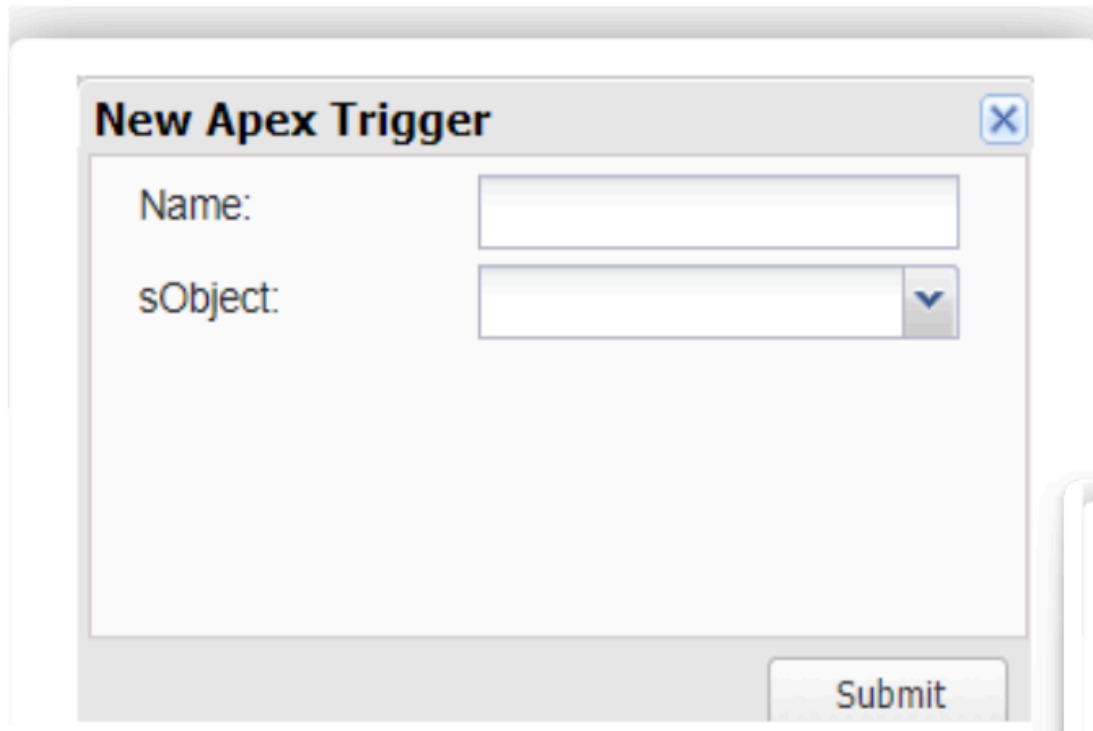
- Creation of flows





- Creation of triggers





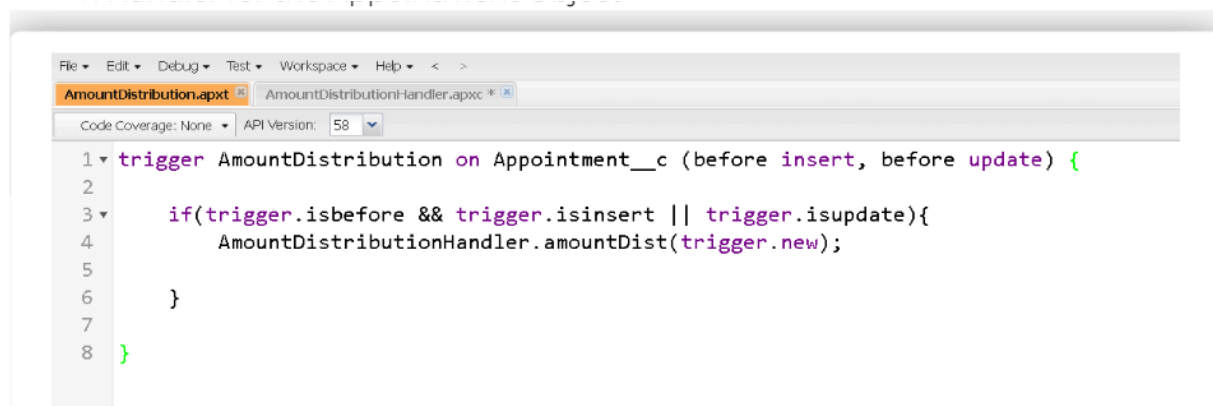
The image shows a 'New Apex Trigger' dialog box. It has a title bar with a close button (X). Inside, there are two labels: 'Name:' and 'sObject:'. The 'Name:' label is followed by a text input field. The 'sObject:' label is followed by a dropdown menu. At the bottom right of the dialog is a 'Submit' button.

New Apex Trigger

Name:

sObject: ▼

Submit



The image shows an Apex code editor window. The menu bar includes File, Edit, Debug, Test, Workspace, and Help. The toolbar shows 'Code Coverage: None' and 'API Version: 58'. The editor has two tabs: 'AmountDistribution.apxt' (active) and 'AmountDistributionHandler.apxc'. The code is as follows:

```
1 trigger AmountDistribution on Appointment__c (before insert, before update) {  
2  
3     if(trigger.isbefore && trigger.isinsert || trigger.isupdate){  
4         AmountDistributionHandler.amountDist(trigger.new);  
5     }  
6 }  
7  
8 }
```

- Report generation

Create folder

* Folder Label

Garage Management Folder

* Folder Unique Name

GarageManagementFolder

Cancel

Save

Step 2. Define Report Records Set

This report type will generate reports about Customer Details. You may define which related records from other objects are

A Customer Details

Primary Object

B Appointments

A to B Relationship:

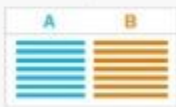
☒ Each "A" record must have at least one related "B" record.

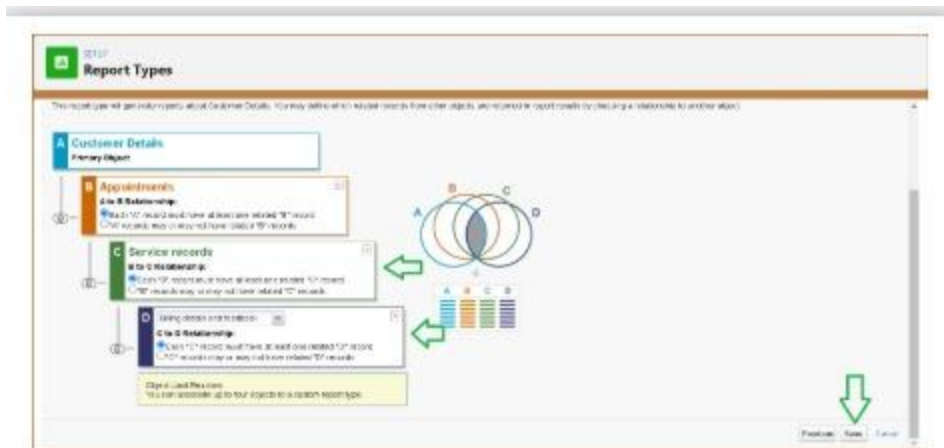
☐ "A" records may or may not have related "B" records.

(Click to relate another object)

A B







REPORT ▾
New Service information Report

Service information

Previewing a limited number of records. Run the report to see everything. Update Preview Automatically: ☒

Rating for service ▾ **Payment Status** ▾ **Completed** **Total**

4	Sum of Payment Paid Record Count	₹15,000 4	₹15,000 4
5	Sum of Payment Paid Record Count	₹5,000 2	₹5,000 2
Total	Sum of Payment Paid Record Count	₹20,000 6	₹20,000 6

Sum of Payment Paid

Rating for service

Details (6 Rows) Click an intersection in the table above to filter details.

	Customer Name	Appointment Date	Service Status	Payment Paid
1	meghana	11/10/2023	Completed	₹8,000
2	rushi	08/09/2023	Completed	₹3,000
3	shivam	12/10/2023	Completed	₹2,000
4	shivam	12/10/2023	Completed	₹2,000
5	rushi	08/09/2023	Completed	₹3,000

Row Counts ☒ Detail Rows ☒ Grand Total ☒ Stacked Summaries ☒ Conditional Formatting

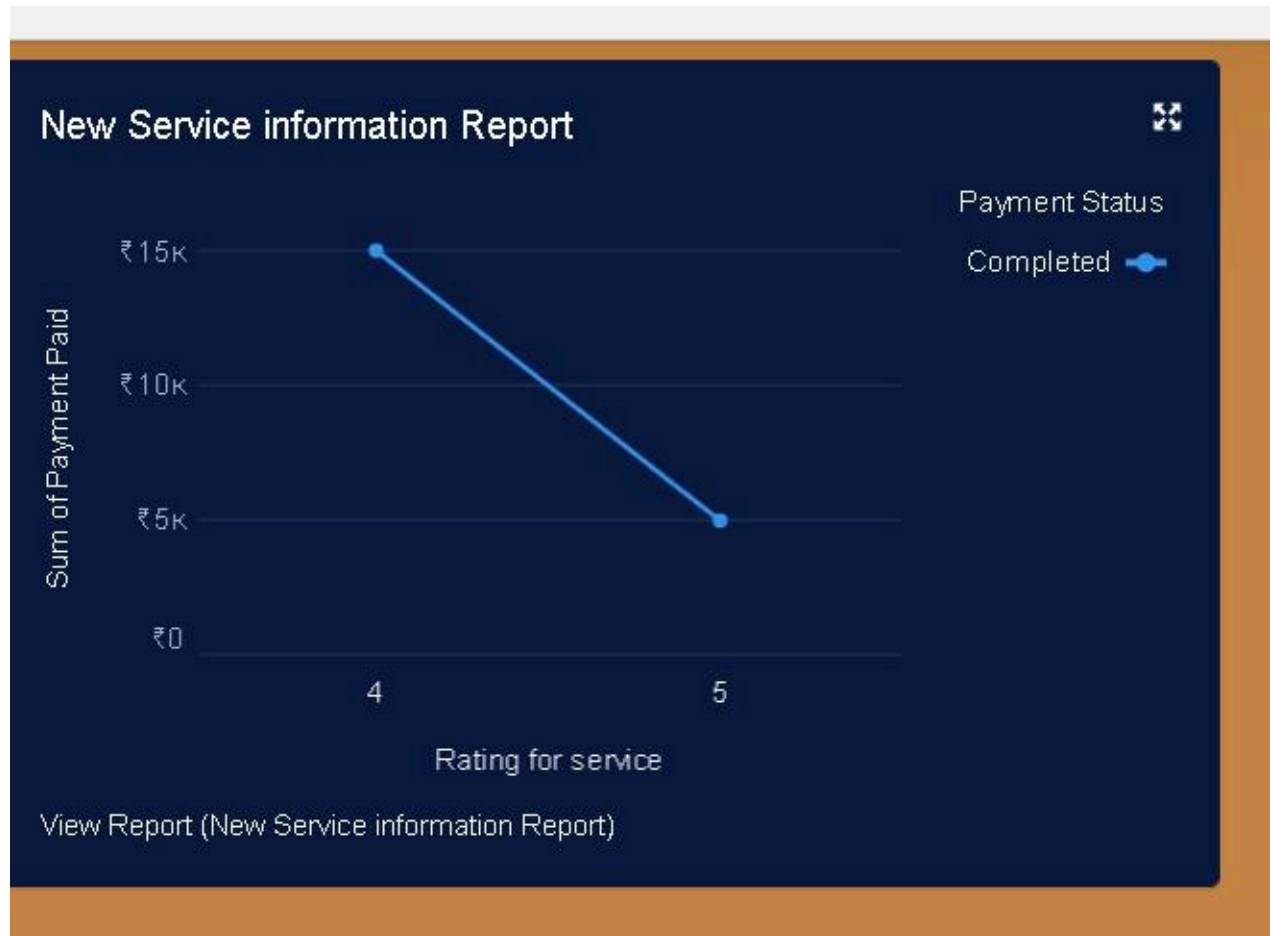
- Creation of dashboard folder

Create folder


* Folder Label

* Folder Unique Name

[Cancel](#) [Save](#)



• Creation of records



Garage Manageme...

Customer Details

Appointments

Service records

Billing details and feedbacks

Reports

Dashboards

Q Search...

★

+

🏠

?

⚙️

🔔

👤

Customer Detail

Arun Kumar

New ContactEditNew Opportunity

Related

Details

Customer Name

Arun Kumar

Phone number

124567890

Gmail

arunkumar@okok.com

Created By


Archana C. 9/13/2025, 11:22 AM

Owner

Archana C.

Last Modified By

Archana C. 9/13/2025, 11:22 AM



Garage Manageme...

Customer Details

Appointments

Service records

Billing details and feedbacks

Reports

Dashboards

Q Search...

★

+

🏠

?

⚙️

🔔

👤

Appointment

app-001

New ContactEditNew Opportunity

Related

Details

Appointment Name

app-001

Customer Detail

Arunkumar

Appointment Date

9/4/2025

Maintenance service

☒

Repairs

☒

Replacement Parts

☐

Service Amount

\$5,000

Vehicle number plate

TN45NN7876

Created By

Archana C. 9/13/2025, 11:25 AM

Owner

Archana C.

Last Modified By

Archana C. 9/13/2025, 11:25 AM

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

Service record ser-001

New Contact Edit New Opportunity

Related Details

Service record Name	ser-001	Owner	Archana C
Appointment	app-001		
Quality Check Status	<input checked="" type="checkbox"/>		
Service Status	Completed.		
service date	9/13/2025		
Created By	Archana C, 9/13/2025, 11:25 AM	Last Modified By	Archana C, 9/13/2025, 11:26 AM

5.Result

Output screenshot

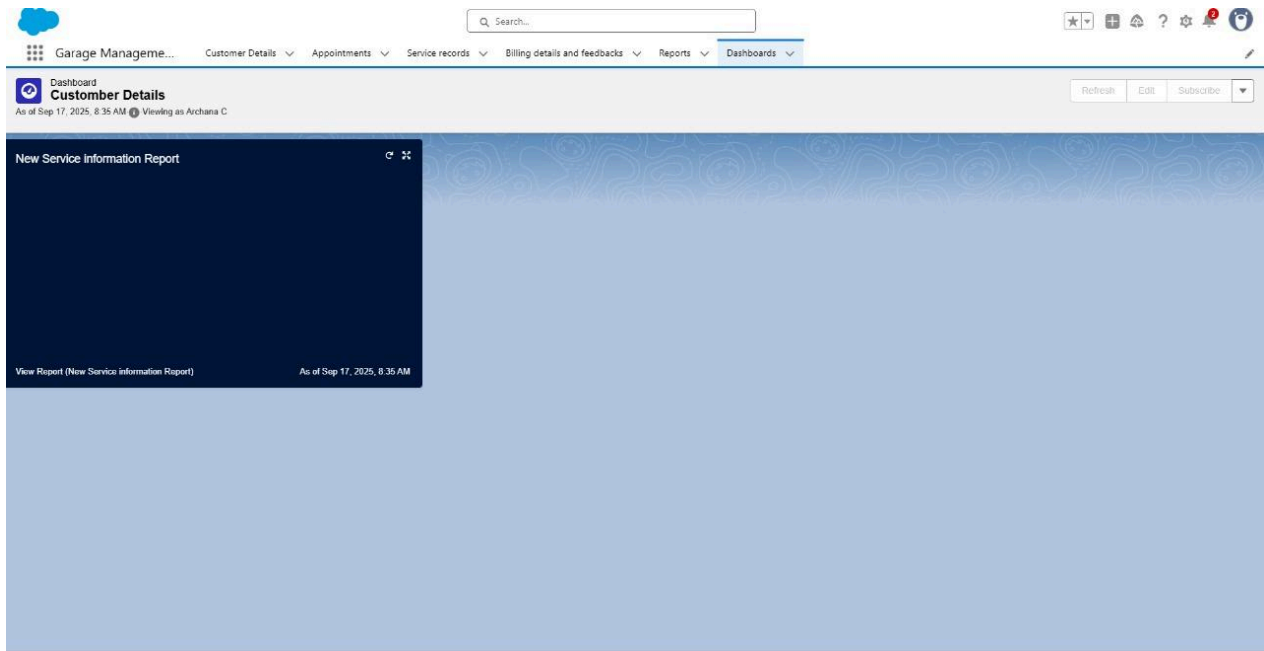
Garage Managememe... Customer Details Appointments Service records Billing details and feedbacks Reports Dashboards

Customer Detail Arun Kumar

New Contact Edit New Opportunity

Related Details

Customer Name	Arun Kumar	Owner	Archana C
Phone number	124567890		
Gmail	arunkumar@okok.com		
Created By	Archana C, 9/13/2025, 11:22 AM	Last Modified By	Archana C, 9/13/2025, 11:22 AM



6. Advantages

- **Automated Workflow:** Reduces manual tasks by automating service bookings, billing, and record-keeping.
- **Centralized Data:** All customer, vehicle, and service details are stored and managed in one place.
- **Improved Efficiency:** Faster processing of services, better tracking, and reduced human errors.
- **Real-Time Updates:** Track service status, inventory, and appointments in real-time.
- **Enhanced Customer Experience:** Quick service, accurate billing, and timely notifications improve customer satisfaction.

7. Disadvantages

- High Initial Setup Cost: Salesforce licensing and customization can be expensive for small garages.
- Requires Technical Knowledge: Users may need training to use and manage the system effectively.
- Internet Dependency: Being cloud-based, the system needs a stable internet connection.
- Customization Time: Customizing the platform to meet specific needs can take time and expertise.
- Data Security Concerns: Although Salesforce is secure, sensitive customer and vehicle data must be protected properly.

8. Conclusion

The Garage Management System simplifies and automates garage operations using Salesforce.

It improves efficiency, reduces manual work, and enhances customer service. Despite minor challenges, it offers a scalable and smart solution for modern garages.

9. Appendix

```
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 AmountDistribution on Appointment__c (before insert, before update) {
    if(trigger.isbefore && trigger.isinsert || trigger.isupdate){
        AmountDistributionHandler.amountDist(trigger.new);
    }
}

```