

GARAGE MANAGEMENT SYSTEM

College Name : AVP COLLEGE OF ARTS AND SCIENCE

College Code: asbruaj

TEAM ID:

TEAM MEMBERS:

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Team Member3: MANOSHREE.P

Email: monoshree47@gmail.com

INTRODUCTION

Project Overview

The Garage Management System (GMS) on Salesforce is designed to automate and streamline daily garage operations such as vehicle servicing, repair tracking, customer management, and billing. It leverages Salesforce's cloud platform to manage customer relationships, store vehicle service history, handle job cards, monitor spare parts inventory, and generate invoices efficiently. With real-time dashboards and reporting, it improves decision-making, enhances customer satisfaction, and increases overall productivity in garage operations.

Purpose

The purpose of the Garage Management System in Salesforce is to digitize and automate garage operations, making it easier to manage customer data, track vehicle services, handle billing, and maintain inventory. It aims to improve efficiency, accuracy, and customer satisfaction while reducing manual work.

DEVELOPMENT PHASE

Create Development Account:

By using this URL – <https://orgfarm-72817ef3f9-dev-ed.develop.my.salesforce.com/>

salesforce

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

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First name: Amali ✓

Last name: S ✓

Job title: Student ✓

Work email: amalisakthi15@g ✓

Company: amali@salesforce ✓

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.

- Create object: Appointment

Browser tabs: Welcome to Salesforce: Reset y..., Recently Viewed | Appointment..., Appointment | Salesforce, - Student

Address bar: orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK00000234kh/Details/view

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

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

Edit Delete

Taskbar: Type here to search, 31°C Partly sunny, 5:06 PM 7/20/2025

Browser tabs: Welcome to Salesforce: Reset y..., Recently Viewed | Appointment..., Billing details and feedback | S..., - Student

Address bar: orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK00000234ig/Details/view

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

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: ☒

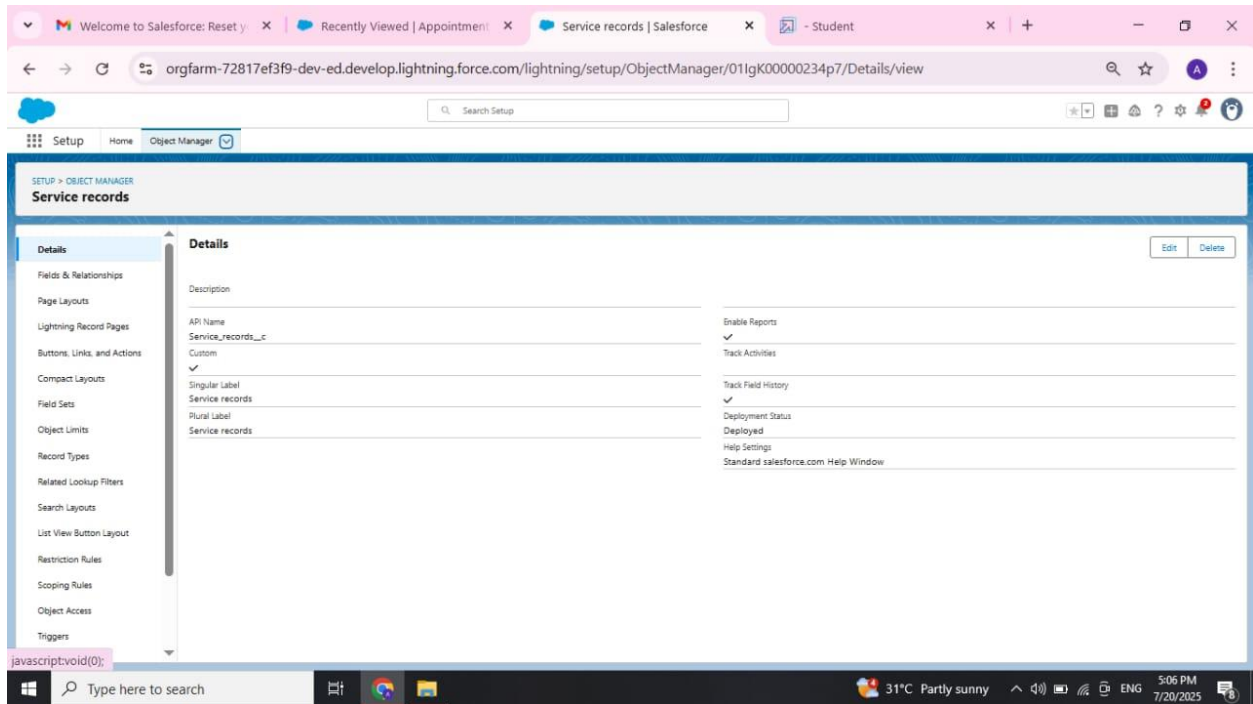
Track Field History: ☒

Deployment Status: Deployed

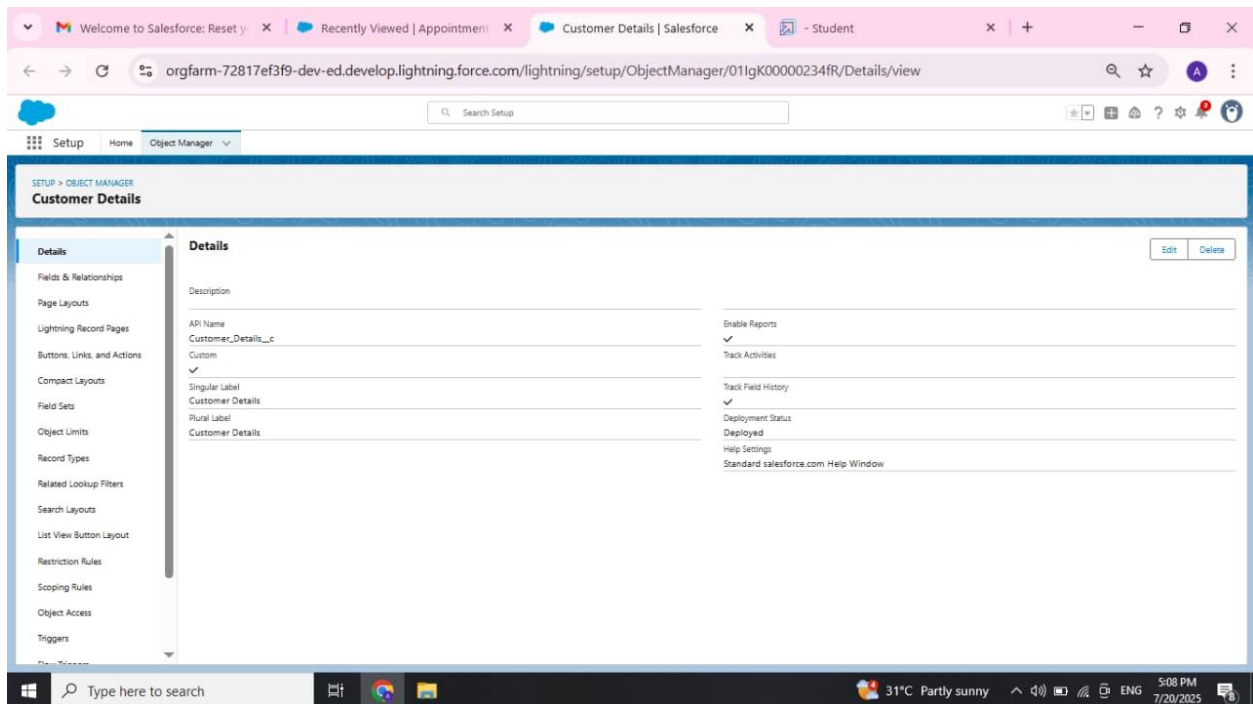
Help Settings: Standard salesforce.com Help Window

Edit Delete

Taskbar: Type here to search, 31°C Partly sunny, 5:06 PM 7/20/2025



- Object manager : Customer Detail's



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.

Custom Object Tabs

Action	Label	Tab Style	Description
Edit Del	Approvals	Apple	
Edit Del	Billing details and feedback	Big top	
Edit Del	Customer Details	Coins	
Edit Del	Service records	Star	

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 Experience App Management

Lightning Experience App Manager

27 items - Sorted by App Name - Filtered by All app menu items - TabSet Type: App Type

	App Name ↑	Developer Name	Description	Last Modified Date	App Type	Visible in Lightning
1	All Tabs	AllTabSet		8/31/2025, 11:50 PM	Classic	✓
2	Analytics Studio	Insights	Build CRM Analytics dashboards and apps	8/31/2025, 11:50 PM	Classic	✓
3	App Launcher	AppLauncher	App Launcher tabs	8/31/2025, 11:50 PM	Classic	✓
4	Approvals	Approvals	Manage approvals and approval flows	8/31/2025, 11:50 PM	Lightning	✓
5	Automation	FlowsApp	Automate business processes and repetitive tasks.	8/31/2025, 11:58 PM	Lightning	✓
6	Bolt Solutions	LightningBolt	Discover and manage business solutions designed for your industry.	8/31/2025, 11:50 PM	Lightning	✓
7	Community	Community	Salesforce CRM Communities	8/31/2025, 11:50 PM	Classic	✓
8	Content	Content	Salesforce CRM Content	8/31/2025, 11:50 PM	Classic	✓
9	Data Cloud	Audience360	Build a thorough and complete understanding of your customers.	8/31/2025, 11:50 PM	Lightning	✓
10	Data Manager	DataManager	Use Data Manager to view limits, monitor usage, and manage recipes.	8/31/2025, 11:50 PM	Lightning	✓
11	Digital Experiences	SalesforceCMS	Manage content and media for all of your sites.	8/31/2025, 11:50 PM	Lightning	✓
12	Garage Management Application	Garage_Management_Application		9/5/2025, 11:15 AM	Lightning	✓
13	Lightning Usage App	LightningInstrumentation	View Adoption and Usage Metrics for Lightning Experience	8/31/2025, 11:50 PM	Lightning	✓
14	Marketing CRM Classic	Marketing	Track sales and marketing efforts with CRM objects.	8/31/2025, 11:50 PM	Classic	✓
15	My Service Journey	MSIAApp	Discover new customer service capabilities.	8/31/2025, 11:50 PM	Lightning	✓
16	Platform	Platform	The fundamental Lightning Platform	8/31/2025, 11:50 PM	Classic	✓
17	Queue Management	QueueManagement	Create and manage queues for your business.	8/31/2025, 11:50 PM	Lightning	✓

Platform Login Credentials - Pri x Student x Recently Viewed | Appointment x Tabs | Salesforce x

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home

Search Setup

Setup Home Object Manager

tabs

User Interface

Rename Tabs and Labels

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.

Custom Object Tabs

Action Label Tab Style Description

Edit | Del Approvals

Edit | Del Billing details and feedback

Edit | Del Customer Details

Edit | Del Revenue records

Tab Style

Apple

Big top

Classics

New

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

https://orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home

Type here to search

6:20 PM 7/20/2025

- Lightning Experience App Manager

Platform Login Credentials - Pri x Student x Recently Viewed | App Manager | Salesforce x

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/NavigationMenus/home

Search Setup

Setup Home Object Manager

app manager

Apps

App Manager

External Client Apps

External Client App Manager

Lightning Experience App Manager

New Lightning App New External Client App

27 items • Sorted by App Name • Filtered by All appmenuitems • TabSet Type: App Type

	App Name ↑	Developer Name	Description	Last Modified Date	App Type	Visible in L...
1	All Tabs	AllTabSet		8/31/2025, 11:50 PM	Classic	
2	Analytics Studio	/insights	Build CRM Analytics dashboards and apps	8/31/2025, 11:50 PM	Classic	✓
3	App Launcher	AppLauncher	App Launcher tabs	8/31/2025, 11:50 PM	Classic	✓
4	Approvals	Approvals	Manage approvals and approval flows.	8/31/2025, 11:50 PM	Lightning	✓
5	Automation	FlowsApp	Automate business processes and repetitive tasks.	8/31/2025, 11:58 PM	Lightning	✓
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8	Content	Content	Salesforce CRM Content	8/31/2025, 11:50 PM	Classic	✓
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15	My Service Journey	MSIAApp	Discover new customer service capabilities.	8/31/2025, 11:50 PM	Lightning	✓
16	Platform	Platform	The fundamental Lightning Platform	8/31/2025, 11:50 PM	Classic	✓
17	Queue Management	QueueManagement	Create and manage queues for your business.	8/31/2025, 11:50 PM	Lightning	✓

Type here to search

Result

6:23 PM 7/20/2025

Platform Login Credentials | Student | Recently Viewed | App | Tabs | Salesforce | Garage Management Application

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/visualEditor/appBuilder.app?id=02ugK000006GHSrQAO&retUrl=https%3A%2F%2Forgfar...

Lightning App Builder | App Settings | Pages | Garage Management Application

App Settings

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...

Type here to search

Result 6:23 PM 7/20/2025

Platform Login Credentials | Student | Tabs | Salesforce | Appointment | Salesforce

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK00000234kh/Details/view

Setup | Home | 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

Details

Description

API Name
Appointment__c

Custom
✓

Singular Label
Appointment

Plural Label
Appointments

Enable Reports
✓

Track Activities
✓

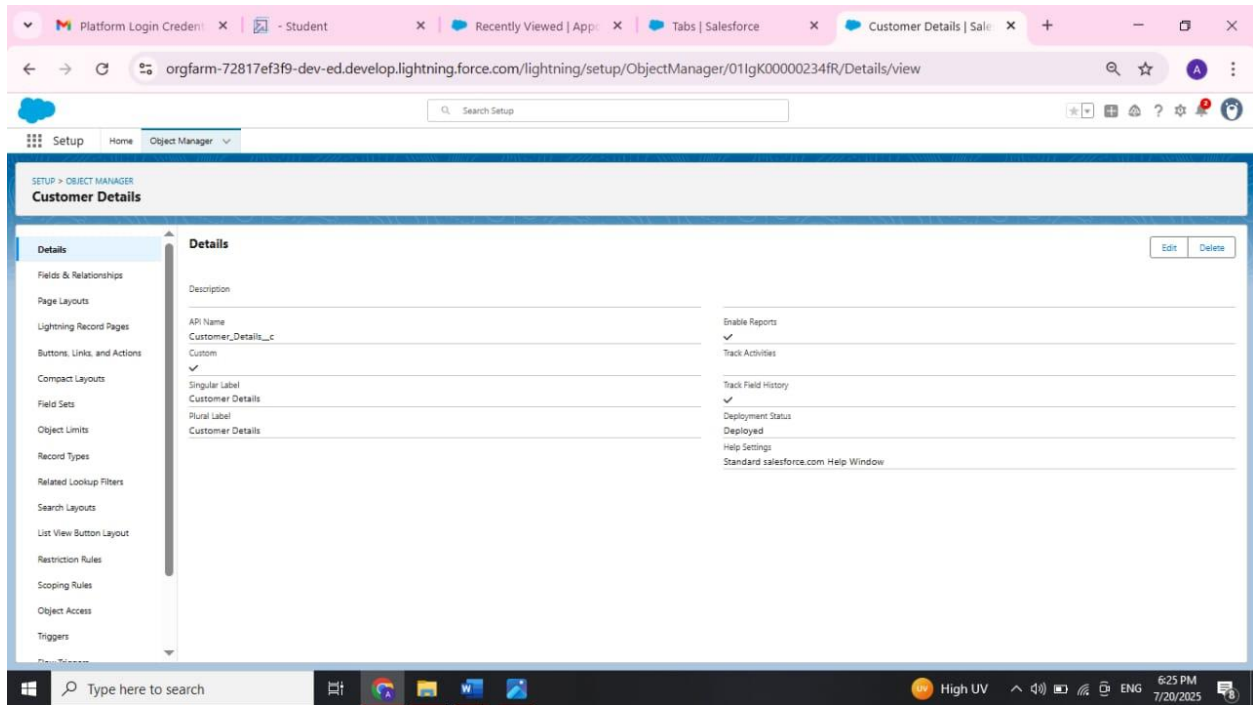
Track Field History
✓

Deployment Status
Deployed

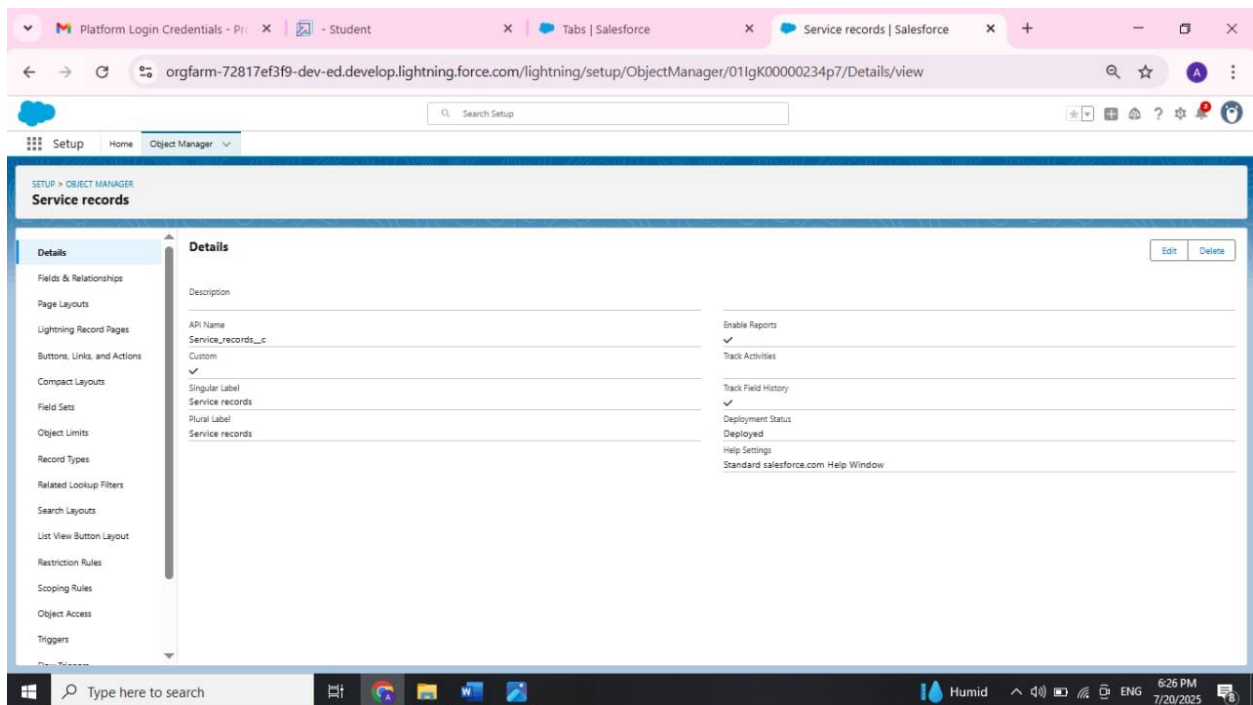
Help Settings
Standard salesforce.com Help Window

Type here to search

Humid 6:26 PM 7/20/2025



- Service Record



- Billing details and feedback

Platform Login Credentials - Pri x - Student x Tabs | Salesforce x Billing details and feedback | S x + -

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK00000234ig/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Billing details and feedback

Details Edit Delete

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

Flow Flows

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

Type here to search

Humid 6:27 PM 7/20/2025

Platform Login Credentials - Pri x - Student x Tabs | Salesforce x Appointment | Salesforce x + -

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK00000234kH/ValidationRules/03dgK000000OpxRQ... Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Appointment

Details Back to Appointment Help for this Page

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

Flow Flows

Appointment Validation Rule

Validation Rule Detail Edit Clone

Rule Name Vehicle Active ✓

Error Condition Formula NOT(REGEX(Vehicle_number_plate__c, 'TA-Z[0-9]{2}[A-Z]{0-9}{4}'))

Error Message Please enter valid number

Error Location Vehicle number plate

Description

Created By Amel S. 9/7/2025, 11:36 PM

Modified By Amel S. 9/7/2025, 11:36 PM

Type here to search

31°C Partly sunny 6:29 PM 7/20/2025

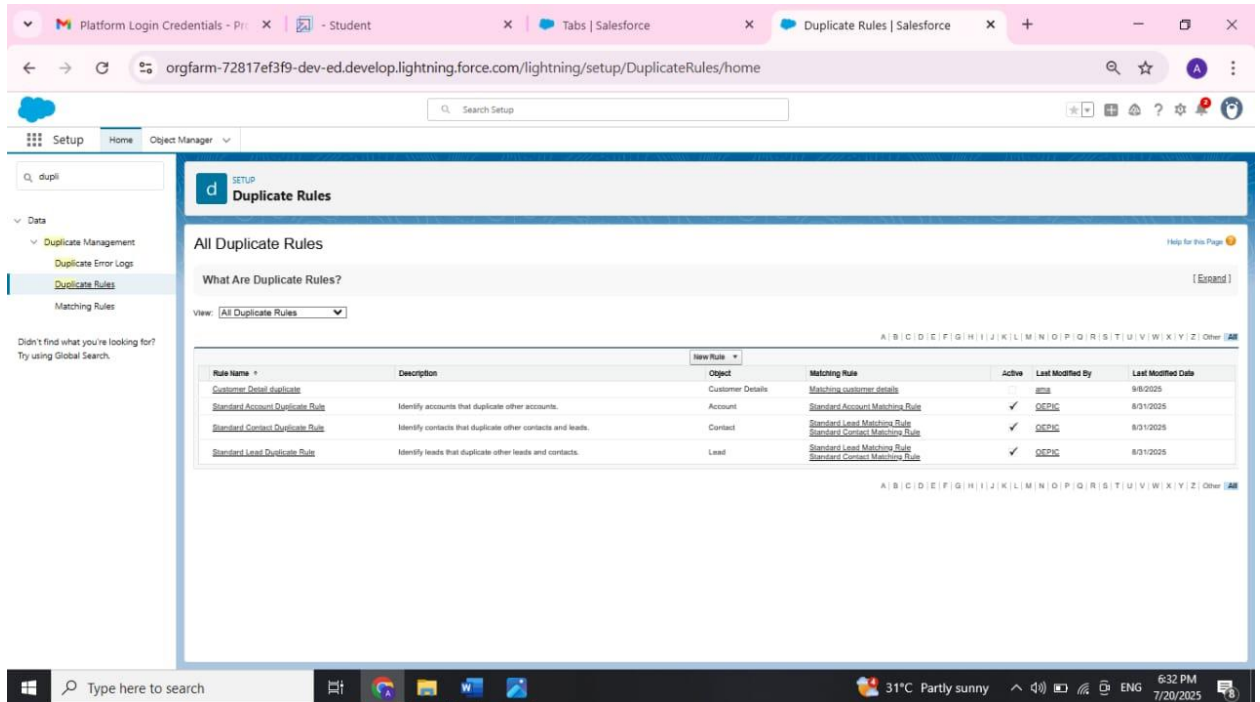
- Matching Rule

The screenshot shows the Salesforce Setup interface. The browser tabs include 'Platform Login Credentials - Pri...', 'Student', 'Salesforce', and 'Billing details and feedback | Set...'. The address bar shows the URL: `orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK000000234ig/ValidationRules/03dgK000000OqIPQA...`. The Setup menu is open, showing 'Object Manager' selected. The left sidebar lists various setup options: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, Scoping Rules, Object Access, and Triggers. The main content area is titled 'Billing details and feedback Validation Rule' with a link 'Back to Billing details and feedback'. Below this is the 'Validation Rule Detail' section, which includes a table with the following information:

Validation Rule Detail		Active
Rule Name	rating_should_be_less_than_5	✓
Error Condition Formula	NOT(REGEX(Rating_for_service__c, '1-5'))	
Error Message	rating should be from 1 to 5	Error Location: Top of Page
Description		
Created By	Admin S. 9/9/2025, 12:10 AM	Modified By: Admin S. 9/9/2025, 12:10 AM

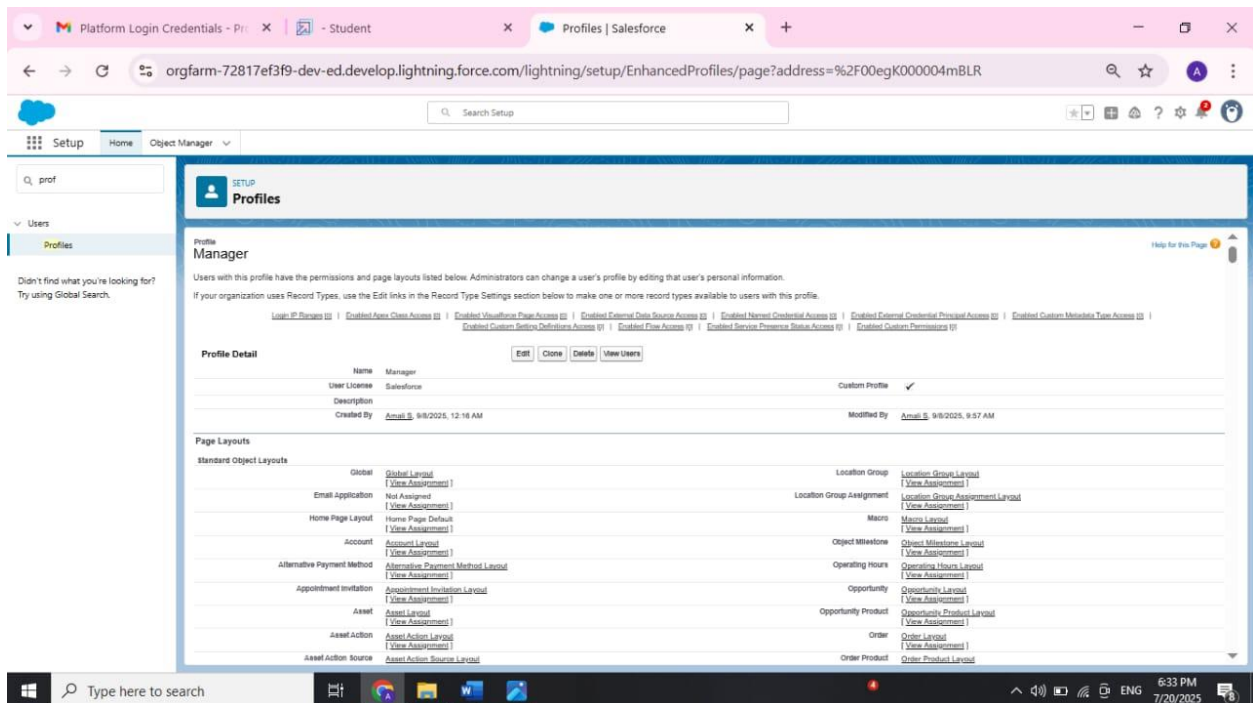
At the bottom of the page, the Windows taskbar is visible, showing the search bar 'Type here to search' and the system clock '6:30 PM 7/20/2025'.

- Duplicate Rule



The screenshot shows the Salesforce Setup page for Duplicate Rules. The browser tabs include 'Platform Login Credentials - Pr...', '- Student', 'Tabs | Salesforce', and 'Duplicate Rules | Salesforce'. The URL is 'orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/DuplicateRules/home'. The left sidebar shows 'Setup' > 'Data' > 'Duplicate Management' > 'Duplicate Rules'. The main content area is titled 'Duplicate Rules' and 'All Duplicate Rules'. It includes a 'What Are Duplicate Rules?' section and a table of rules.

Rule Name	Description	Object	Matching Rule	Active	Last Modified By	Last Modified Date
Customer Detail Duplicate Rule	Identify accounts that duplicate other accounts.	Customer Details	Matching customer details	✓	DEPC	8/8/2025
Standard Account Duplicate Rule	Identify accounts that duplicate other accounts.	Account	Standard Account Matching Rule	✓	DEPC	8/8/2025
Standard Contact Duplicate Rule	Identify contacts that duplicate other contacts and leads.	Contact	Standard Lead Matching Rule	✓	DEPC	8/8/2025
Standard Lead Duplicate Rule	Identify leads that duplicate other leads and contacts.	Lead	Standard Contact Matching Rule	✓	DEPC	8/8/2025



The screenshot shows the Salesforce Setup page for Profiles. The browser tabs include 'Platform Login Credentials - Pr...', '- Student', 'Profiles | Salesforce', and '+'. The URL is 'orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00egK000004mBLR'. The left sidebar shows 'Setup' > 'Users' > 'Profiles'. The main content area is titled 'Profiles' and 'Profile Manager'. It includes a 'Profile Detail' section and a 'Page Layouts' section.

Profile Detail

Field	Value
Name	Manager
User License	Salesforce
Description	Custom Profile
Created By	Amul B. 8/8/2025, 12:18 AM
Modified By	Amul B. 8/8/2025, 9:57 AM

Page Layouts

Standard Object Layouts	Location Group
Global: Global Layout (View Assignment)	Location Group: Location Group Layout (View Assignment)
Email Application: Not Assigned (View Assignment)	Location Group Assignment: Location Group Assignment Layout (View Assignment)
Home Page Layout: Home Page Default (View Assignment)	Meets: Meets Layout (View Assignment)
Account: Account Layout (View Assignment)	Object Milestone: Object Milestone Layout (View Assignment)
Alternative Payment Method: Alternative Payment Method Layout (View Assignment)	Operating Hours: Operating Hours Layout (View Assignment)
Appointment Invitation: Appointment Invitation Layout (View Assignment)	Opportunity: Opportunity Layout (View Assignment)
Asset: Asset Layout (View Assignment)	Opportunity Product: Opportunity Product Layout (View Assignment)
Asset Action: Asset Action Layout (View Assignment)	Order: Order Layout (View Assignment)
Asset Action Source: Asset Action Source Layout (View Assignment)	Order Product: Order Product Layout (View Assignment)

- Roles

Platform Login Credentials - Pri x - Student x Roles | Salesforce x +

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/Roles/home

Setup Setup Home Object Manager

roles

Users Roles

Feature Settings Sales Service Case Teams Case Team Roles Contact Roles on Cases

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

Understanding Roles

Set up your Role Hierarchy to control how your organization reports on and accesses data.

Sample Role Hierarchy

View other sample Role Hierarchies: Territory-based Sample

[Set Up Roles](#)

☐ Don't show this page again

Platform Login Credentials - Pri x - Student x Profiles | Salesforce x +

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00egK000004mfg5

Setup Setup Home Object Manager

prof

Users Profiles

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

Profiles

Profile sales person

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

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

[Login IP Ranges \(0\)](#) | [Enabled Area Class Access \(0\)](#) | [Enabled Visualforce Page Access \(0\)](#) | [Enabled External Data Source Access \(0\)](#) | [Enabled Named Credential Access \(0\)](#) | [Enabled External Credential Principal Access \(0\)](#) | [Enabled Custom Metadata Type Access \(0\)](#) | [Enabled Custom Session Performance Access \(0\)](#) | [Enabled Fine Access \(0\)](#) | [Enabled Service Presence Status Access \(0\)](#) | [Enabled Custom Permissions \(0\)](#)

[Edit](#) [Clone](#) [Delete](#) [View Users](#)

Name	sales person		
User License	Salesforce Platform	Custom Profile	<input checked="" type="checkbox"/>
Description			
Created By	Admin	9/8/2025, 10:00 AM	Modified By
			Admin
			9/8/2025, 10:03 AM

Page Layouts

Standard Object Layouts			
Global	Global Layout View Assignment	Lead	Lead Layout View Assignment
Email Application	Not Assigned View Assignment	Location	Location Layout View Assignment
Home Page Layout	Home Page Default View Assignment	Location Group	Location Group Layout View Assignment
Account	Account Layout View Assignment	Location Group Assignment	Location Group Assignment Layout View Assignment
Alternative Payment Method	Alternative Payment Method Layout View Assignment	Object Milestone	Object Milestone Layout View Assignment
Appointment Invitation	Appointment Invitation Layout View Assignment	Operating Hours	Operating Hours Layout View Assignment
Asset	Asset Layout View Assignment	Order	Order Layout View Assignment
Asset Relationship	Asset Relationship Layout View Assignment	Order Product	Order Product Layout View Assignment
	Assigned Resource Layout	Payment	Payment Layout

javascript:srcUp(%27%2F00egK000004mfg5%3Fisdtp%3Dp1%27%3B)

Platform Login Credentials - Pri x - Student x Roles | Salesforce x +

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/Roles/home

Search Setup

Setup Home Object Manager

roles

Users Roles Feature Settings Sales Service Case Teams Contact Roles on Cases

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Sample Role Hierarchy

View other sample Role Hierarchies: Territory-based Sample

Set Up Roles

☐ Don't show this page again

31°C Partly sunny 6:35 PM 7/20/2025

- Public Groups

Platform Login Credentials - Pri x - Student x Public Groups | Salesforce x +

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/PublicGroups/home

Search Setup

Setup Home Object Manager

users

Users Permission Set Groups Permission Sets Profiles Public Groups Queues Roles User Management Settings Users Feature Settings Data.com Prospector Users

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

Public Groups

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

View: All Edit Create New View

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

Action	Label	Group Name	Created By	Created Date
Edit Del	sales team	sales team	S. Amali	9/8/2025, 10:29 AM

https://orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/setup/PublicGroups/home

31°C Partly sunny 6:38 PM 7/20/2025

Flows | Salesforce

billing amount flow - V1

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/builder_platform_interaction/flowBuilder.app?flowId=301gK00000JS8AzQAL

Flow Builder

billing amount flow - V1

Last saved on 9/9/2025, 09:28 AM

Errors and Warnings

Errors (1) Warnings (0)

You can't activate this automation until you resolve an error.

Email Alert

- The type for the input parameter "Recipient Address List" doesn't match the type for the assigned value.

Record-Triggered Flow

Start

Object: Billing details and feedback

Trigger: A record is created or updated

Optimize for: Actions and Related Records

+ Add Scheduled Paths (Optional)

+ Open Flow Trigger Explorer for Billing...

Run Immediately

Amount Update

Update Records

Email Alert

Action

End

javascript:void(0)

Type here to search

31°C Partly sunny

6:43 PM 7/20/2025

- Amount Distribution Handler

Developer Console - Google Chrome

orgfarm-72817ef3f9-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

File Edit Debug Test Workspace Help

AmountDistributionHandler.apxc

Code Coverage: None API Version: 64

```
1 public class AmountDistributionHandler {
2
3
4
5 public static void amountDist(list<Appointment__c> listApp){
6
7     list<Service_records__c> serList = new list<Service_records__c>();
8
9
10
11 for(Appointment__c app : listApp){
12
13     if(app.Maintenance_service__c == true && app.Repairs__c == true && app.Replacement_Parts__c == true){
```

Logs Tests Checkpoints Query Editor View State Progress Problems

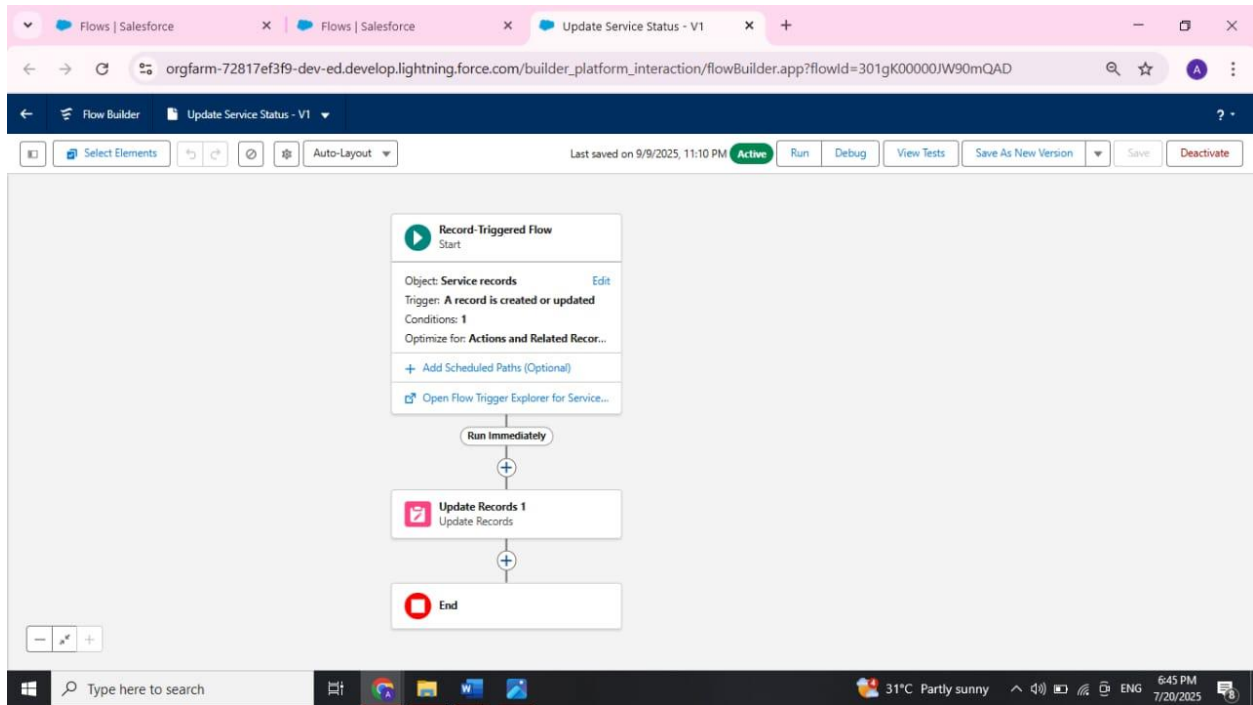
User	Application	Operation	Time	Status	Read	Size
------	-------------	-----------	------	--------	------	------

Filter Click here to filter the log list

Type here to search

31°C Partly sunny

6:46 PM 7/20/2025



- Amount Distribution

```
1 trigger AmountDistribution on Appointment__c (before insert, before update) {
2
3
4
5     if(trigger.isbefore && trigger.isinsert || trigger.isupdate){
6
7         AmountDistributionHandler.amountDist(trigger.new);
8
9
10    }
11
12
13 }
```

The screenshot shows the Salesforce Developer Console with the Apex code for the AmountDistributionHandler class. The code is a trigger that calls the amountDist method of the AmountDistributionHandler class when a record is inserted or updated. The interface includes a top navigation bar with 'Developer Console - Google Chrome' and 'orgfarm-72817ef3f9-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage' tabs, and a bottom status bar showing '31°C Partly sunny' and '6:45 PM 7/20/2025'.

RESULTS

OUTPUT SCREENSHOTS

- Tabs for new service information report.

The screenshot displays the Salesforce Reports interface. The browser tabs at the top include 'Flows | Salesforce', 'Flows | Salesforce', and 'Recent | Reports | Salesforce'. The address bar shows the URL: `orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mru`. The Salesforce navigation bar includes a search bar and a menu with options like 'Garage Manageme...', 'Appointments', 'Service records', 'Billing details and feedbacks', and 'Reports'. The main content area is titled 'Reports' and shows 'Recent' reports. A table lists the reports, with one report visible: 'New Service information Report' in the 'Garage Management Folder' created by 'Amali S' on '9/9/2025, 5:35 PM'. The left sidebar contains navigation links for 'Recent', 'Created by Me', 'Private Reports', 'Public Reports', 'All Reports', 'FOLDERS', 'All Folders', 'Created by Me', 'Shared with Me', 'FAVORITES', and 'All Favorites'. The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray information including '31°C Partly sunny' and the time '6:47 PM 7/20/2025'.

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New Service information Report		Garage Management Folder	Amali S	9/9/2025, 5:35 PM	

Flows | Salesforce x Flows | Salesforce x Recent | Reports | Salesforce x +

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mrui

Search...

Garage Manage... Appointments Service records Billing details and feedbacks Reports

Reports

Recent

1 item

Search recent reports... New Report New Folder

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	New Service information Report		Garage Management Folder	Amali S	9/9/2025, 5:35 PM	

Created by Me

Private Reports

Public Reports

All Reports

FOLDERS

All Folders

Created by Me

Shared with Me

FAVORITES

All Favorites

Type here to search

31°C Partly sunny 6:51 PM 7/20/2025

- New Service Information Report

Flows | Salesforce x Flows | Salesforce x New Service information Report x +

orgfarm-72817ef3f9-dev-ed.develop.lightning.force.com/lightning/r/Report/00OgK000004u2vJAE/view?queryScope=userFolders

Search...

Garage Manage... Appointments Service records Billing details and feedbacks New Service information R...

Report: Service information

New Service information Report

Enable Field Editing

Rating for service	Payment Status	Pending	Total
<input type="checkbox"/> bill-002	Sum of Payment Paid Record Count	\$2,500 1	\$2,500 1
<input type="checkbox"/> bill-011	Sum of Payment Paid Record Count	\$6,780 1	\$6,780 1
<input type="checkbox"/> bill-021	Sum of Payment Paid Record Count	\$10,000 1	\$10,000 1
<input type="checkbox"/> bill-023	Sum of Payment Paid Record Count	\$7,500 1	\$7,500 1
Total	Sum of Payment Paid Record Count	\$27,780 5	\$27,780 5

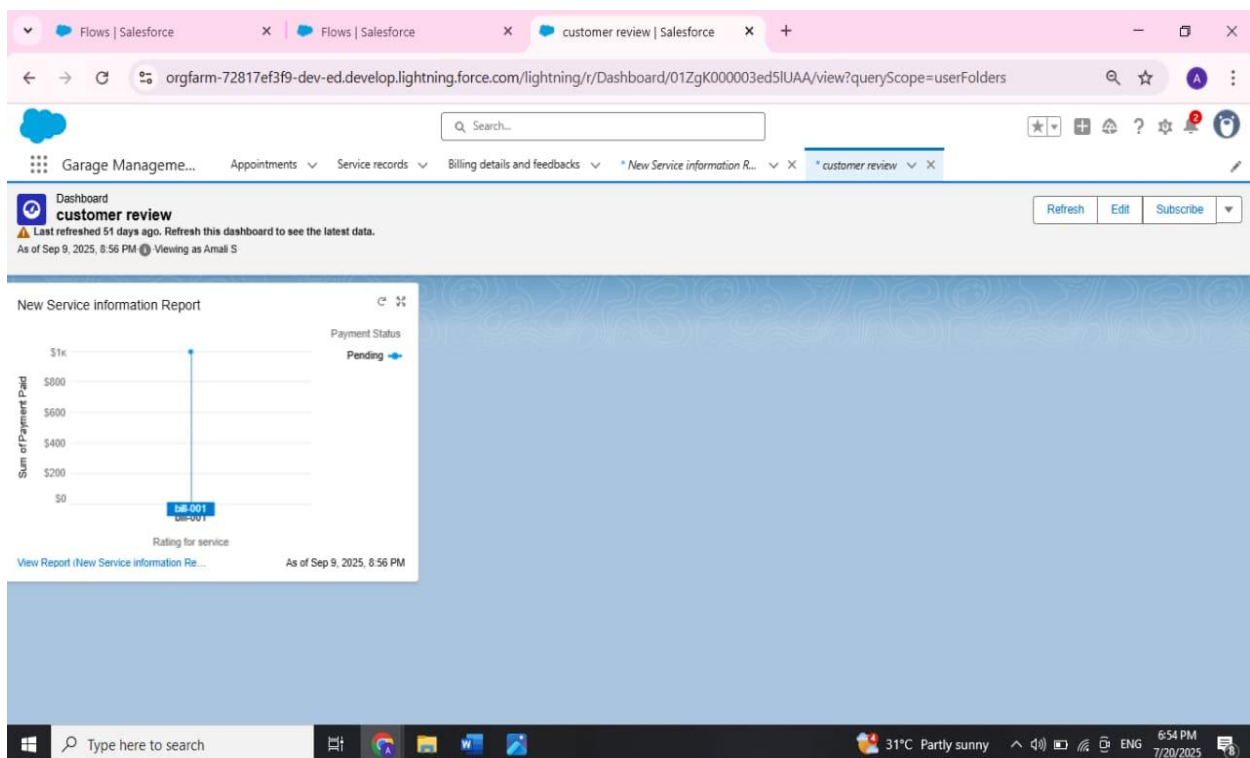
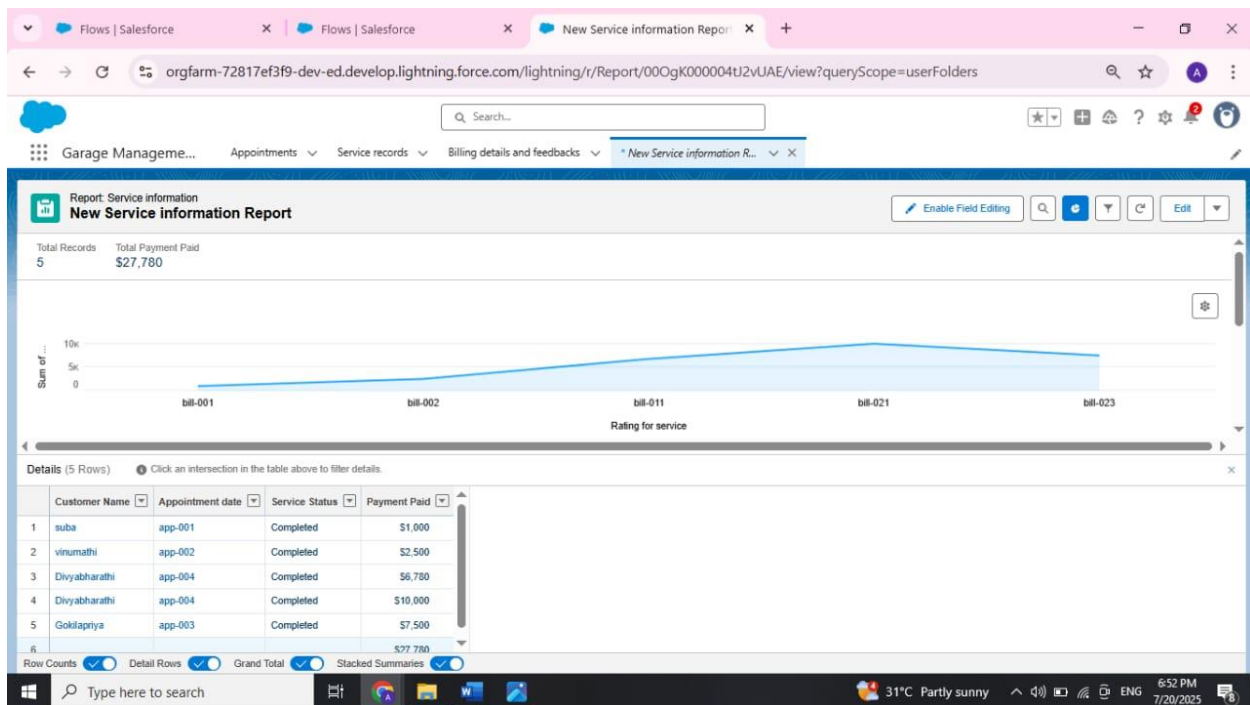
Details (5 Rows) Click an intersection in the table above to filter details.

	Customer Name	Appointment date	Service Status	Payment Paid
1	suba	app-001	Completed	\$1,000
2	vinumathi	app-002	Completed	\$2,500
3	Divyabharathi	app-004	Completed	\$6,780
4	Divyabharathi	app-004	Completed	\$10,000
5	Gokilapriya	app-003	Completed	\$7,500
6				\$27,780

Row Counts Detail Rows Grand Total Stacked Summaries

Type here to search

6:52 PM 7/20/2025



CONCLUSION

The Garage Management System developed on Salesforce provides an efficient platform to manage customer details, service records, vehicle history, and billing in a streamlined way. By automating the daily operations, it reduces manual errors, saves time, and improves customer satisfaction. With features like easy data access, report generation, and cloud-based security, the system supports better decision-making and business growth. Overall, this project shows how Salesforce can be effectively used to build a smart and reliable solution for garage management.

APPENDIX

- **Source code:** provided in Apex classes and Triggers

Test apxt:

```
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 code:

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