Project Files

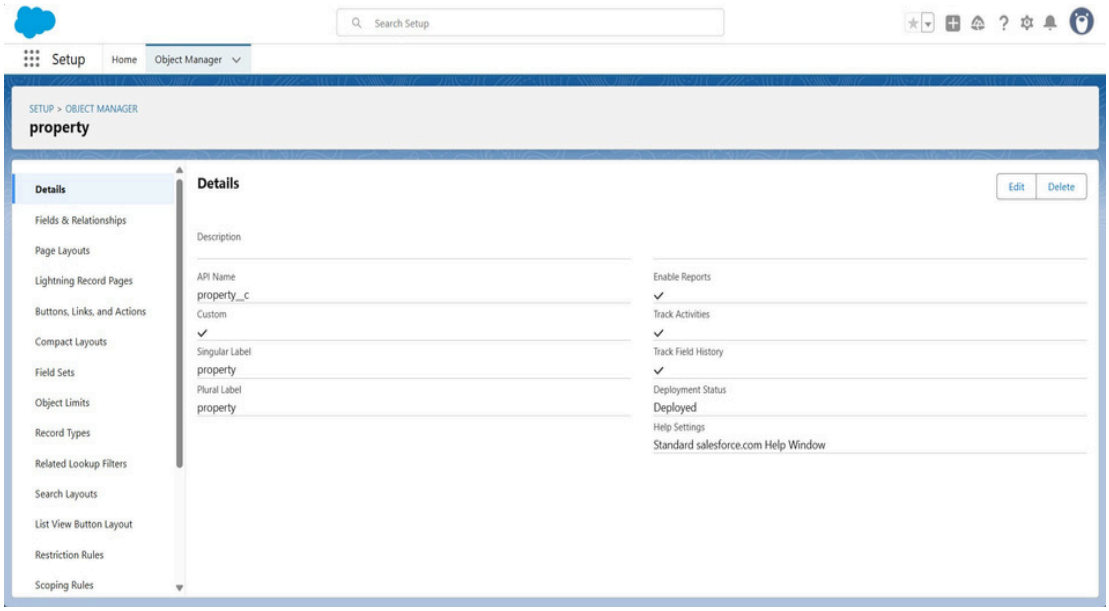
Date	20 JUNE 2025
Team ID	LTVIP2025TMID29234
Project Name	Lease Management
Maximum Marks	

This is a Salesforce-based implementation, so the "executables" are not traditional .exe files but configurations and custom code within the Salesforce ecosystem. The project includes:

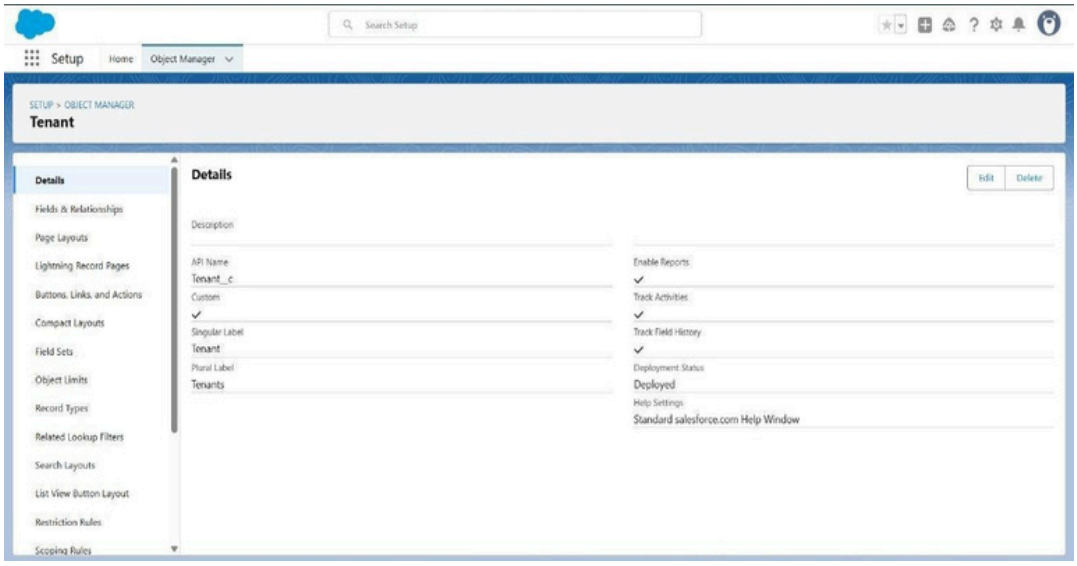
A. Custom Salesforce Objects

Created via Salesforce Setup:

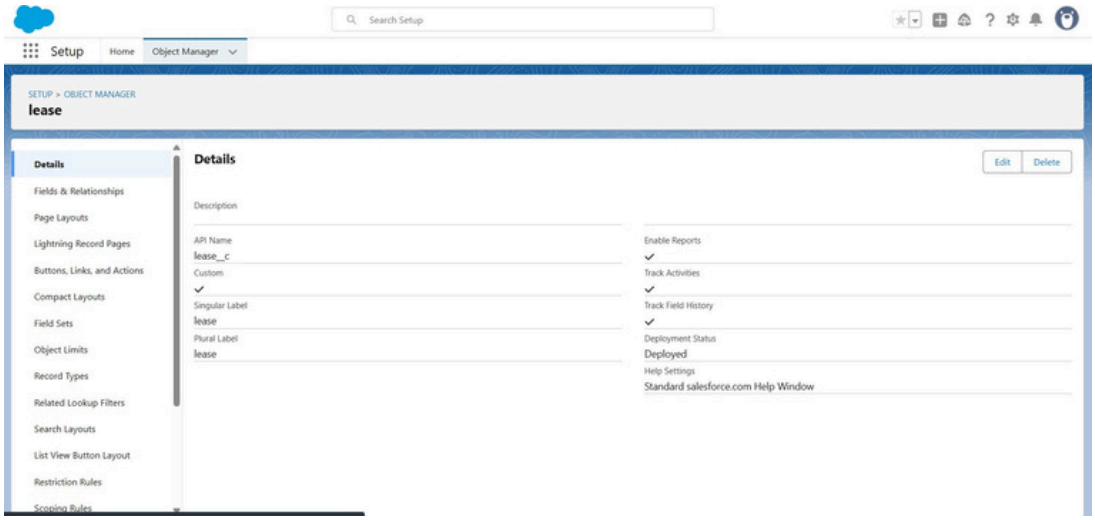
- Property



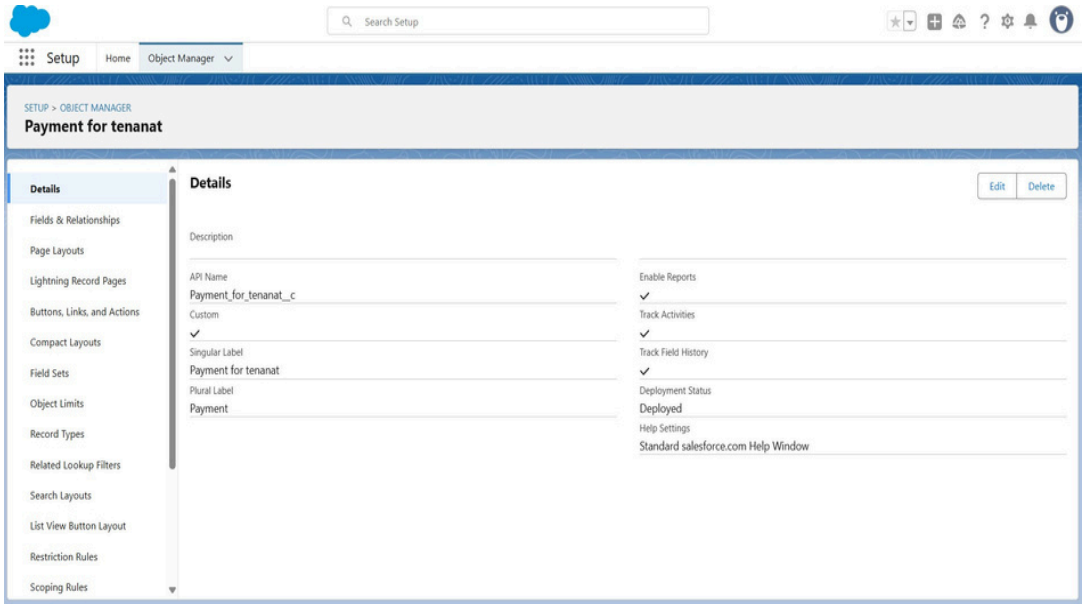
● Tenant



● Lease

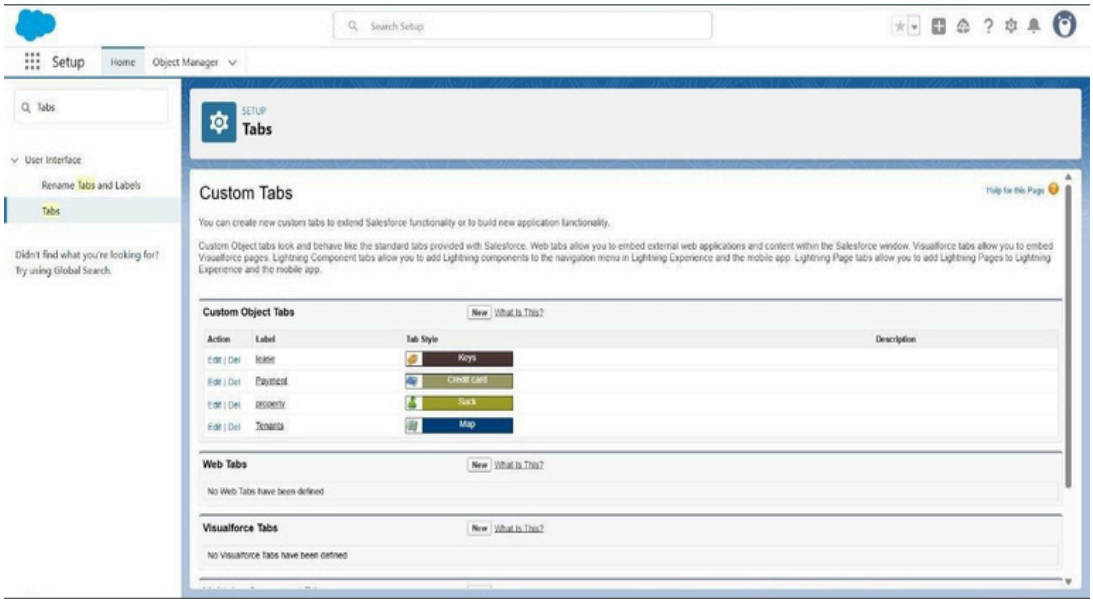


- Payment for Tenant

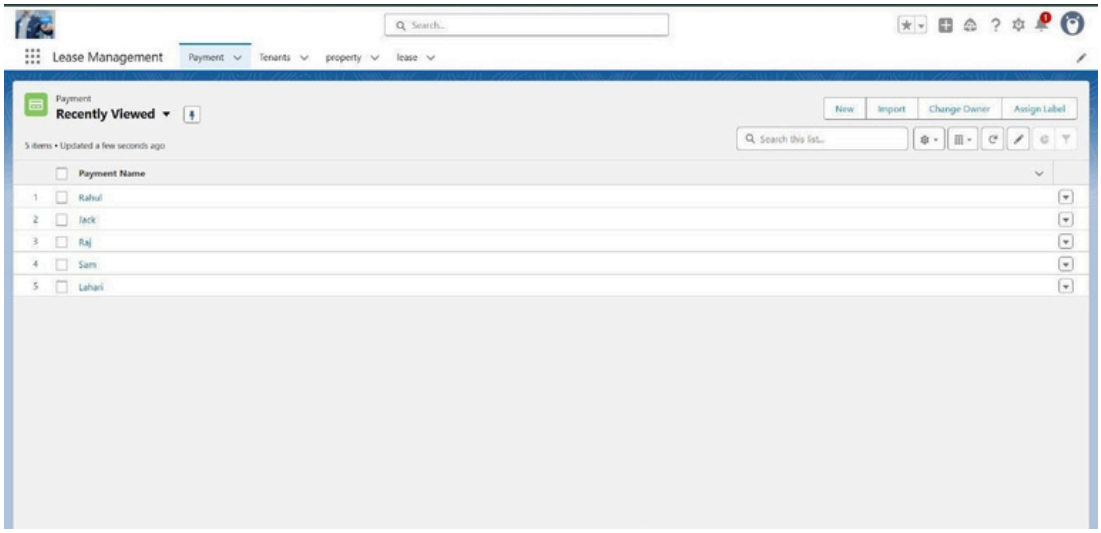


B. Custom Tabs and App

- Tabs for each object

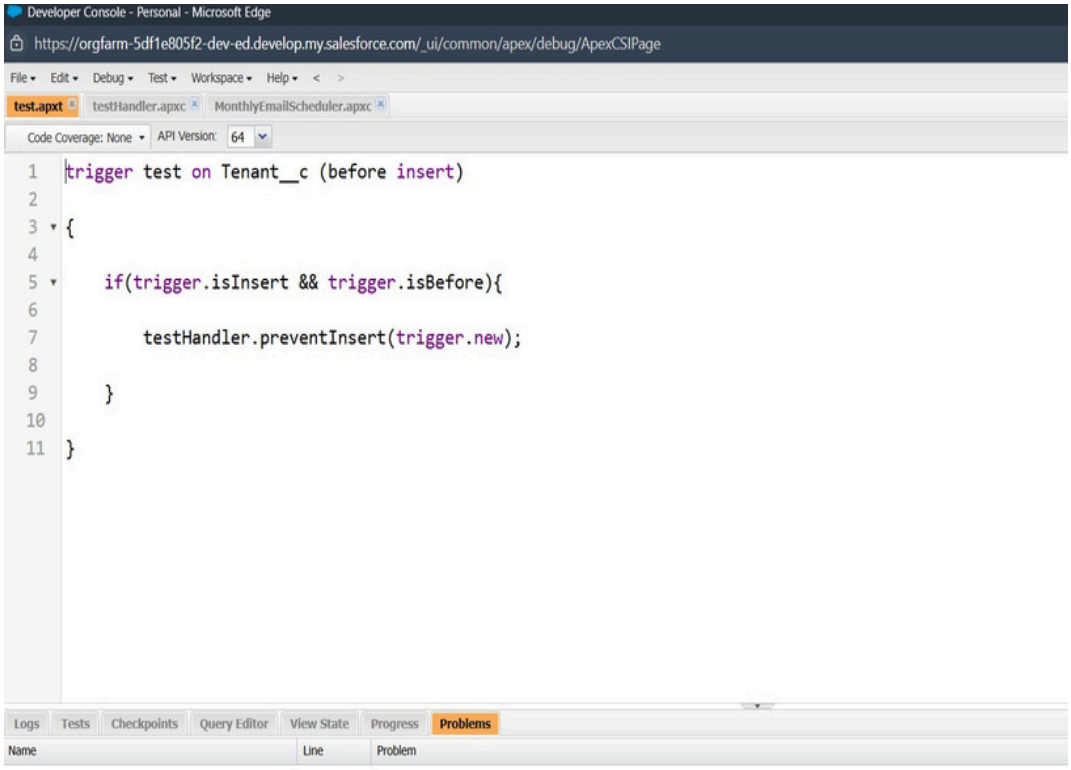


- A Lightning App called **Lease Management** with navigation setup

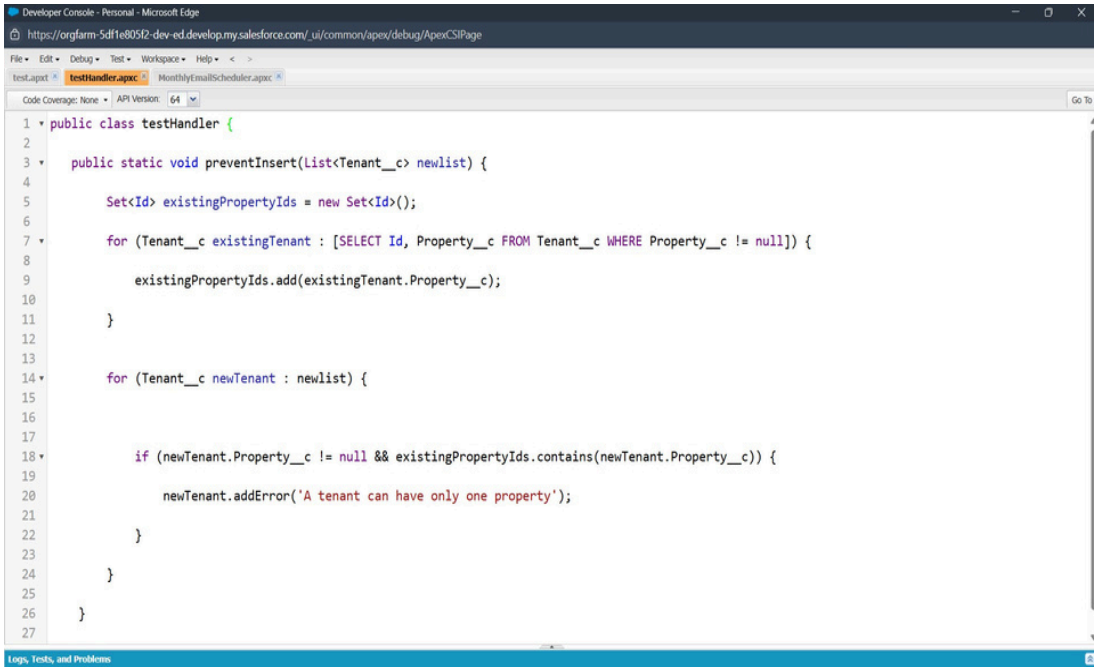


C. Apex Code (Custom Backend Logic)

- **Apex Trigger**: test on Tenant__c

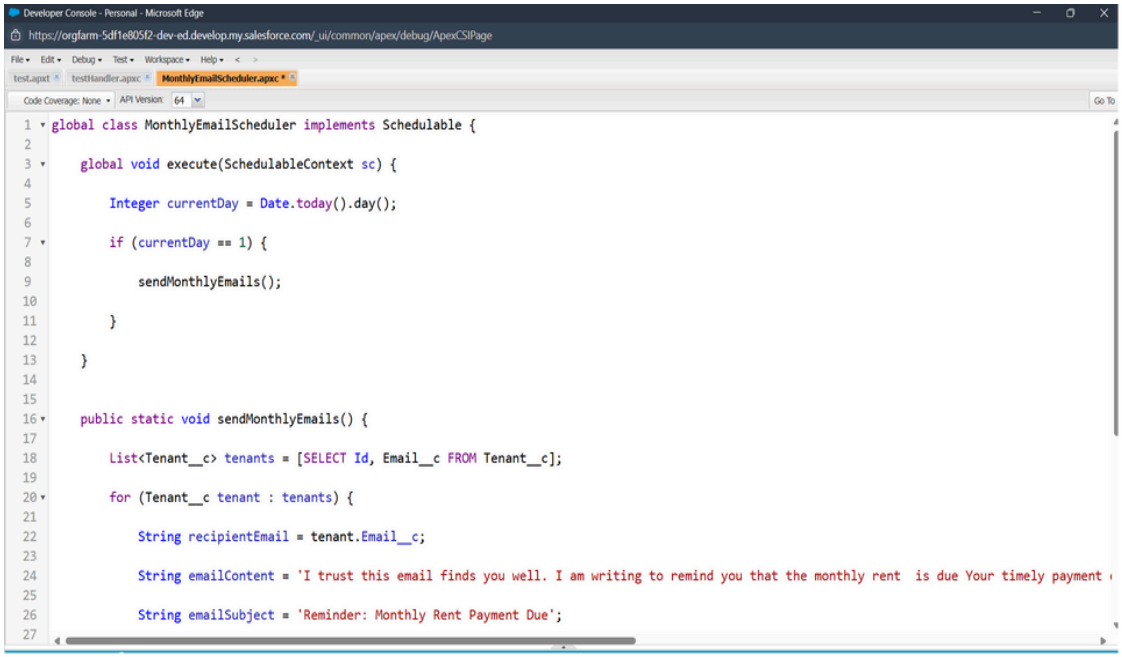


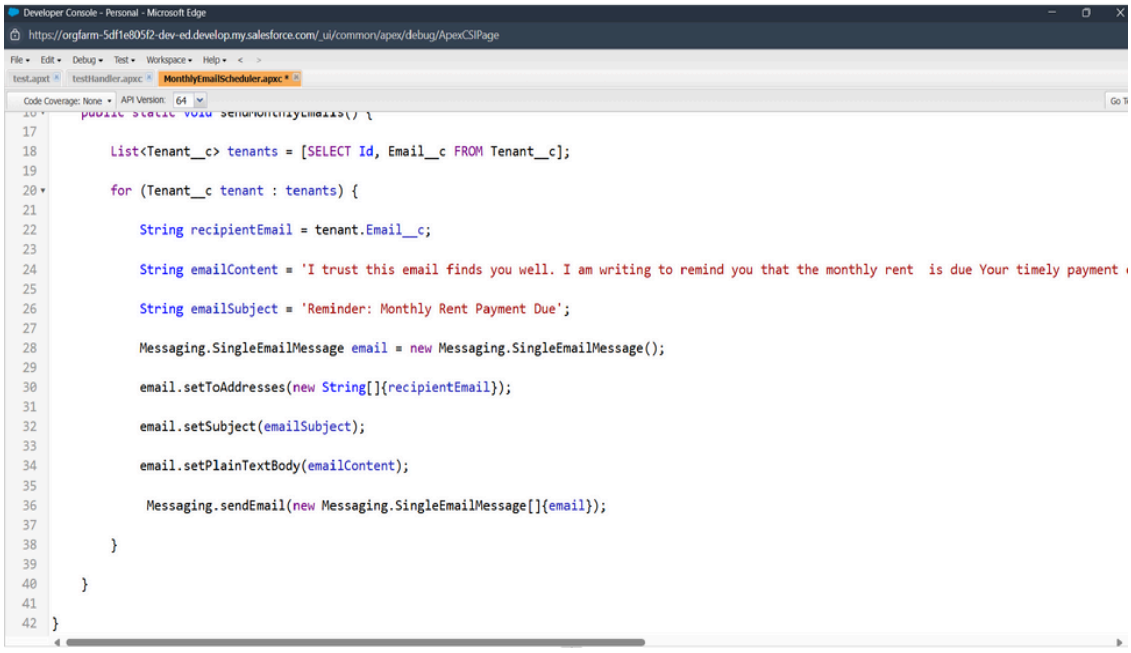
- **Apex Handler Class**: testHandler




```apex
public class testHandler {

    public static void preventInsert(List<Tenant__c> newlist) {

        Set<Id> existingPropertyIds = new Set<Id>();

        for (Tenant__c existingTenant : [SELECT Id, Property__c FROM Tenant__c WHERE Property__c != null]) {

            existingPropertyIds.add(existingTenant.Property__c);

        }


        for (Tenant__c newTenant : newlist) {


            if (newTenant.Property__c != null && existingPropertyIds.contains(newTenant.Property__c)) {

                newTenant.addError('A tenant can have only one property');

            }

        }

    }

```

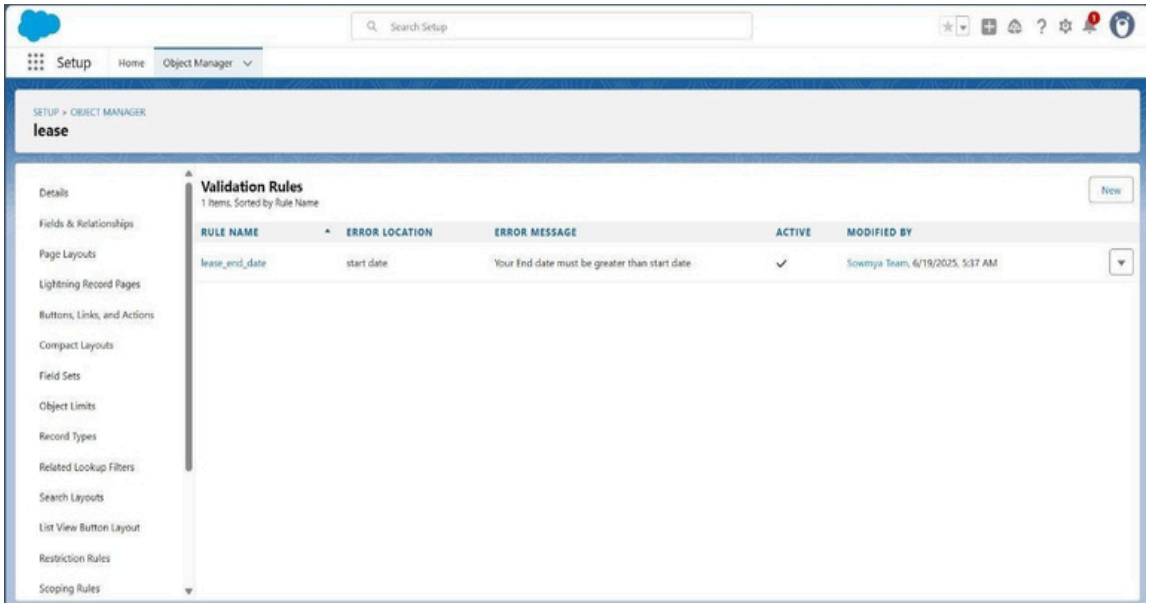
- **Scheduled Apex Class**: MonthlyEmailScheduler





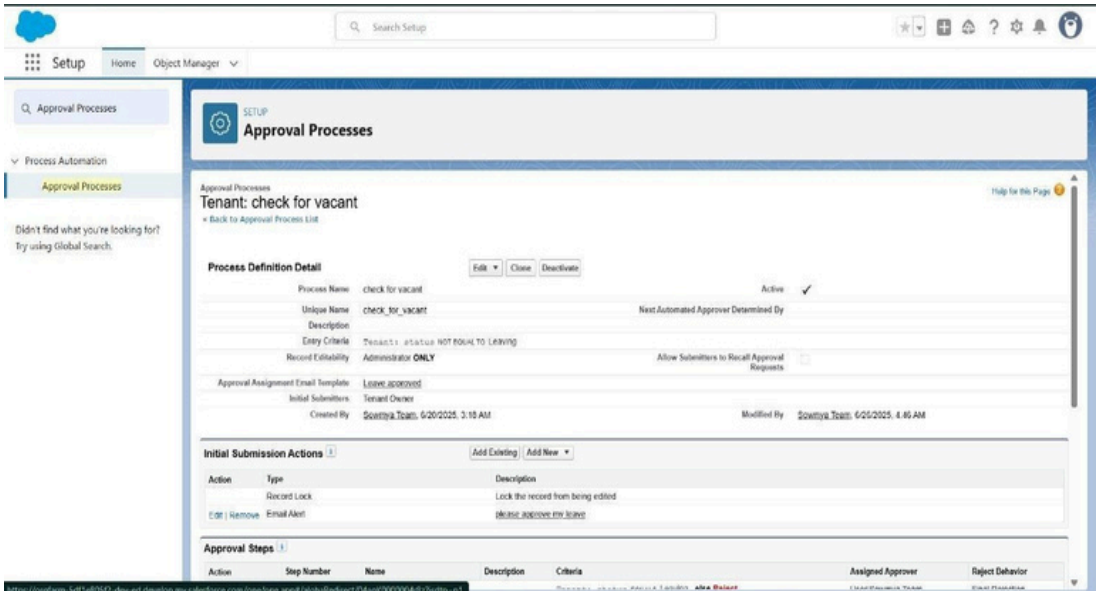
D. Validation Rule

- Lease object has a rule: End_date__c > Start_date__c



E. Approval Process

- For Tenant object: “Check for vacant”



F. Flows

- **Record-Triggered Flow** for monthly payment email when payment is marked as “Paid”