

Project Files – Jewelry Management

Date	23 June 2025
Team ID	LTVIP2025TMID31339
Project Name	CRM Applica on for Jewel Management - (Developer)

Custom Salesforce Objects:

- 1.Jewel Customer
- 2.Item
- 3.Customer Order
- 4.Price
- 5.Billing

Custom Object Tabs:

The screenshot shows the Salesforce Setup interface for Custom Tabs. The browser address bar displays the URL: orgfarm-71fc344890-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home. The page header includes the Salesforce logo, a search bar, and navigation icons. The left sidebar shows the Setup menu with options like Home, Object Manager, and a search bar. The main content area is titled 'Custom Tabs' and includes a 'Help for this Page' link. Below the title, there is a description of Custom Object Tabs and a table listing existing tabs. The table has columns for Action, Label, Tab Style, and Description. The listed tabs are: Billings (Bank), Customer Orders (Apple), Items (Alarm clock), Jewel Customers (Airplane), and Prices (Balls). Below the table, there is a section for Web Tabs, which currently shows 'No Web Tabs have been defined'.

orgfarm-71fc344890-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home

Search Setup

Setup Home Object Manager

tab

Feature Settings

- Analytics
 - Tableau
 - Tableau Embedding
 - Tableau UAF Claims Definition
- User Interface
 - Console Settings
 - Loaded Console Tab Limit
 - Rename Tabs and Labels
 - Tabs**

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

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	Billings	Bank	
Edit Del	Customer Orders	Apple	
Edit Del	Items	Alarm clock	
Edit Del	Jewel Customers	Airplane	
Edit Del	Prices	Balls	

Web Tabs

New What Is This?

No Web Tabs have been defined

A Lightning app called Jewelry Inventory System with various tabs.

The screenshot shows the 'Jewelry Inventory System' Lightning app. The top navigation bar includes a search bar and several utility icons. The main content area is divided into a left sidebar and a main panel. The sidebar contains a 'Recently Viewed' section with a list of 10 items, each with a checkbox and a name: Annapurna, Sowmya, Pallavi, Sumitha, Ramya, Janaki, Mounika, Sailakshmi, Satya, and Pavan. A dropdown menu is open over the sidebar, showing options: 'Jewel Customers', 'Items', 'Customer Orders', 'Prices', 'Billings', 'Reports', 'Dashboards', and 'Edit'. The main panel displays a table with columns for 'Customer Name' and a dropdown menu. The table is currently empty. Above the table, there are buttons for 'New', 'Import', 'Change Owner', and 'Assign Label', and a search bar labeled 'Search this list...'. The table has a header row with a dropdown arrow and a body with 10 rows, each with a dropdown arrow.

Apex Code:

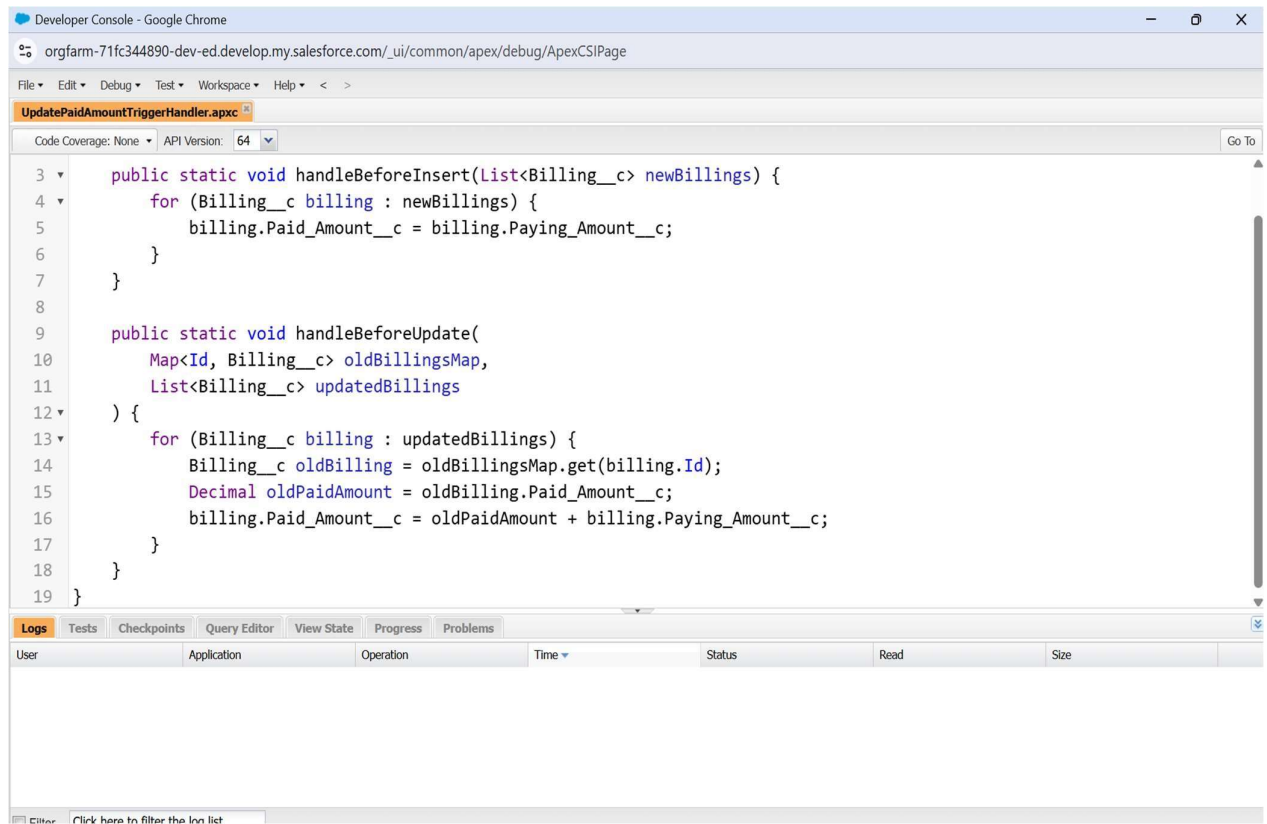
Apex Trigger: UpdatePaidAmountTrigger

The screenshot shows the Apex Code editor in Google Chrome. The code is for an Apex Trigger named 'UpdatePaidAmountTrigger' on the 'Billing__c' object. The trigger is set to fire 'before insert, before update'. The code is as follows:

```
1 trigger UpdatePaidAmountTrigger on Billing__c (before insert, before update) {
2     if (Trigger.isInsert) {
3         UpdatePaidAmountTriggerHandler.handleBeforeInsert(Trigger.new);
4     } else if (Trigger.isUpdate) {
5         UpdatePaidAmountTriggerHandler.handleBeforeUpdate(Trigger.oldMap, Trigger.new);
6     }
7 }
```

The editor interface includes a menu bar (File, Edit, Debug, Test, Workspace, Help), a toolbar (Code Coverage: None, API Version: 64), and a status bar (Logs, Tests, Checkpoints, Query Editor, View State, Progress, Problems). The status bar also shows a table with columns: User, Application, Operation, Time, Status, Read, and Size.

Apex Class : UpdatePaidAmountTriggerHandler



```
1 public static void handleBeforeInsert(List<Billing__c> newBillings) {
2     for (Billing__c billing : newBillings) {
3         billing.Paid_Amount__c = billing.Paying_Amount__c;
4     }
5 }
6
7 public static void handleBeforeUpdate(
8     Map<Id, Billing__c> oldBillingsMap,
9     List<Billing__c> updatedBillings
10 ) {
11     for (Billing__c billing : updatedBillings) {
12         Billing__c oldBilling = oldBillingsMap.get(billing.Id);
13         Decimal oldPaidAmount = oldBilling.Paid_Amount__c;
14         billing.Paid_Amount__c = oldPaidAmount + billing.Paying_Amount__c;
15     }
16 }
17 }
```

Validation Rules:

1.Postal Code

Error Condition Formula:

AND(

OR(

LEN(Zip_Postal_code__c) <> 6,

NOT(REGEX(Zip_Postal_code__c, "[0-9]{6}\$"))

),

NOT(ISBLANK(Zip_Postal_code__c))

)

The screenshot displays the Salesforce Setup interface for the 'Jewel Customer' object. The left sidebar contains a navigation menu with options like Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Jewel Customer Validation Rule' and includes a 'Back to Jewel Customer' link. Below this, the 'Validation Rule Detail' section shows the rule's configuration. The 'Rule Name' is 'Postal_Code', and it is marked as 'Active' with a checkmark. The 'Error Condition Formula' is defined as: `AND(OR(LEN(Zip_Postal_code__c) <> 6, NOT(REGEX(Zip_Postal_code__c, "[0-9]{6}$"))), NOT(ISBLANK(Zip_Postal_code__c)))`. The 'Error Message' is 'Must contain 6 digits', with instructions to select the error location as 'Field' and the field as 'Zip/Postal code'. The 'Error Location' is set to 'Top of Page'. The 'Description' field is empty. The 'Created By' and 'Modified By' fields both list 'Sai Pavan Kumar Nagam' with a timestamp of '6/24/2025, 8:57 AM'. 'Edit' and 'Clone' buttons are present for both the rule details and the description.

Validation Rule Detail		Active	✓
Rule Name	Postal_Code		
Error Condition Formula	AND(OR(LEN(Zip_Postal_code__c) <> 6, NOT(REGEX(Zip_Postal_code__c, "[0-9]{6}\$"))), NOT(ISBLANK(Zip_Postal_code__c)))		
Error Message	Must contain 6 digits", select the Error location as Field and select the field as "Zip/Postal code"	Error Location	Top of Page
Description			
Created By	Sai Pavan Kumar Nagam, 6/24/2025, 8:57 AM	Modified By	Sai Pavan Kumar Nagam, 6/24/2025, 8:57 AM

2.Validation Rule for Jewel Customer Object

Error Condition Formula:

OR(ISBLANK(City_c) , ISBLANK(Countryc),ISBLANK(Phonec),ISBLANK(Statec),ISBLANK(Street_c))

Setup Home Object Manager

Search Setup

Setup > OBJECT MANAGER

Jewel Customer

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

Jewel Customer Validation Rule

[Back to Jewel Customer](#) [Help for this Page](#)

Validation Rule Detail [Edit](#) [Clone](#)

Rule Name: ValidationRule_For_JewelCustomerObject Active: ☒

Error Condition Formula: OR(ISBLANK(City__c) , ISBLANK(Country__c), ISBLANK(Phone__c), ISBLANK(State__c), ISBLANK(Street__c))

Error Message: Please fill Required fields Error Location: Top of Page

Description:

Created By: Sai Pavan Kumar Nagam, 6/24/2025, 8:58 AM Modified By: Sai Pavan Kumar Nagam, 6/24/2025, 8:58 AM

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

Permission Sets:

“Per To Worker” is the permission set used here

orgfarm-71fc344890-dev-ed.develop.lightning.force.com/lightning/setup/PermSets/page?address=%2F0PSgK000003h9Kr%2Fe%3Fs%3DEntityPermiss...

Setup Home Object Manager

Search Setup

permi

Users

Permission Set Groups

Permission Sets

Custom Code

Custom Permissions

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

Permission Sets

Permission Set: **Per to Worker** [Video Tutorial](#) [Help for this Page](#)

[Find Settings...](#) [Clone](#) [Edit Properties](#) [Manage Assignments](#) [View Summary](#)

Permission Set Overview > Object Settings Items

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

Tab Settings

Available	Visible
<input type="checkbox"/>	<input type="checkbox"/>

Item: Record Type Assignments

Record Types	Assigned Record Types
Gold	<input checked="" type="checkbox"/>
Silver	<input checked="" type="checkbox"/>

orgfarm-71fc344890-dev-ed.develop.lightning.force.com/lightning/setup/PermSets/page?address=%2F0P5gK000003h9Kr

Setup Home Object Manager

permi

Users

Permission Set Groups

Permission Sets

Custom Code

Custom Permissions

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

SETUP

Permission Sets

Permission Set: **Per to Worker**

Find Settings... Clone Edit Properties Manage Assignments View Summary

Permission Set Overview

Description	API Name	Per to Worker
License	Namespace Prefix	
Session Activation Required	Created By	Sai Pavan Kumar Nagam, 6/24/2025, 4:43 AM
Permission Set Groups Added To	Last Modified By	Sai Pavan Kumar Nagam, 6/24/2025, 4:47 AM

Apps

Assigned Apps
Settings that specify which apps are visible in the app menu

Assigned Connected Apps
Settings that specify which connected apps are visible in the app menu

Object Settings
Permissions to access objects and fields, and settings such as tab availability

App Permissions
Permissions to perform app-specific actions, such as "Manage Call Centers"

Flow:

A record-Triggered Flow named “Project Flow” for billing.

orgfarm-71fc344890-dev-ed.develop.lightning.force.com/builder_platform_interaction/flowBuilder.app?flowId=301gK0000085fKLQAZ

Flow Builder Project Flow - V1

Last saved on 6/26/2025, 12:01 AM Active Run Debug View Tests Save As New Version Save Deactivate

Toolbox

Elements Manager

- Interaction (3)
 - Action
 - Subflow
 - Custom Error
- Logic (6)
 - Assignment
 - Decision
 - Loop
 - Transform
 - Collection Sort
 - Collection Filter
- Data (4)
 - Create Records
 - Update Records

Get more on the AppExchange

Flow Diagram

Start
Record-Triggered Flow

Object: **Billing** Edit

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

Action
notice