GARAGE MANAGEMENT SYSTEM

College Name: Government Arts College Coimbatore

College Code : bru0012

Team ID :NM2025TMID23424

TEAM LEADER NAME: **UTHRAN G S**

EMAIL: [uthiranuthiran22@gmail.com](mailto:uthiranuthiran22@gmail.com)

TEAM MEMBER: SHARAN M

EMAIL: [sharanmuthu00@gmail.com](mailto:sharanmuthu00@gmail.com)

TEAM MEMBER: ESWARA PANDIYAN C

EMAIL: [pandieswara74@gmail.com](mailto:pandieswara74@gmail.com)

TEAM MEMBER: SARATH KUMAR D

EMAIL: [dsk.sarathkumar2005@gmail.com](mailto:dsk.sarathkumar2005@gmail.com)

TEAM MEMBER: MANOJ M

EMAIL: [manojm071104@gmail.com](mailto:manojm071104@gmail.com)

INTRODUCTION

* 1. Project Overview

**Garage Management system**

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.

Billing and feedback

Customer Details

Garage Management System

Appointment

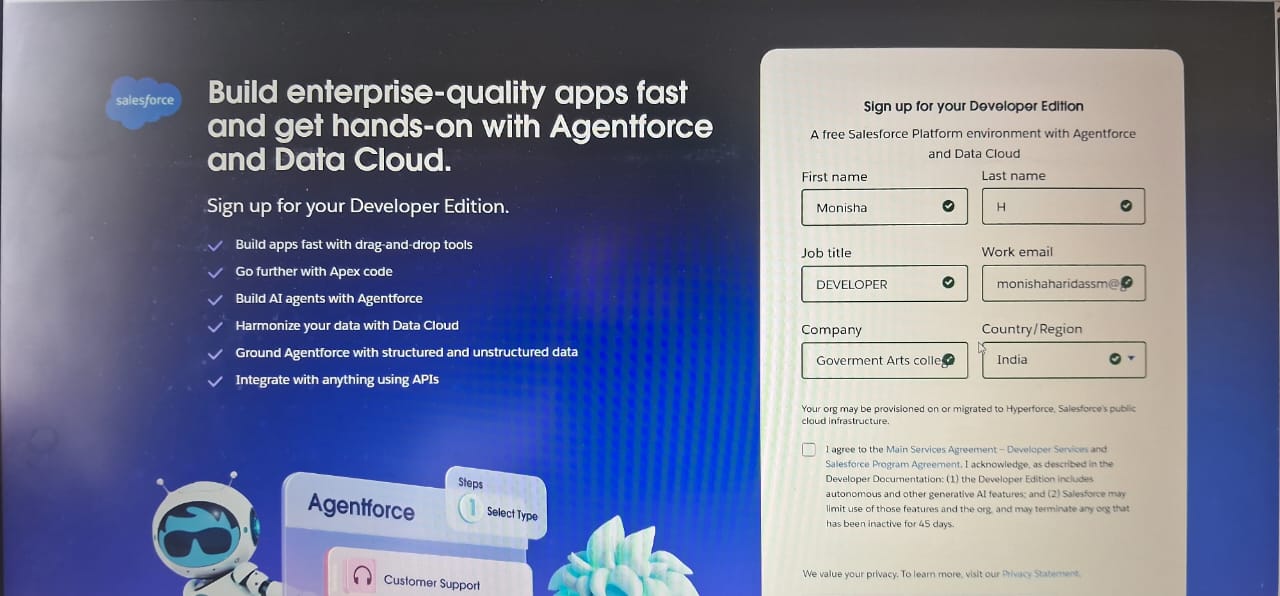
Service Records

aaaaaa

1.2 DEVELOPMENT PHASE

* Creating developer Account:

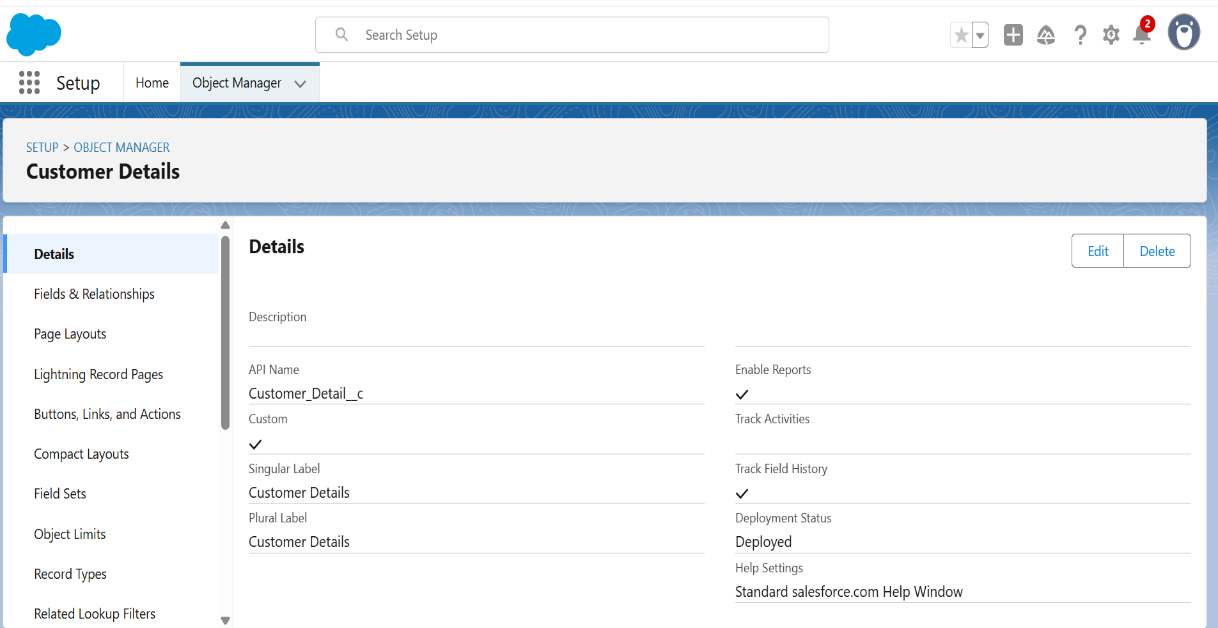
By using this URL - <https://developer.salesforce.com/signup>



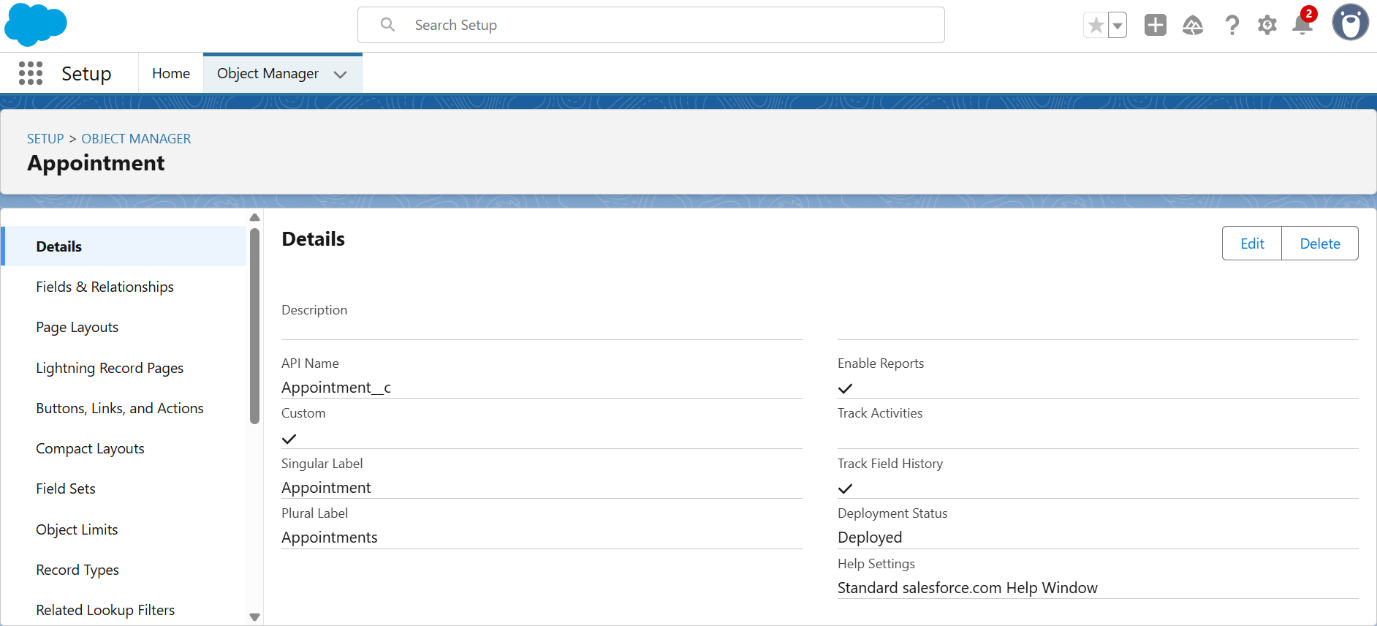
* 1. Creating Objects

1. **Customer Details**
2. **Appointment**
3. **Service Records**
4. **Billing and Feedback**

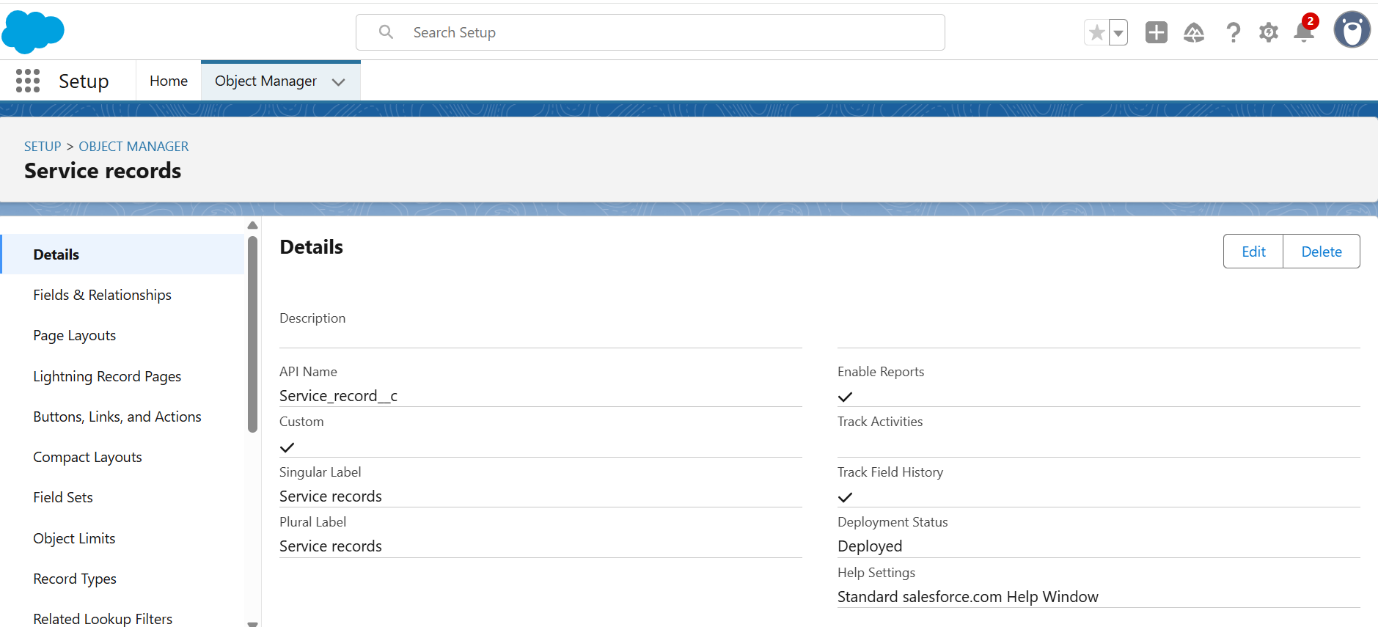
**1.Customer object**

****

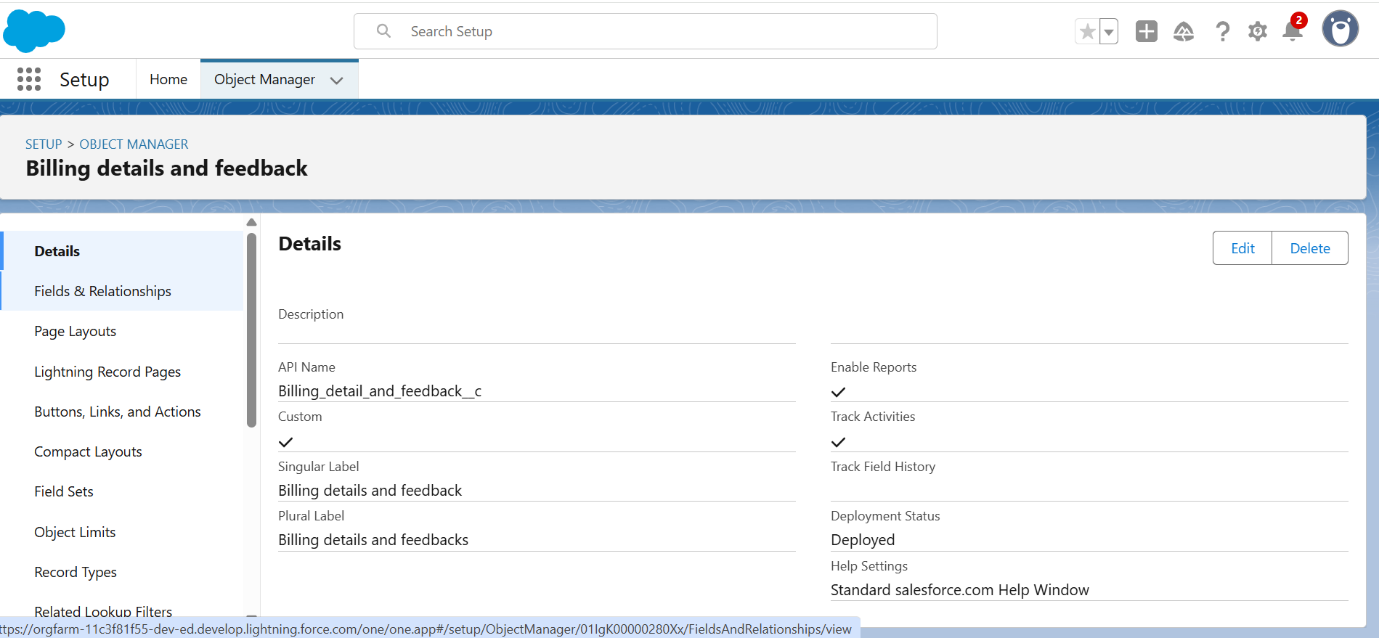
1. **Appointment object**



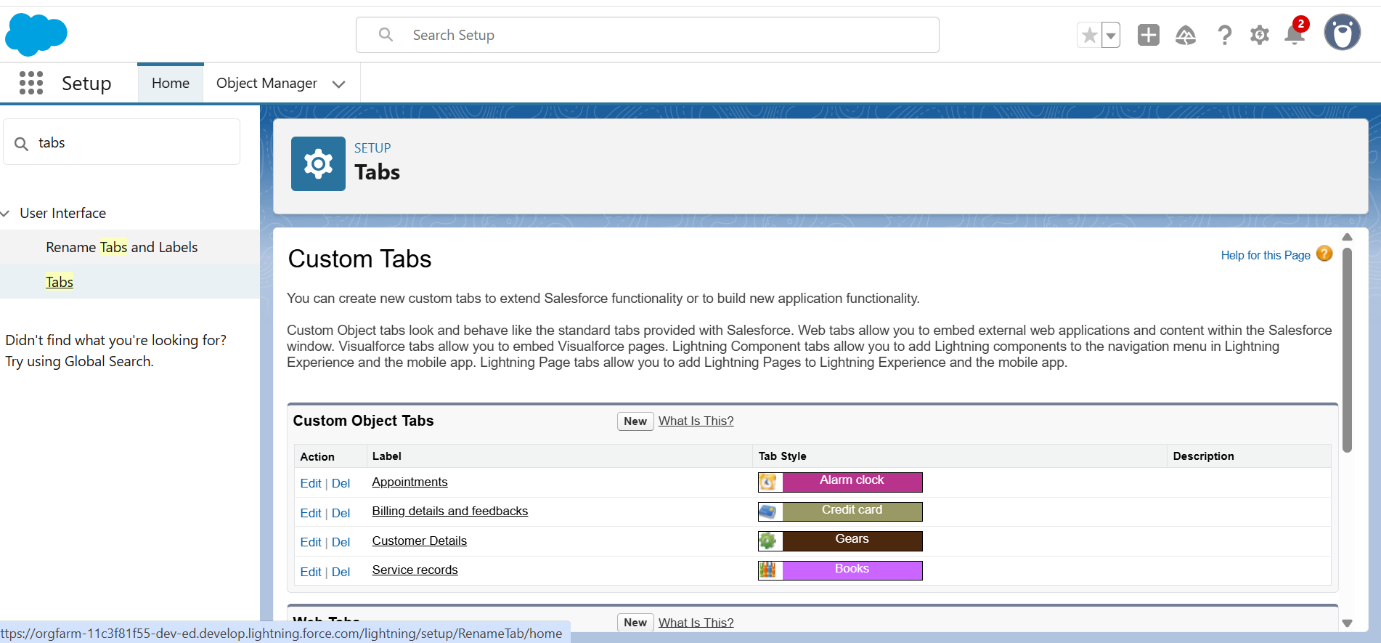
1. Service Record Object



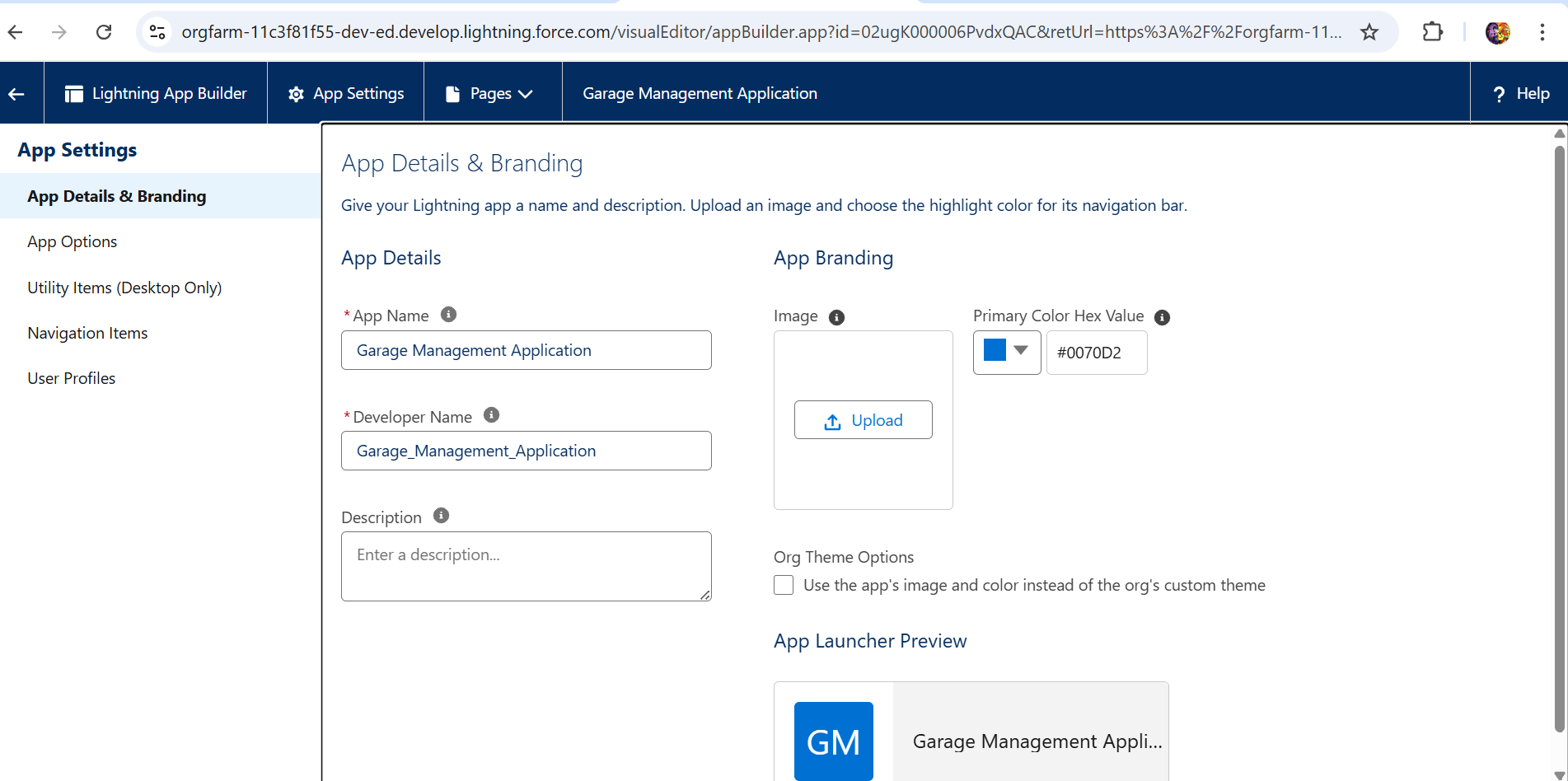
1. Billing and Feedback Object



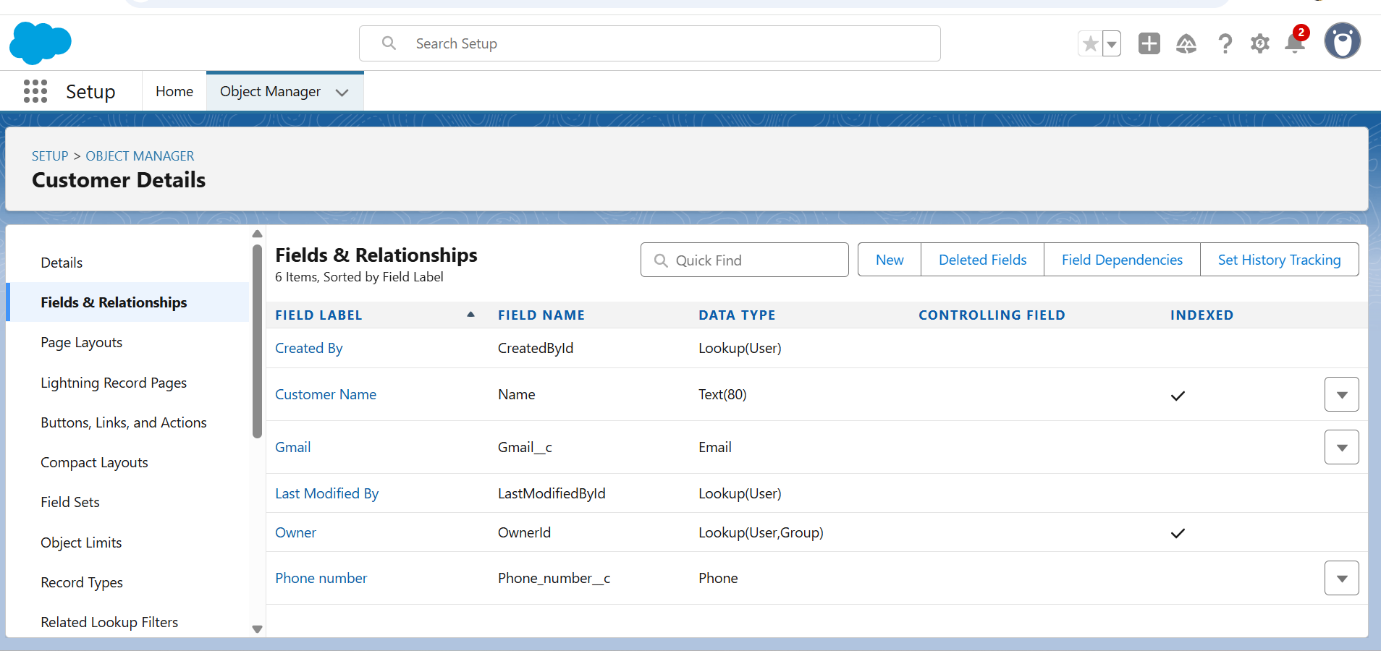
1.3 CREATING CUSTOM TABS

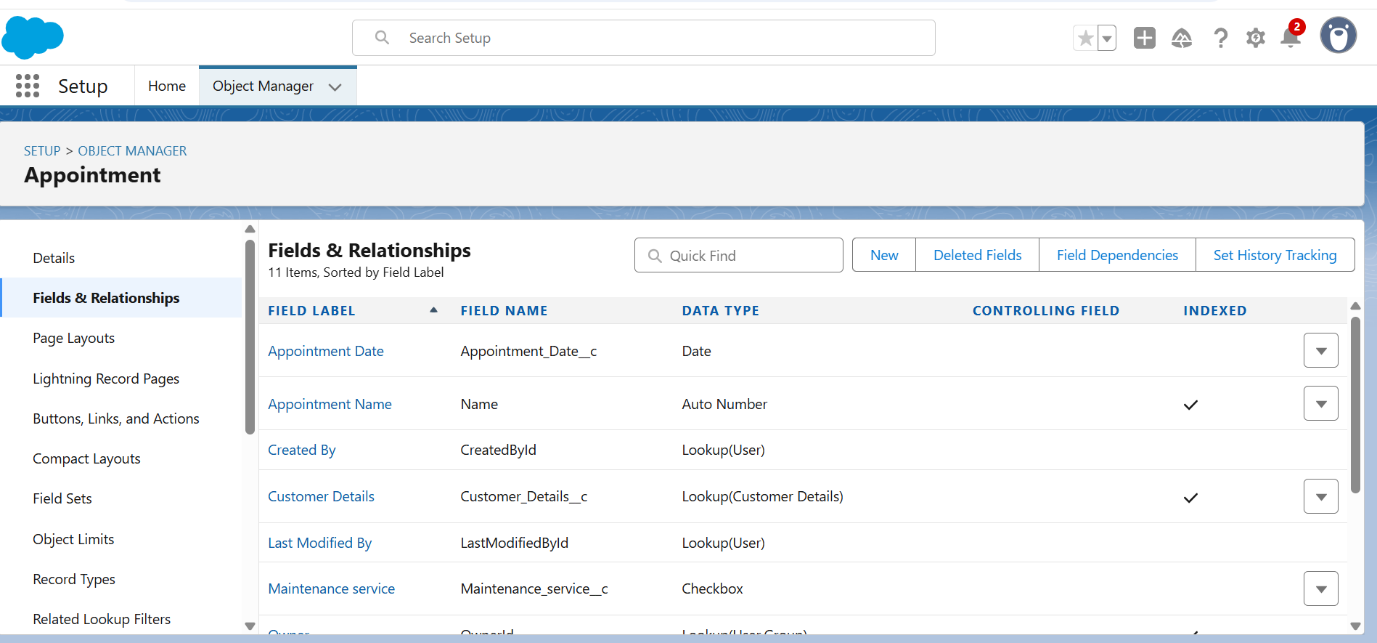


1.3 CREATING LIGHTNING APP

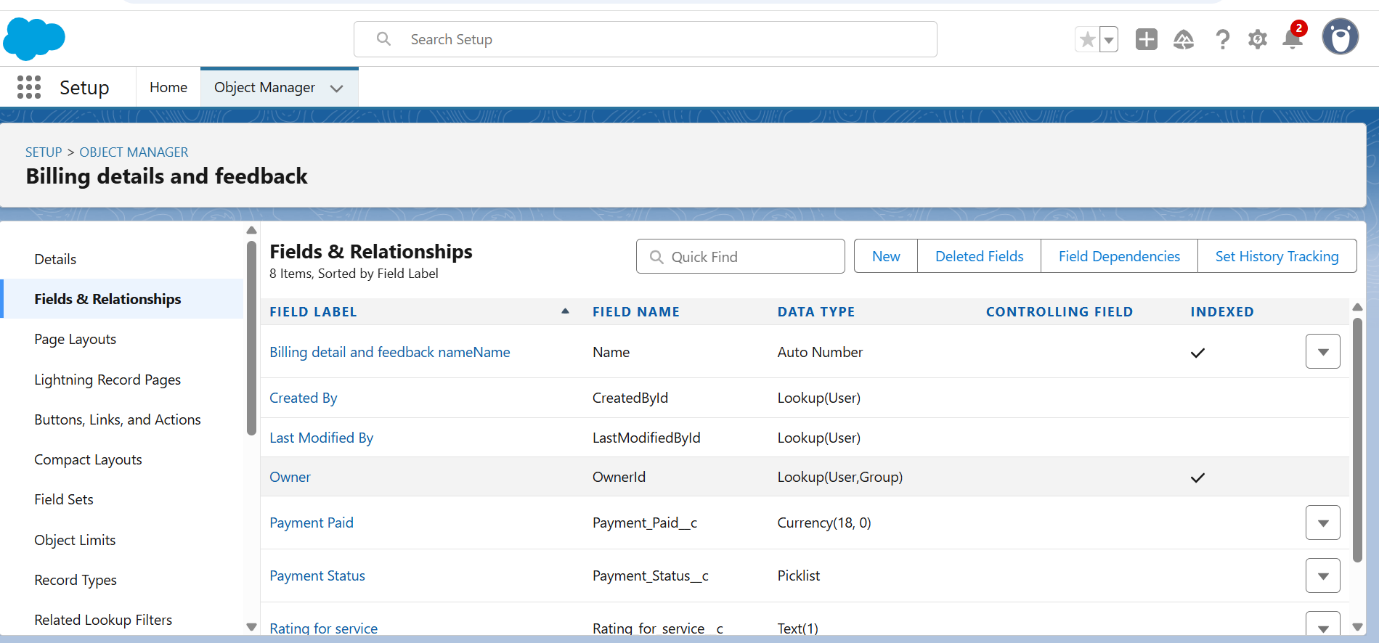


1.4 Configuring fields and relationships

* 

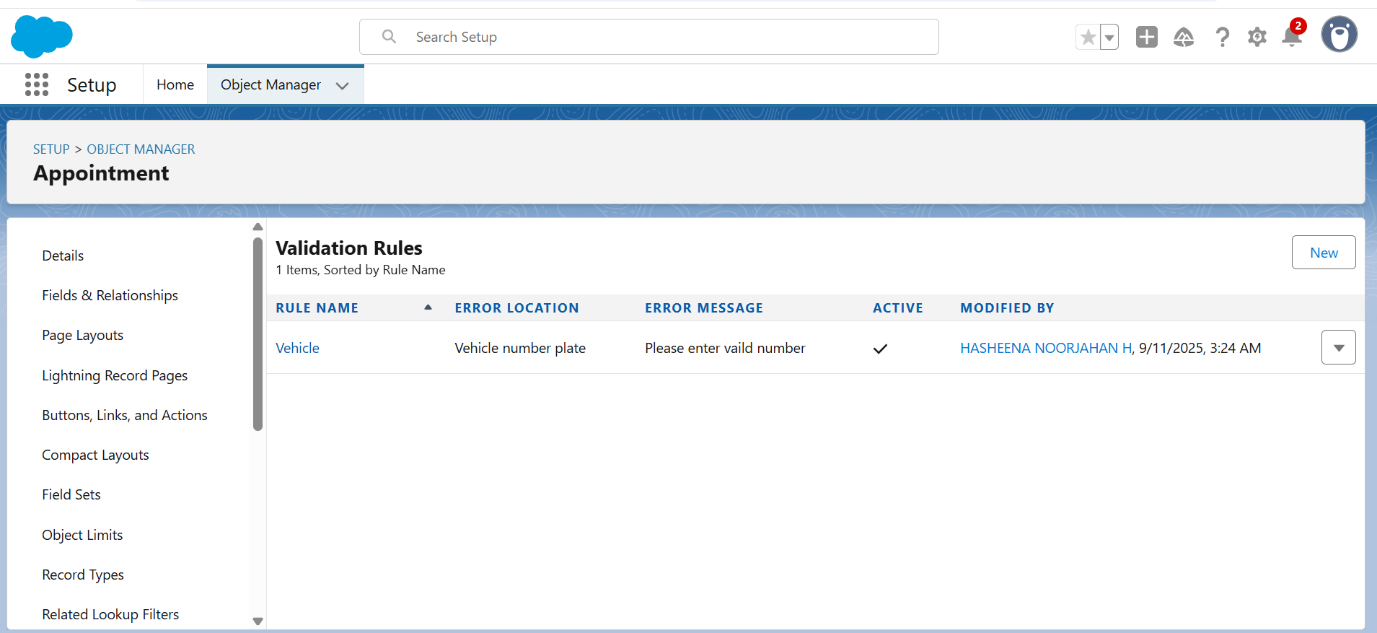




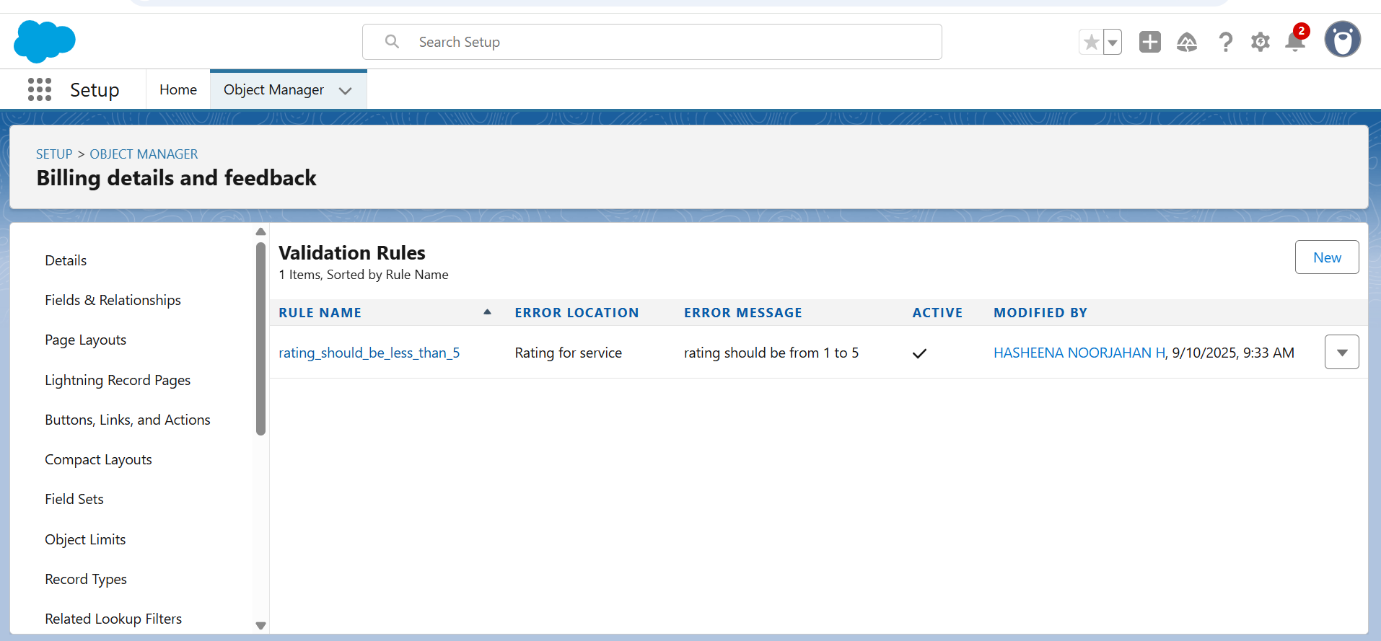


1.5 **To create a validation rule**

* **To an Appointment Object**

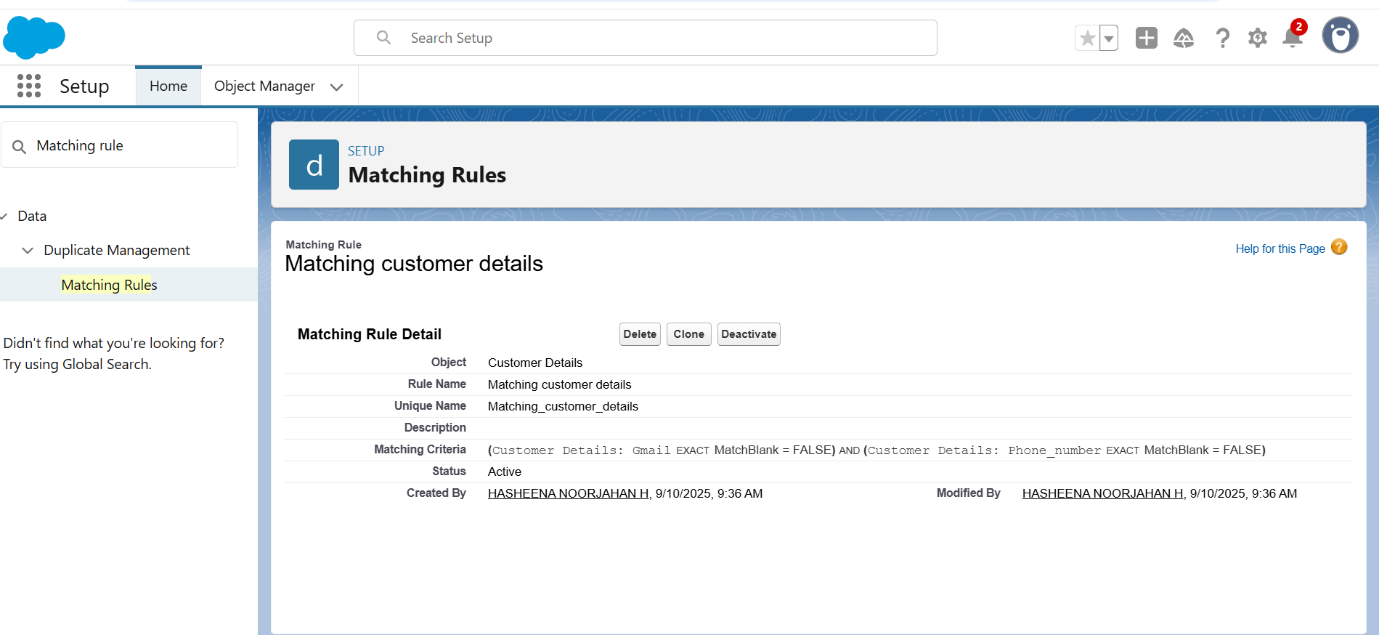
****

* **To an Billing and feedback Object**

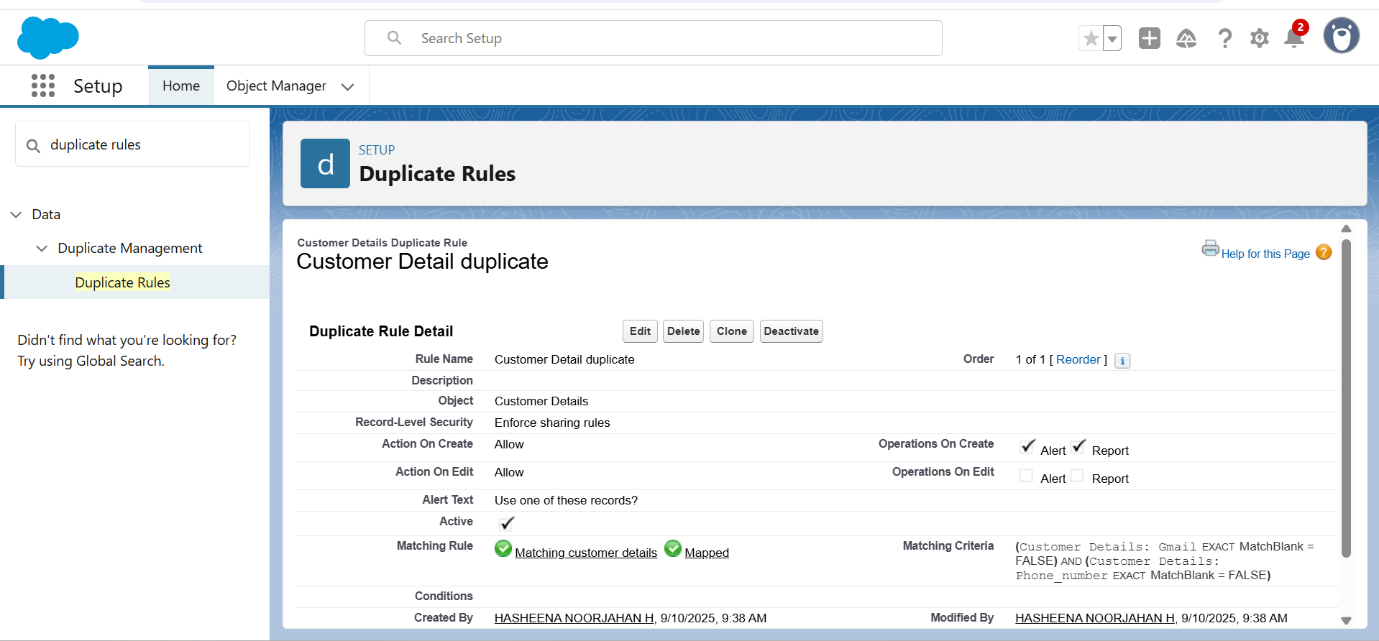
****

**1.6 DUPLICATE RULE**

* ***To create a matching rule to an Customer details Object***

******

* ***To create a Duplicate rule to an Customer details Object***

******

**1.7 PROFILES**

* ***Creating Manager Profile***

***A screenshot of a computer

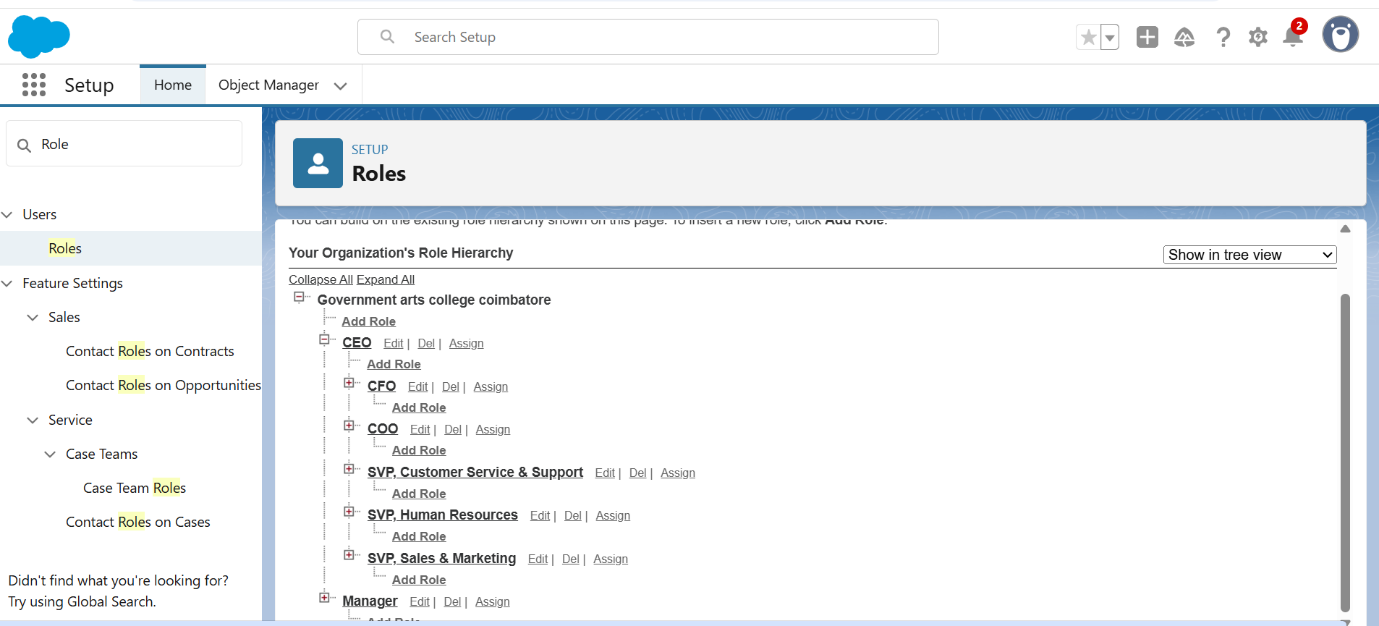
AI-generated content may be incorrect.***

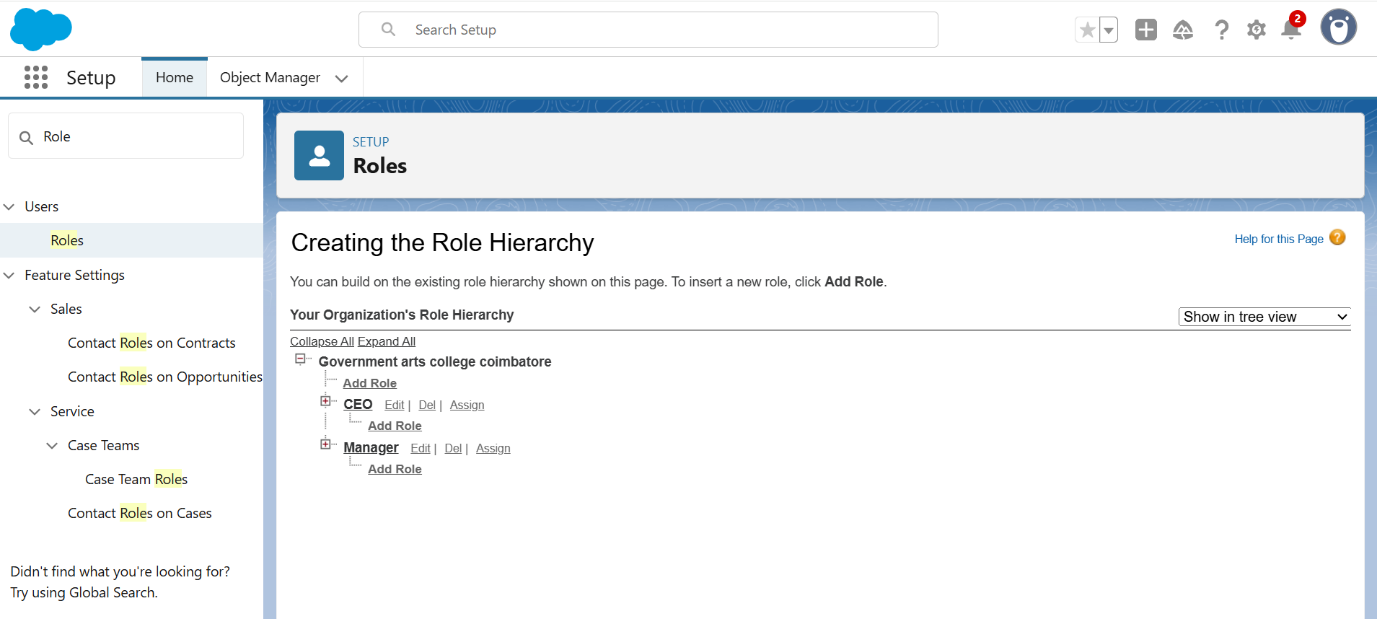
* ***Creating sales person profile***

***A screenshot of a computer

AI-generated content may be incorrect.***

**1.8 ROLE & ROLE HIERARCHY**

* ***Creating Manager Role & Another roles***

****

**1.9 USERS**

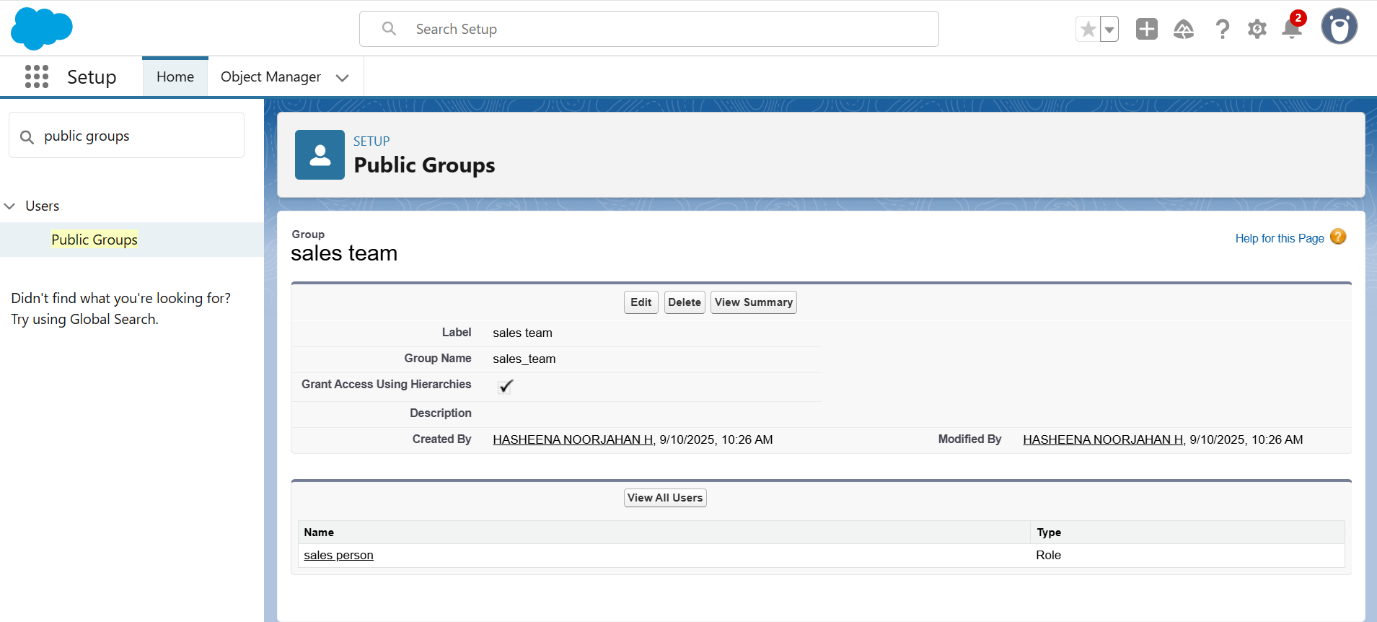
* ***Creating users***

**A screenshot of a computer

AI-generated content may be incorrect.**

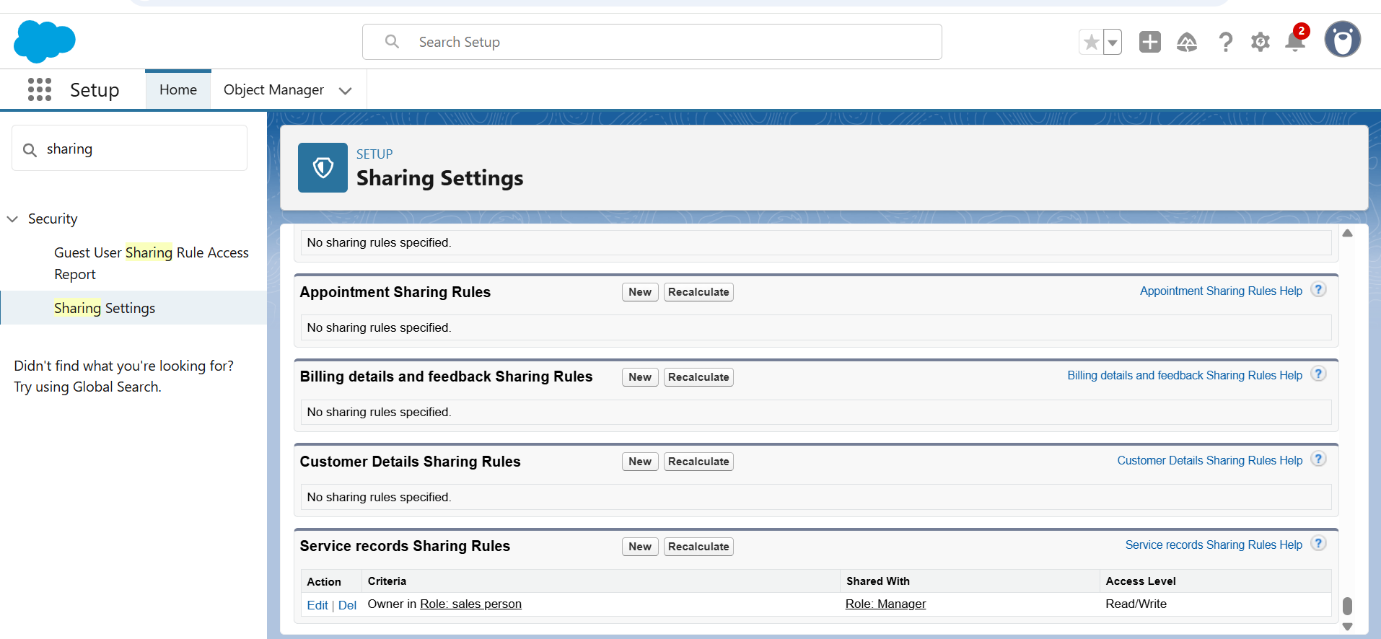
**1.10 PUBLIC GROUPS**

* ***Creating New Public Group***

******

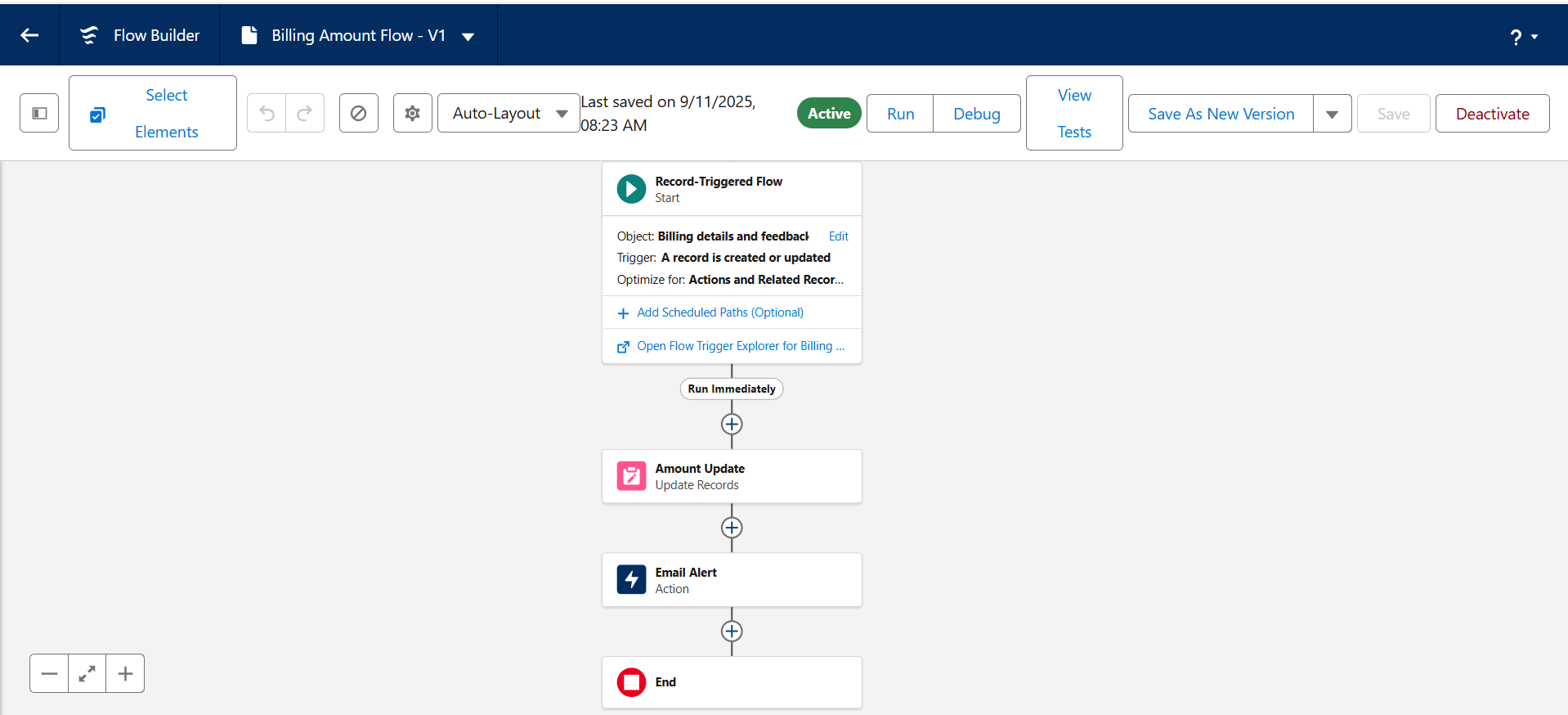
**1.12 SHARING SETTING**

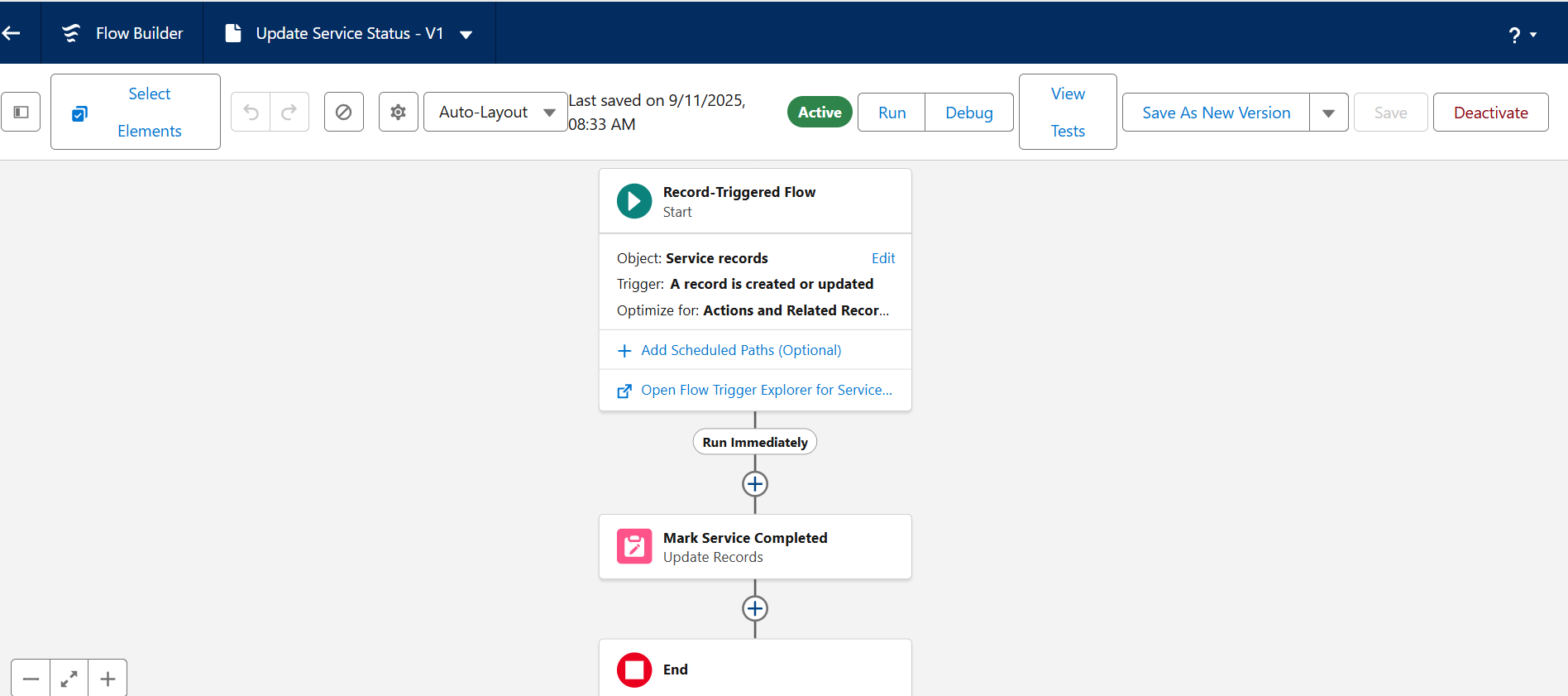
* ***Create Sharing settings***

****

**1.13 FLOWS**

* ***Creating Billing flow & Another Flow***

******

******

**1.14 APEX TRIGGER**

* ***Apex Handler***

***ApexDistributionHandler***

***Code:***

***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 = 500***

***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){***

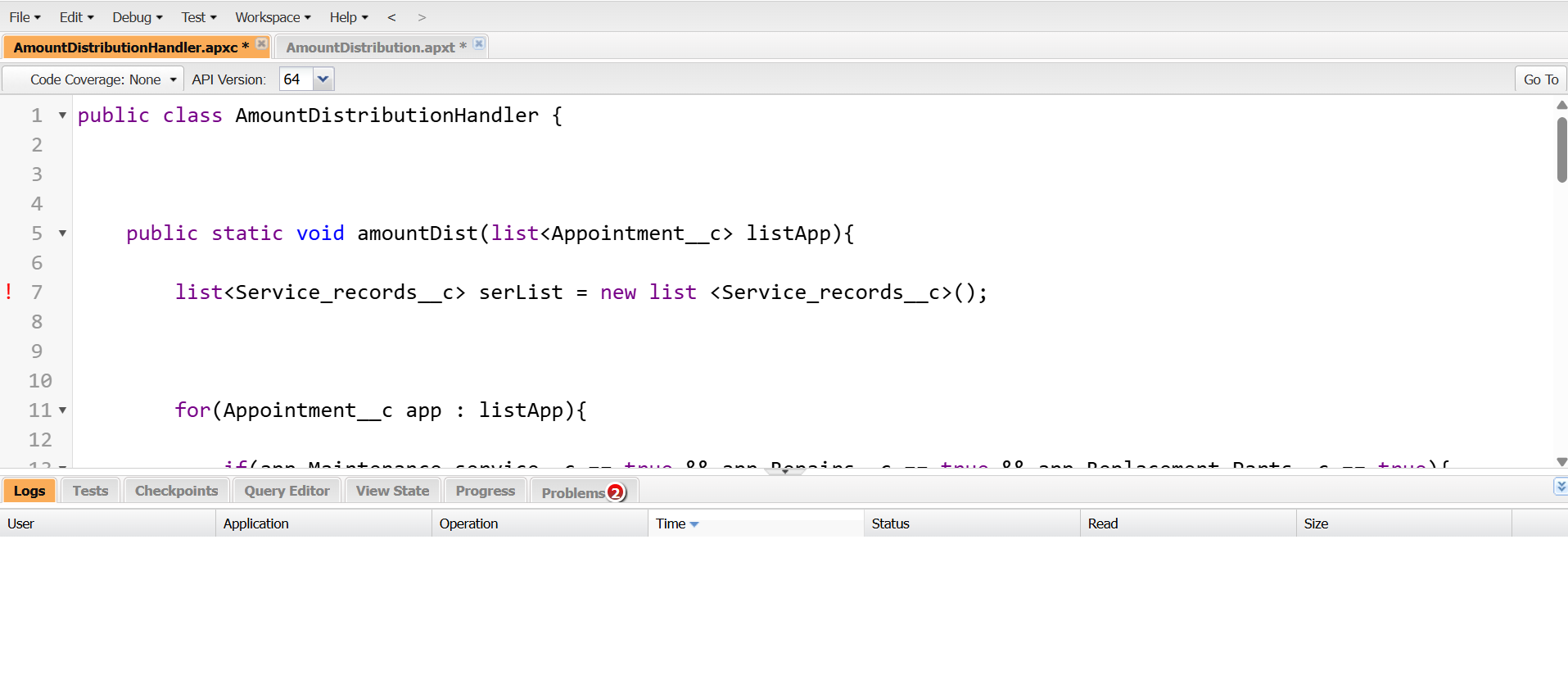
***app.Service\_Amount\_\_c = 3000;***

***}***

***else if(app.Replacement\_Parts\_\_c == true){***

***app.Service\_Amount\_\_c = 5000;***

***}}}}***

******

***ApexDistribution***

***Code:***

***trigger AmountDistribution on Appointment\_\_c (before insert, before update) {***

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

***AmountDistributionHandler.amountDist(trigger.new);***

***}***

***}***

***A screenshot of a computer

AI-generated content may be incorrect.***

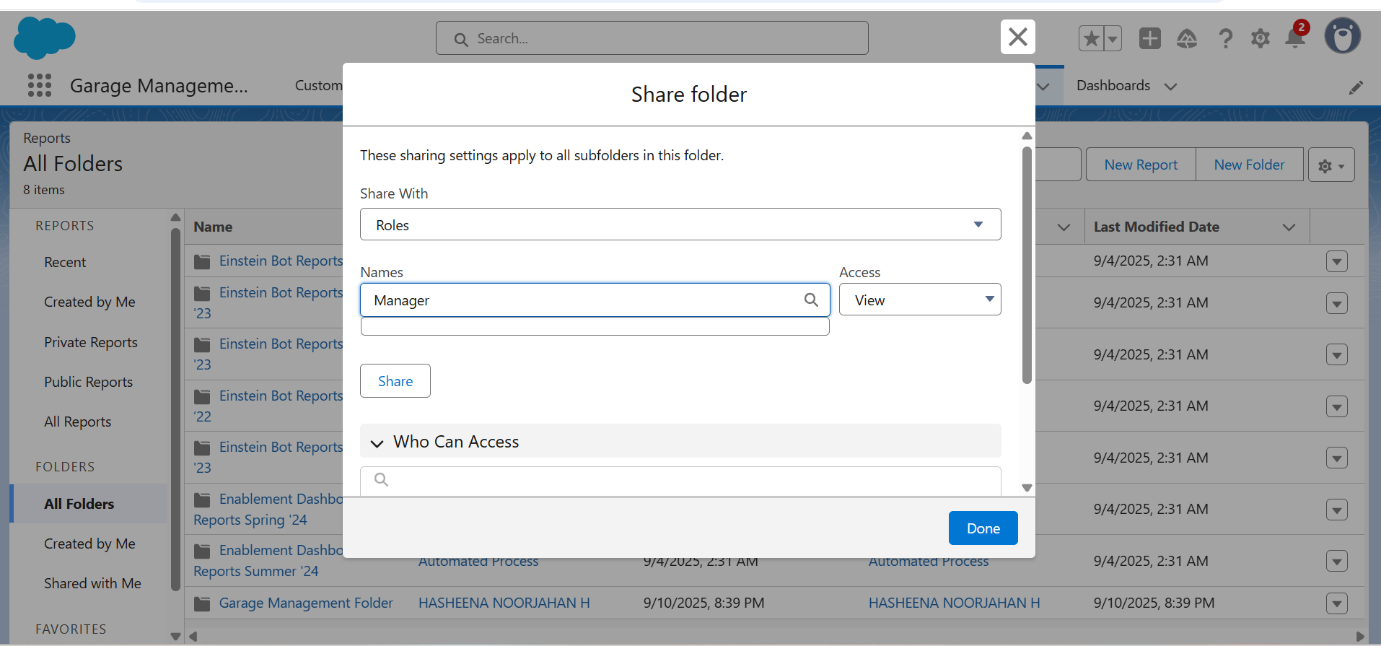
**1.15 REPORTS**

* ***Create a Report Folder***

**A screenshot of a computer

AI-generated content may be incorrect.**

* ***Sharing a Report Folder***

******

* ***Create a Report Type***

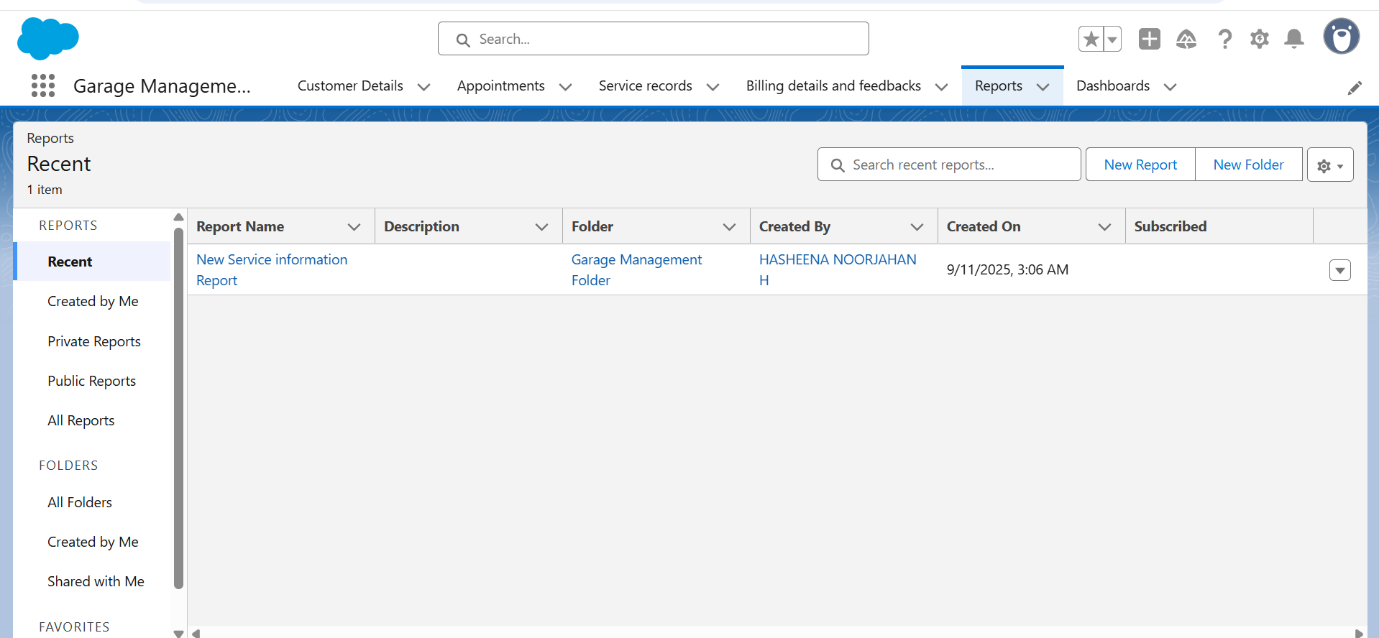
***A screenshot of a computer

AI-generated content may be incorrect.***

**A screenshot of a computer

AI-generated content may be incorrect.**

* ***Create a Report***

******

**1.16 DASHBOARD**

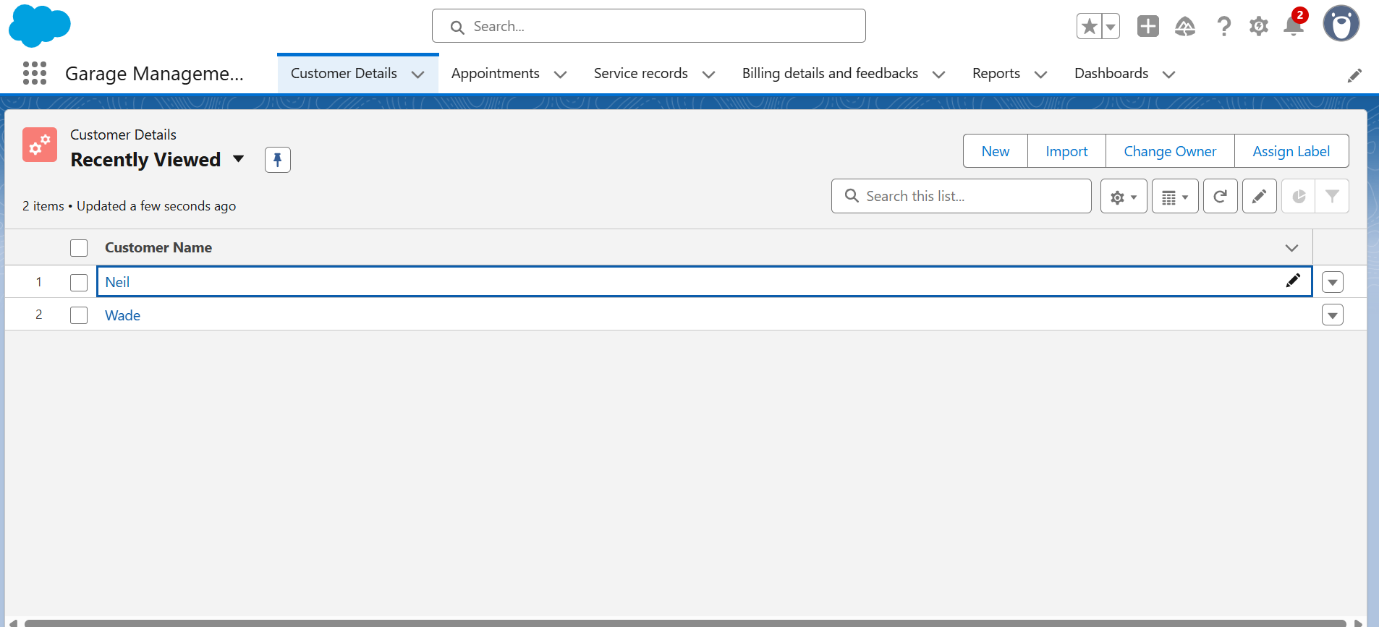
* ***Creating Dashboard & Dashboard Folder***

***A screenshot of a computer

AI-generated content may be incorrect.***

**1.17 USER ADOPTION**

* ***Creating Records***

******

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**CONCLUSION**

**The conclusion of effective garage management is achieving a competitive advantage through increased operational efficiency, streamlined workflows, and enhanced customer satisfaction by leveraging digital systems like**[**Garage Management Systems (GMS)**](https://www.google.com/search?q=Garage+Management+Systems+%28GMS%29&oq=conculsion+of+garagemanagement&gs_lcrp=EgZjaHJvbWUyBggAEEUYOTIHCAEQIRigATIHCAIQIRiPAjIHCAMQIRiPAtIBCTE2MTkyajBqN6gCCLACAfEFtfQETrk51eY&sourceid=chrome&ie=UTF-8&mstk=AUtExfDW0aETYTFvNq5h8gzldPgA6o79_Vicf1nqCfTBzU5eGdF8UuqcuVzALKlF14gHBTL1Qxt1d_NiFKkaakPCiv720Vz8kpQnwZxUd5Tuo2sRd9b9CJD_uMxnWoi4D6YDToqkZSOt5xeRDOC6z2DS53PiJxcBYp80RgIALXGyXiEit8Y&csui=3&ved=2ahUKEwiF4ZGFp9iPAxXTxTgGHflIKWcQgK4QegQIARAC)**.**