Subscription / Personal Services Tracker CRM

Phase 5: Apex Programming (Developer)

OBJECTIVE:

To implement **custom logic** using Apex programming where Flows are not sufficient.

You'll write Apex Classes, Triggers, and optionally Test Classes.

WHAT WE WILL BUILD:

Component Purpose

Apex Automatically update Renewal Status in Subscription after

Trigger End Date

Apex Class A helper class to send alert when Payment is Overdue

Test Class Apex test methods for deployment validation

TOOLS NEEDED:

- Salesforce Developer Console
- Developer Org with Subscription and Payment objects
- Existing fields from Phase 3

TRIGGER – Auto-update Renewal Status in Subscription

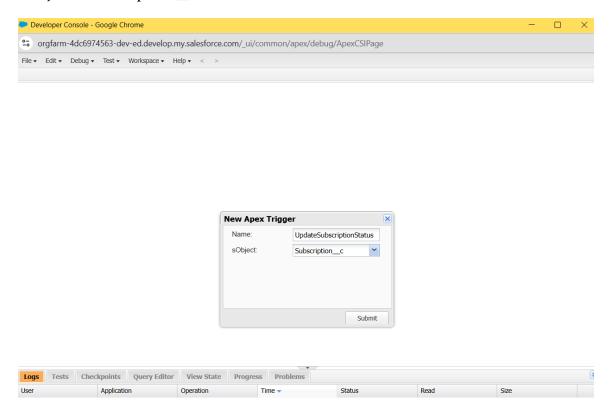
Create Apex Trigger

Navigation:

Developer Console \rightarrow File \rightarrow New \rightarrow Apex Trigger

Trigger Name: UpdateSubscriptionStatus

SObject: Subscription_c



Step 3: Test the Trigger

1. Go to Subscription tab \rightarrow New

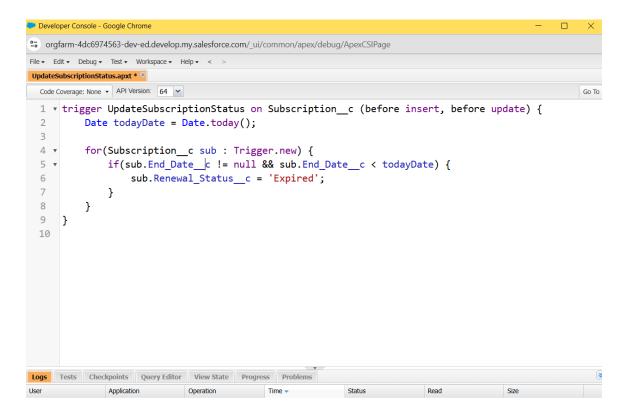
APEX CLASS - Alert on Payment Overdue

Step 1: Create Apex Class

Navigation:

Developer Console \rightarrow File \rightarrow New \rightarrow Apex Class

Class Name: PaymentAlertHandler



TRIGGER - Call Apex Class on Payment Insert

Step 1: Create Trigger

Navigation:

Developer Console \rightarrow File \rightarrow New \rightarrow Apex Trigger

Trigger Name: PaymentOverdueTrigger

SObject: Payment_c

