

MEDICAL INVENTORY MANAGEMENT

COLLEGE : KG college of Arts and Science

TEAM ID : NM2025TMID23630

TEAM SIZE : 4

TEAM MEMBERS :

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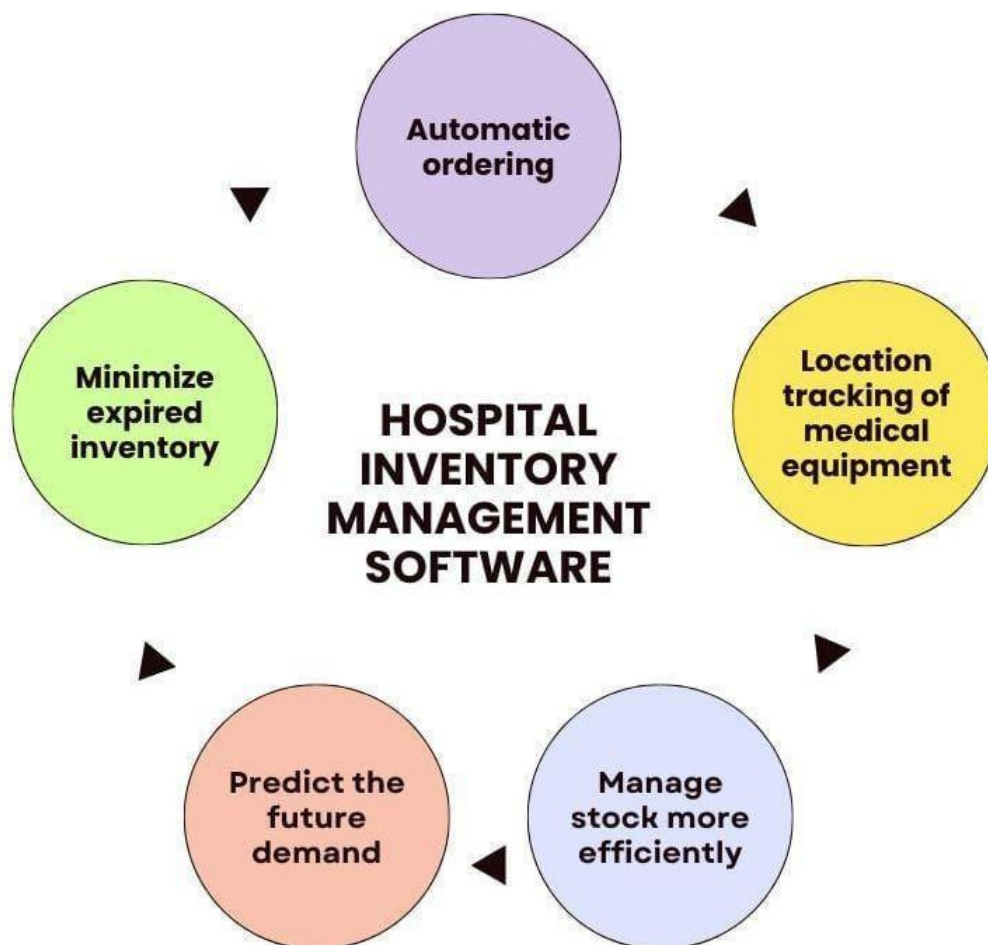
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INTRODUCTION

1.1 Project Overview

The Medical Inventory Management system is designed to streamline the tracking, storage, and distribution of medical supplies. It helps healthcare facilities maintain accurate stock levels, reduce wastage, and ensure timely availability of critical items.



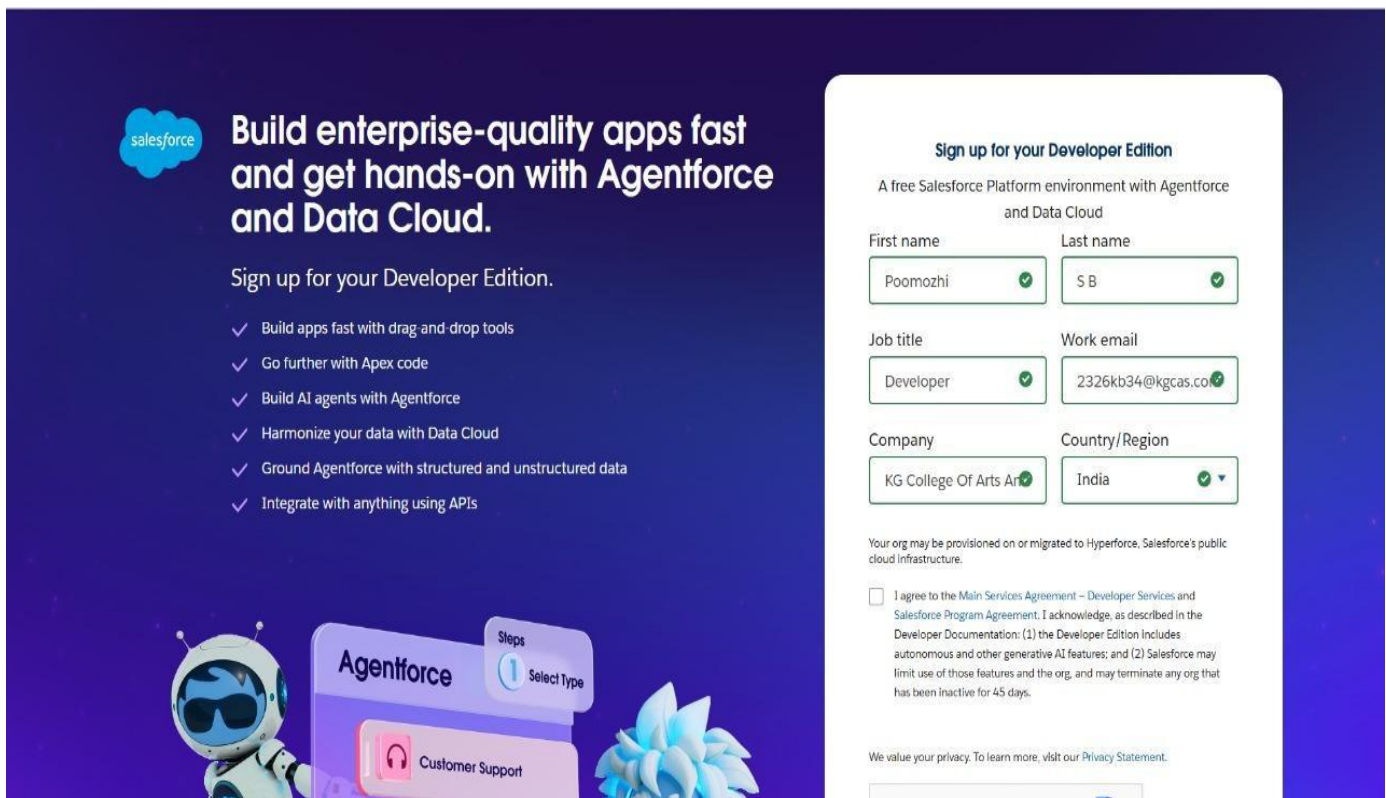
1.2 Purpose

The purpose of a Medical Inventory Management system is to ensure the efficient tracking, control, and distribution of medicines and medical supplies. It helps healthcare organizations maintain optimal stock levels, prevent shortages or overstocking, reduce wastage due to expiry, and provide timely availability of essential items for patient care.

DEVELOPMENT PHASE

Creating Developer Account:

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



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First name: Poomozhi ✓ Last name: S B ✓

Job title: Developer ✓ Work email: 2326kb34@kgcas.co ✓

Company: KG College Of Arts Ar ✓ 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 45 days.

We value your privacy. To learn more, visit our Privacy Statement.

- Created objects: Order Item, Supplier, Purchase Order, Product

The screenshot shows the Salesforce Setup interface for the 'Order Item' object. The top navigation bar includes the Salesforce logo, a search bar, and various utility icons. The main header shows 'Setup > OBJECT MANAGER' and 'Order Item'. A left sidebar lists configuration 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, and Restriction Rules. The 'Details' section is active, displaying a table of object properties.

Details	
Description	
API Name	Order_Item__c
Custom	✓
Singular Label	Order Item
Plural Label	Order Items
Enable Reports	✓
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

Buttons for 'Edit' and 'Delete' are located in the top right corner of the details section.

orgfarm-5dbd278a84-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000002GTw9/Details/view

Setup Home Object Manager

SETUP > OBJECT MANAGER

Supplier objects

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
Supplier objects_c

Custom
✓

Singular Label
Supplier objects

Plural Label
Supplier objects

Enable Reports
✓

Track Activities

Track Field History

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

Setup Home Object Manager

SETUP > OBJECT MANAGER

Purchase Order

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

Details

Description

API Name
Purchase_Order_c

Custom
✓

Singular Label
Purchase Order

Plural Label
Purchase Orders

Enable Reports
✓

Track Activities

Track Field History

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

Setup Home Object Manager

SETUP > OBJECT MANAGER

Product

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

Details

Edit Delete

Description

API Name
Product_c

Custom
✓

Singular Label
Product

Plural Label
Products

Enable Reports
✓

Track Activities

Track Field History

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

- Configured fields and relationships

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER

Supplier objects

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

Fields & Relationships

4 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)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User.Group)		✓
Supplier objects Name	Name	Text(80)		✓

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER

Supplier objects

Details

Fields & Relationships
4 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)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Supplier objects Name	Name	Text(80)		✓

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

Purchase Order | Sales Download file | iLovel Download history SF-Sample Project Developer Edition with Google Gemini

orgfarm-5dbd278a84-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01gl000002GU0z/FieldsAndRelationships/view

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER

Purchase Order

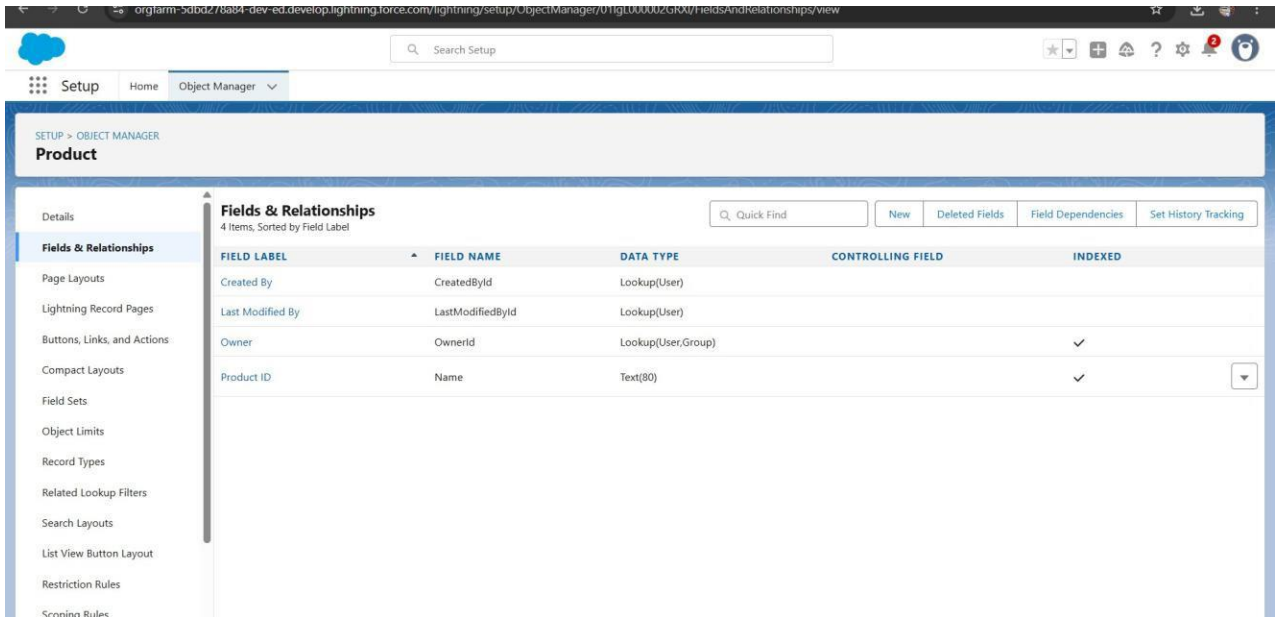
Details

Fields & Relationships
4 Items, Sorted by Field Label

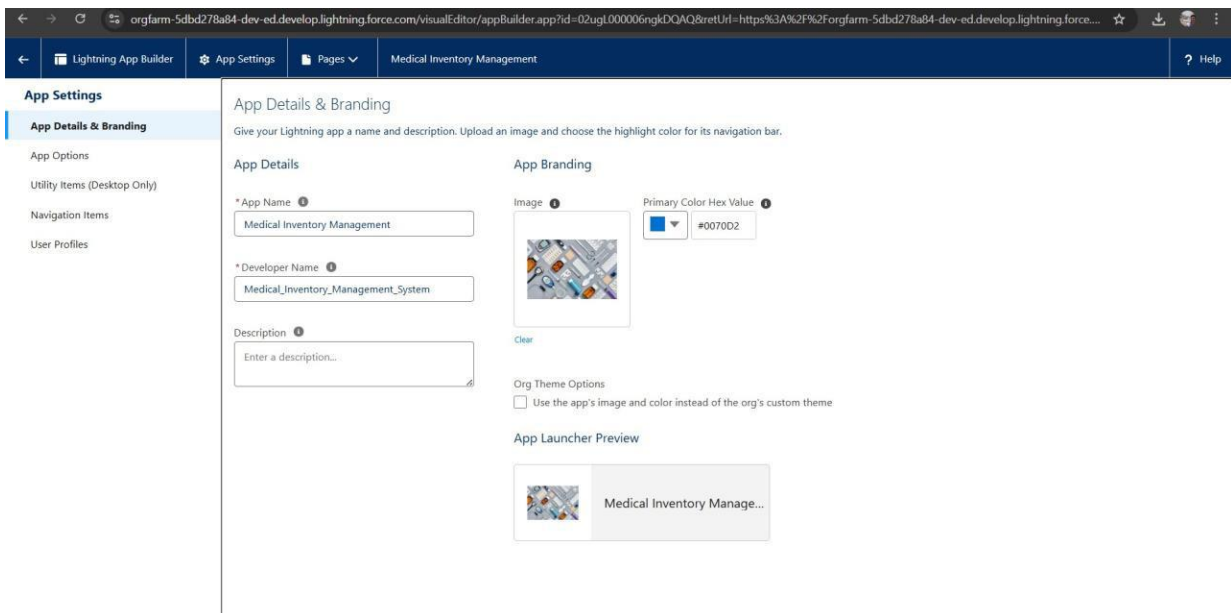
Quick Find New Deleted Fields Field Dependencies Set History Tracking

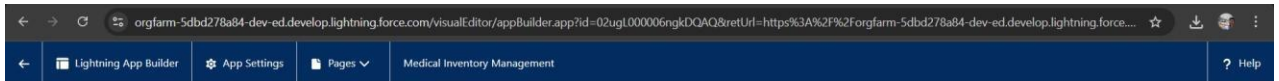
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Purchase Order Name	Name	Text(80)		✓

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



- Developed Lightning App with relevant tabs





App Settings

- App Details & Branding
- App Options
- Utility Items (Desktop Only)
- Navigation Items**
- User Profiles

Navigation Items

Choose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or rename the items that you add. Some navigation items are available only for phone or only for desktop. These items are dropped from the navigation bar when the app is viewed in a format that the item doesn't support.

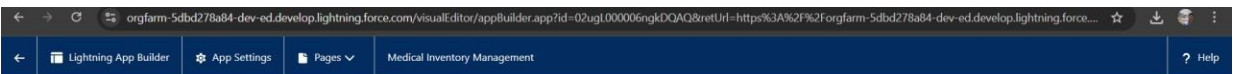
Available Items

Type to filter list...

- Accounts
- Activation Targets
- Activations
- All Sites
- Alternative Payment Methods
- Analytics
- App Launcher
- Appointment Categories
- Appointment Invitations
- Approval Requests
- Approval Submission Details
- Approval Submissions

Selected Items

- Products
- Purchase Orders
- Order Items
- Inventory Transactions
- Supplier objects



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

Selected Profiles

- System Administrator

- Sales** Home Opportunities Leads Tasks Files Accounts Contacts Campaigns Dashboards Reports Chatter Groups Calendar More

Search...

Opportunity **Burlington Textiles Weaving Plant Generator**

+ Follow New Case New Note Clone

Account Name Burlington Textiles Corp of America	Close Date 7/12/2025	Amount \$235,000.00	Opportunity Owner OrgFarm EPIC
---	-------------------------	------------------------	---

Closed Won Change Closed Stage

Activity Details Chatter

New Task Log a Call New Event Email

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.

Related

Products (0)

Notes & Attachments (0)

Upload Files
Or drop files

Contact Roles (0)

- Ensure that a lease record is valid only if the leased medical equipment has not expired (i.e., medicine/equipment expiry date is later than lease end date).

orgfarm-5dbd278a84-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01gl000002GU0z/FieldsAndRelationships/page?address=%2Fp%2Fsetup%2Fcustent%2FCustom...

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Purchase Order

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

Purchase Order Name

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name:
Example: Account Name

Data Type:

Save Cancel

Recent Accounts

Account Name	City
Acme	New York
Global Media	Toronto
salesforce.com	San Francisco

orgfarm-5dbd278a84-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01gl000002GU0z/FieldsAndRelationships/Name/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Purchase Order

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

Purchase Order Name

Back to Purchase Order

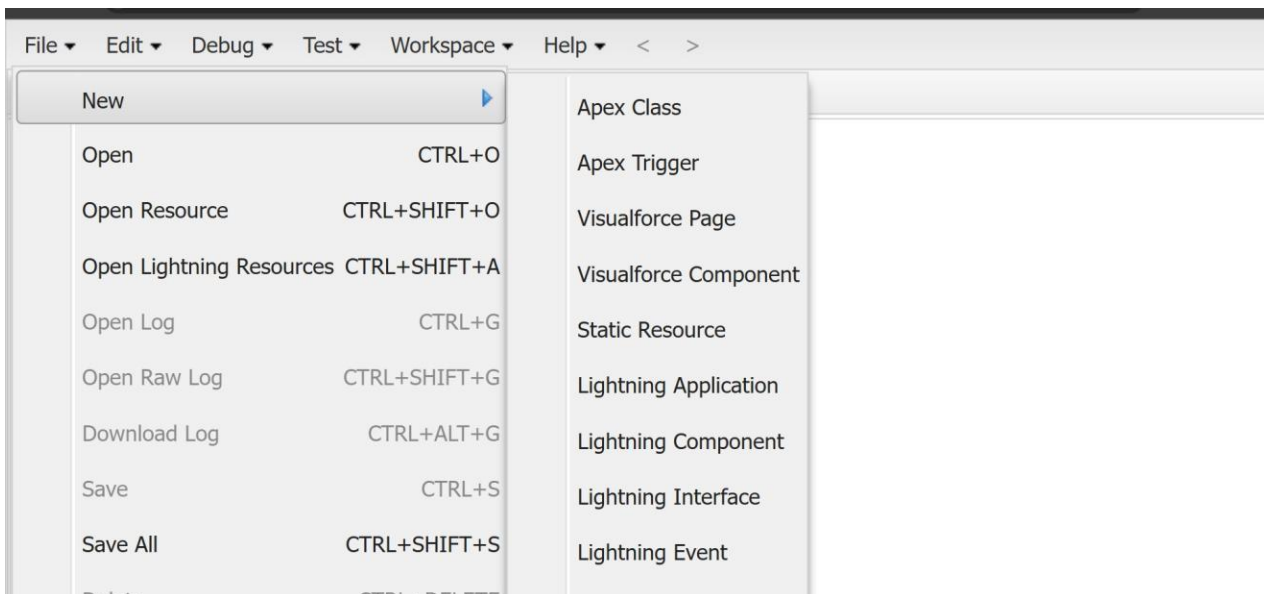
Set Field-Level Security View Field Accessibility

Field Information

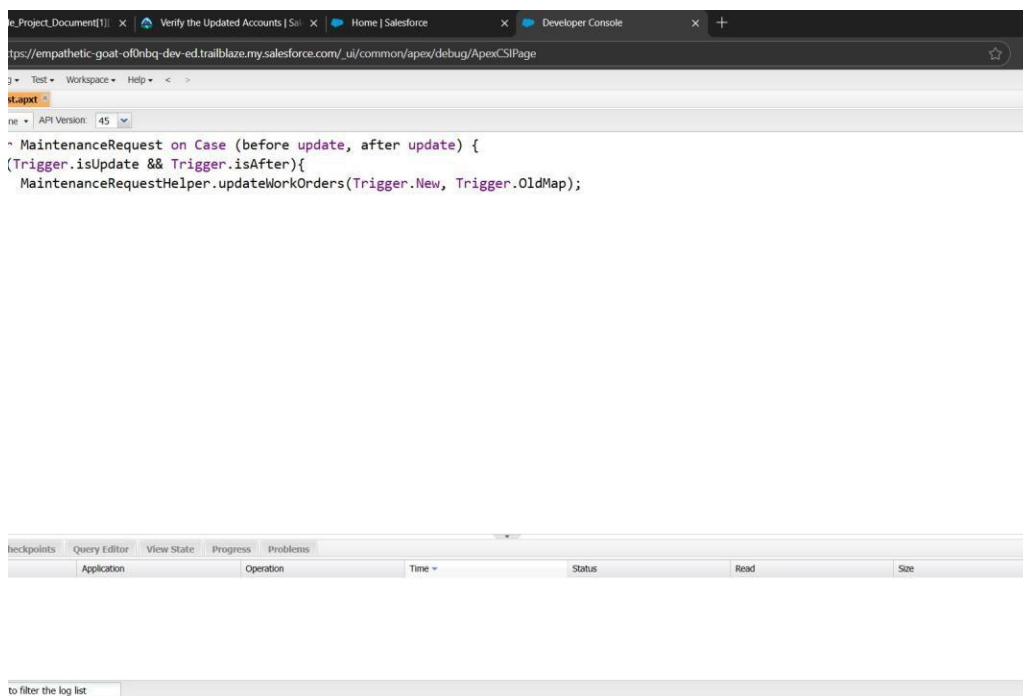
Field Label	Purchase Order Name	Field Name	Name
Data Type	Text(80)		
Description			
Data Owner			
Field Usage			
Data Sensitivity Level			
Compliance Categorization			

Validation Rules [New](#) [Validation Rules Help](#)

No validation rules defined.



- Scheduled monthly reminder emails using Apex class



- Built and tested email templates for Product, Purchase Name, Order Item and Supplier.

The screenshot shows the Salesforce Setup interface for Classic Email Templates. The left sidebar contains navigation links: Setup, Home, Object Manager, and a search bar. The main content area is titled "Classic Email Templates" and displays a table of "Unfiled Public Classic Email Templates".

Action	Email Template Name	Template Type	Available For Use	Description	Author	Last Modified Date
Edit Del	Appointment for Unauthenticated User using Appointment Types - For Amazon China	Custom	✓	Email template for confirmation of an appointment when appointments are scheduled using appointment types with Amazon China.	stfcadm	9/10/2025
Edit Del	Appointment for Unauthenticated User using Appointment Types - For third party	Custom	✓	Email template for confirmation of an appointment when appointments are scheduled using appointment types with third party video applications.	stfcadm	9/10/2025
Edit Del	Appointment for Unauthenticated User using Engagement Channels For Amazon China	Custom	✓	Email template for confirmation of an appointment when appointments are scheduled using engagement channels with Amazon China.	stfcadm	9/10/2025
Edit Del	Appointment for Unauthenticated User using Engagement Channels For third party	Custom	✓	Email template for confirmation of an appointment when appointments are scheduled using engagement channels with third party video applications.	stfcadm	9/10/2025
Edit Del	Canceled Service Appointment Confirmation Email	Custom	✓	Email Template to confirm canceling of a service appointment.	stfcadm	9/10/2025
Edit Del	Commerce Reorder Portal Invitation	Custom	✓	Invite a contact to a Commerce Reorder Portal.	autogoc	9/10/2025
Edit Del	Group Service Appointments Enrollment Confirmation Email	Custom	✓	Email Template to confirm enrollment of an attendee to a Group service appointment.	stfcadm	9/10/2025
Edit Del	Marketing Product Inquiry Response	Text	✓	Standard email response to website product inquiries.	OEPIC	9/10/2025
Edit Del	Rescheduled Service Appointment Confirmation Email	Custom	✓	Email Template to confirm rescheduling of a service appointment.	stfcadm	9/10/2025
Edit Del	Sales New Customer Email	Text	✓	Email to new customers.	OEPIC	9/10/2025
Edit Del	Scheduled Service Appointment Confirmation Email	Custom	✓	Email Template to confirm scheduling of a service appointment.	stfcadm	9/10/2025

The screenshot shows the Salesforce Setup interface for Classic Email Templates, specifically the details for the "Sales: New Customer Email" template. The left sidebar is the same as the previous screenshot. The main content area is titled "Classic Email Templates" and displays the "Email Template Detail" for the selected template.

Email Template Detail

Email Templates from Salesforce: Unfiled Public Classic Email Templates

Email Template Name: Sales: New Customer Email

Template Unique Name: SalesNewCustomerEmail

Encoding: Unicode (UTF-8)

Author: OrgFarm.EPIC [Change]

Description: Email to new customers

Created By: OrgFarm.EPIC, 9/10/2025, 5:27 PM

Available For Use: ✓

Last Used Date: Times Used

Modified By: OrgFarm.EPIC, 9/10/2025, 5:27 PM

Email Template

Subject: Welcome to the GenWatt Community

Plain Text Preview:

Dear {Contact.FirstName},

All of us at GenWatt are glad to have {Account.Name} as a customer.

I would like to introduce myself as your Account Manager. Should you have any questions, please feel free to call me at {User.Phone} or email me at {User.Email}.

Setup Home Object Manager

Search Setup

Q clas

Email

Classic Email Templates

Classic Letterheads

Custom Code

Apex Classes

Data Classification

Data Classification Download

Data Classification Settings

Data Classification Upload

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

Classic Email Templates

Custom Email Template

Scheduled Service Appointment Confirmation Email

Preview your email template below.

Help for this Page

Email Template Detail Edit Properties Edit HTML Version Edit Text Version Delete Clone

Email Templates from Salesforce	Unified Public Classic Email Templates	Available For Use	✓
Email Template Name	Scheduled Service Appointment Confirmation Email	Last Used Date	
Template Unique Name	SalesforceSchedulerCreateAppEmailTemplate	Times Used	
Encoding	General US & Western Europe (ISO-8859-1, ISO-LATIN-1)		
Author	salesforce.com, inc. [Change]		
Description	Email Template to confirm scheduling of a service appointment.		
Created By	salesforce.com, inc., 9/10/2025, 5:27 PM	Modified By	salesforce.com, inc., 9/10/2025, 5:27 PM

Edit Properties Edit HTML Version Edit Text Version Delete Clone

Email Template Send Text and Verify Merge Fields

Subject Your service appointment is scheduled

HTML Preview

Setup Home Object Manager

Search Setup

Q clas

Email

Classic Email Templates

Classic Letterheads

Custom Code

Apex Classes

Data Classification

Data Classification Download

Data Classification Settings

Data Classification Upload

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

Classic Email Templates

Custom Email Template

Scheduler Payments: Payment Reminder for Service Appointment Email

Preview your email template below.

Help for this Page

Email Template Detail Edit Properties Edit HTML Version Edit Text Version Delete Clone

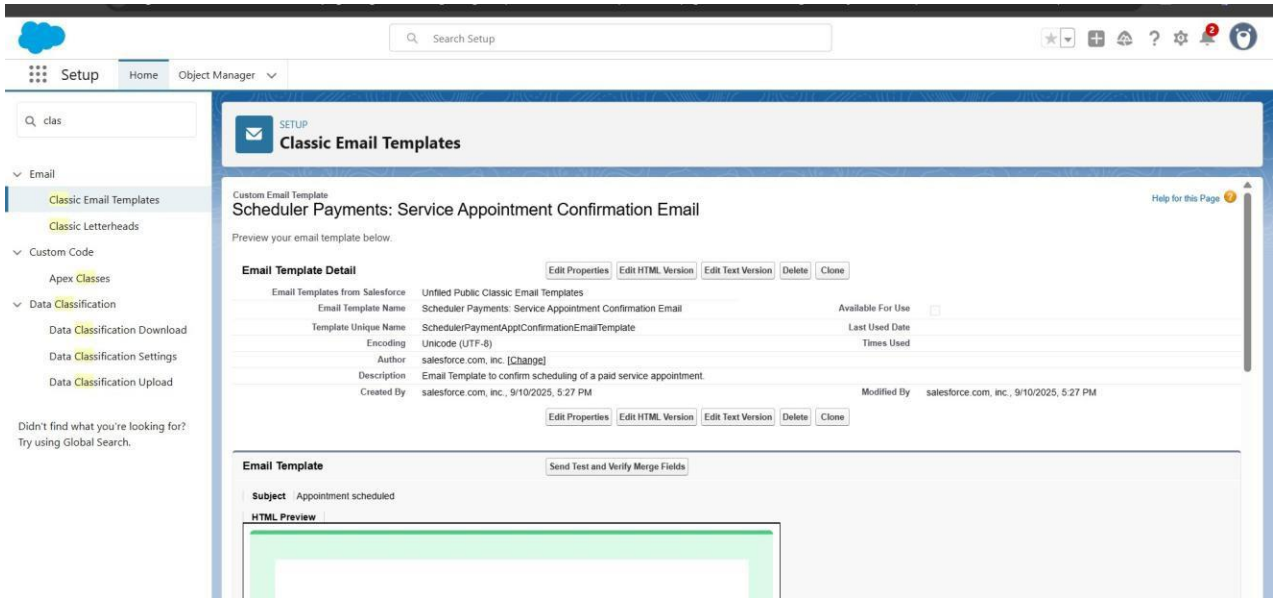
Email Templates from Salesforce	Unified Public Classic Email Templates	Available For Use	✓
Email Template Name	Scheduler Payments: Payment Reminder for Service Appointment Email	Last Used Date	
Template Unique Name	SchedulerPaymentReminderEmailTemplate	Times Used	
Encoding	Unicode (UTF-8)		
Author	salesforce.com, inc. [Change]		
Description	Email Template to remind customers to pay for their service appointment.		
Created By	salesforce.com, inc., 9/10/2025, 5:27 PM	Modified By	salesforce.com, inc., 9/10/2025, 5:27 PM

Edit Properties Edit HTML Version Edit Text Version Delete Clone

Email Template Send Text and Verify Merge Fields

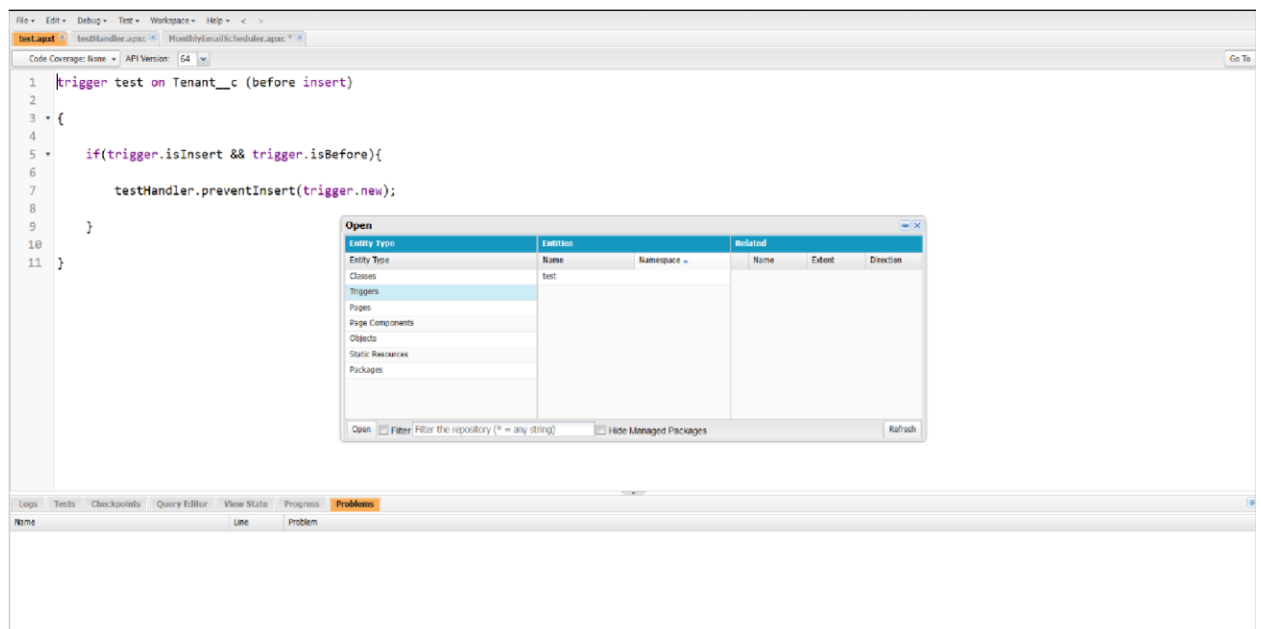
Subject Complete your payment

HTML Preview

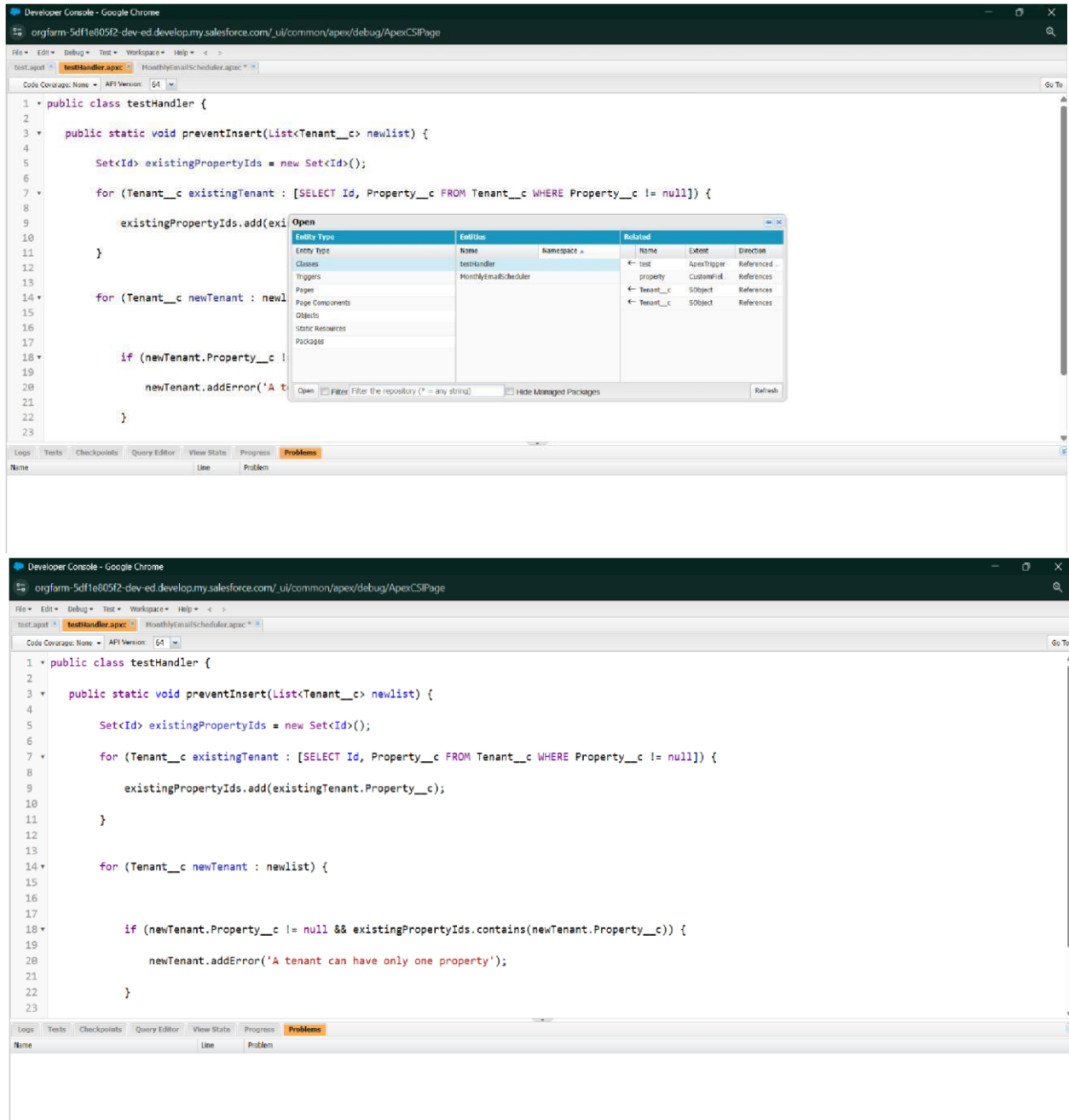


- Apex Trigger

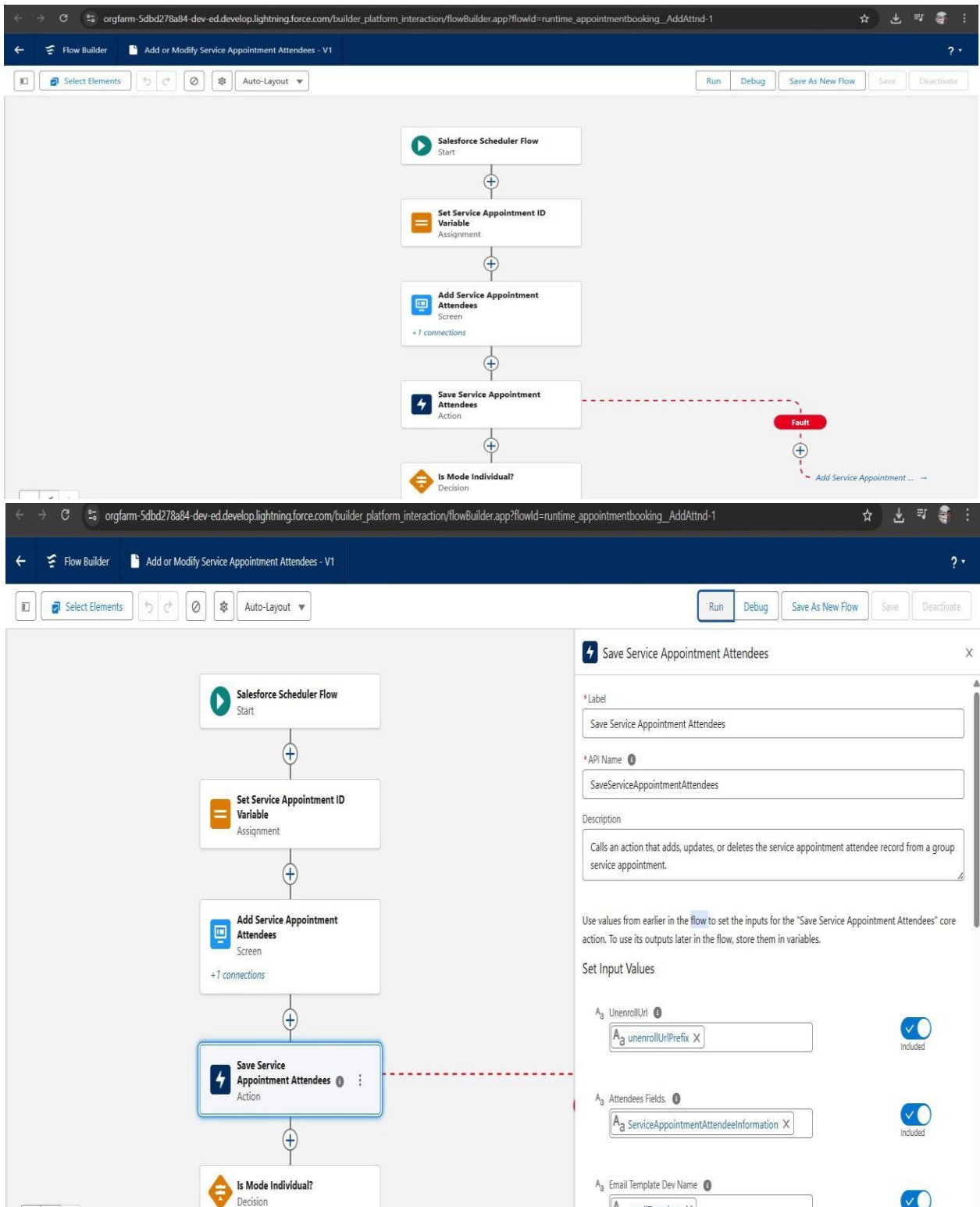
Create an Apex Trigger



Create an Apex Handler class



• FLOWS



- Schedule class:
Create an Apex
Class

The first screenshot shows the Salesforce Developer Console with the Apex class `MonthlyEmailScheduler` being created. The class implements the `Schedulable` interface and contains a `execute` method that calls `sendMonthlyEmails`. An `Open` dialog box is visible, showing the class hierarchy and related entities.

The second screenshot shows the same Apex class after it has been executed. The `execute` method is now empty, and the `sendMonthlyEmails` method is implemented to send an email to each tenant. The email content is: "I trust this email finds you well. I am writing to remind you that the monthly rent is due your timely payment ensures the smooth functioning of our rental arrangement and helps maintain a positive living environment for all."

Open Dialog Box Data:

Entity Type	Entity Name	Relationship Name	Related Name	Extent	Direction
Entity Type	testHandler				
Classes	MonthlyEmailScheduler				
Triggers					
Pages					
Page Components					
Objects					
Static Resources					
Packages					

Apex Class Code (MonthlyEmailScheduler):

```

1 global class MonthlyEmailScheduler implements Schedulable {
2
3     global void execute(SchedulableContext sc) {
4
5         Integer currentDay = Date.today().day();
6
7         if (currentDay == 1) {
8
9             sendMonthlyEmails();
10
11         }
12     }
13
14
15     public static void sendMonthlyEmails() {
16
17         List<Tenant__c> tenants = [SELECT Id, Email__c FROM Tenant__c];
18
19         for (Tenant__c tenant : tenants) {
20
21             String recipientEmail = tenant.Email__c;
22
23             String emailContent = "I trust this email finds you well. I am writing to remind you that the monthly rent is due your timely payment ensures the smooth functioning of our rental arrangement and helps maintain a positive living environment for all.";
24
25             String emailSubject = "Reminder: monthly rent payment due";
26
27             Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
28
29             email.setToAddresses(new String[]{recipientEmail});
30
31             email.setSubject(emailSubject);
32
33             email.setPlainTextBody(emailContent);
34
35             Messaging.sendEmail(new Messaging.SingleEmailMessage[]{email});
36
37         }
38     }
39 }

```

ADVANTAGES

Accurate Tracking – Monitors medicines, suppliers, leases, and patients in real time.

Automation – Flows handle monthly rent, payment alerts, and stock updates automatically.

Error Prevention – Validation rules ensure data integrity (e.g., lease dates, rent values).

Reduced Wastage – Tracks expiry dates to avoid expired stock usage.

Improved Efficiency – Saves time by reducing manual record-keeping and errors.

DISADVANTAGES

Implementation Cost – Requires investment in Salesforce setup, licenses, or tools.

Training Need – Users must learn how to operate the system properly.

Customization Complexity – Creating flows, validation rules, and roll-ups may need admin or developer expertise.

Data Dependency – System is only as good as the accuracy of the data entered.

Maintenance – Requires regular updates, monitoring, and troubleshooting.

RESULTS

Output Screenshots

orgfarm-5dbd278a84-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home

Search Setup

Setup Home Object Manager

tabs

User Interface

Rename Tabs and Labels

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

SETUP Tabs

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

[New](#) [What Is This?](#)

Action	Label	Tab Style	Description
Edit Del	Inventory Transactions	Computer	
Edit Del	Order Items	Leaf	
Edit Del	Products	Heart	
Edit Del	Purchase Orders	Desk	
Edit Del	Supplier objects	Fan	

Web Tabs

[New](#) [What Is This?](#)

No Web Tabs have been defined

Visualforce Tabs

[New](#) [What Is This?](#)

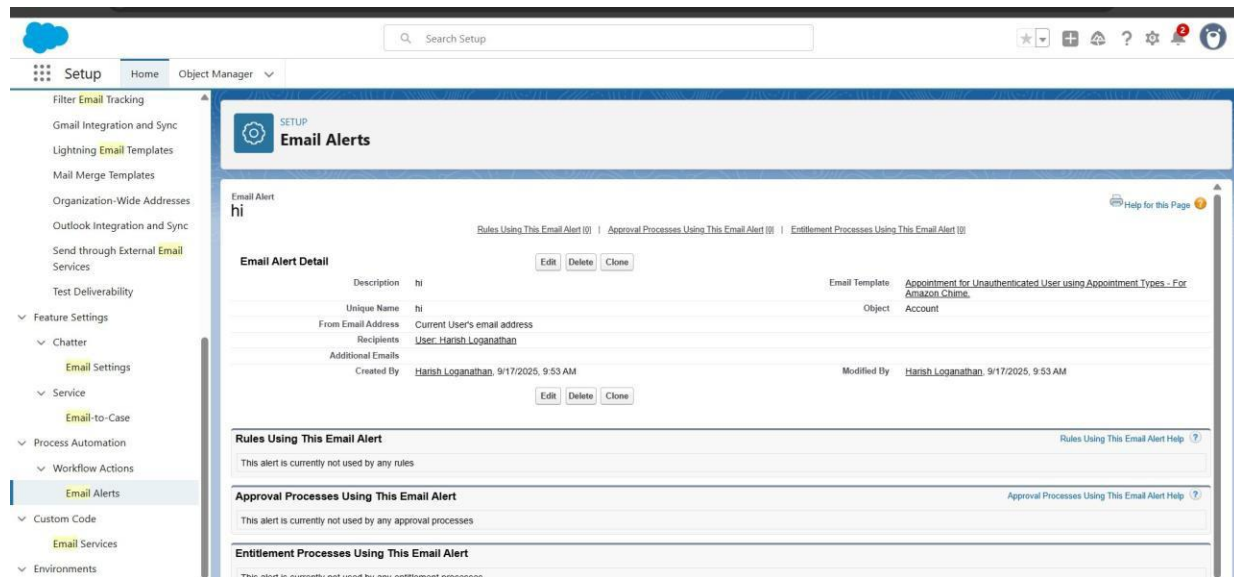
No Visualforce Tabs have been defined

Lightning Component Tabs

[New](#) [What Is This?](#)

Tabs for Product,Purchase Order, Order ID,Supplier

Email alerts



CONCLUSION

The Medical Inventory Management system ensures efficient handling of medicines, suppliers, purchase orders, patients, and lease records. By implementing automation through flows (monthly rent tracking and payment alerts) and enforcing validation rules on the Lease object (such as preventing expired equipment leases), the system enhances accuracy, safety, and compliance. Overall, it reduces manual errors, improves inventory control, and supports timely availability of critical medical supplies.

APPENDIX

- **Source Code:** Provided in Apex Classes and Triggers

```
public with sharing class MaintenanceRequestHelper {
    public static void updateWorkOrders(List<Case> updWorkOrders,
    Map<Id,Case> nonUpdCaseMap) {
        Set<Id> validIds = new Set<Id>();
```

```
For (Case c : updWorkOrders){  
  if (nonUpdCaseMap.get(c.Id).Status != 'Closed' && c.Status == 'Closed'){
```

```

        if (c.Type == 'Repair' || c.Type == 'Routine Maintenance'){
            validIds.add(c.Id);
        }
    }
}

if (!validIds.isEmpty()){
    List<Case> newCases = new List<Case>();
    Map<Id,Case> closedCasesM = new Map<Id,Case>([SELECT Id, Vehicle_c, Equipment
c, Equipment_r.Maintenance_Cycle_c,(SELECT Id,Equipment_c,Quantity_c FROM
Equipment_Maintenance_Items_r)
                                FROM Case WHERE Id IN :validIds]);
    Map<Id,Decimal> maintenanceCycles = new Map<ID,Decimal>();
    AggregateResult[] results = [SELECT Maintenance_Request_c,
MIN(Equipment_r.Maintenance_Cycle_c)cycle FROM Equipment_Maintenance_Item_c
WHERE Maintenance_Request_c IN :ValidIds GROUP BY Maintenance_Request_c];

    for (AggregateResult ar : results){
        maintenanceCycles.put((Id) ar.get('Maintenance_Request_c'), (Decimal) ar.get('cycle'));
    }

    for(Case cc : closedCasesM.values()){
        Case nc = new Case (
            ParentId = cc.Id,
            Status = 'New',
            Subject = 'Routine Maintenance',
            Type = 'Routine Maintenance',
            Vehicle_c = cc.Vehicle_c, Equipment
c = cc.Equipment_c, Origin = 'Web',
            Date_Reported_c = Date.Today()

        );

        If (maintenanceCycles.containsKey(cc.Id)){
            nc.Date_Due_c = Date.today().addDays((Integer) maintenanceCycles.get(cc.Id));
        }

        newCases.add(nc);
    }
}

```

```

insert newCases;

    List<Equipment_Maintenance_Item_c> clonedWPs = new
List<Equipment_Maintenance_Item_c>();
    for (Case nc : newCases){
        for (Equipment_Maintenance_Item_c wp :
closedCasesM.get(nc.ParentId).Equipment_Maintenance_Items_r){
            Equipment_Maintenance_Item_c wpClone = wp.clone();
            wpClone.Maintenance_Request_c = nc.Id;
            ClonedWPs.add(wpClone);

        }
    }
    insert ClonedWPs;
}
}
}

trigger MaintenanceRequest on Case (before update, after update) {
    if(Trigger.isUpdate && Trigger.isAfter){
        MaintenanceRequestHelper.updateWorkOrders(Trigger.New,
        Trigger.OldMap);
    }
}

```