LEAST MANAGEMENT

CollegeName:SriRamalingaSowdambigaiCollegeofScienceand Commerce

College Code: bru3y

TEAM ID: NM2025TMID25498

TEAM MEMBERS: 5

Team LeaderName: Rithika.s

Email: rithusara123@gmail.com

Team Member1: Pavithra.s

Email: Pavi292303@gmail.Com

Team Member: Pradhanya.k

Email: papapradhanya@gmail.com

Team Member: Sharmila.s

Email: Sharmila.23.05.2006@gmail.com

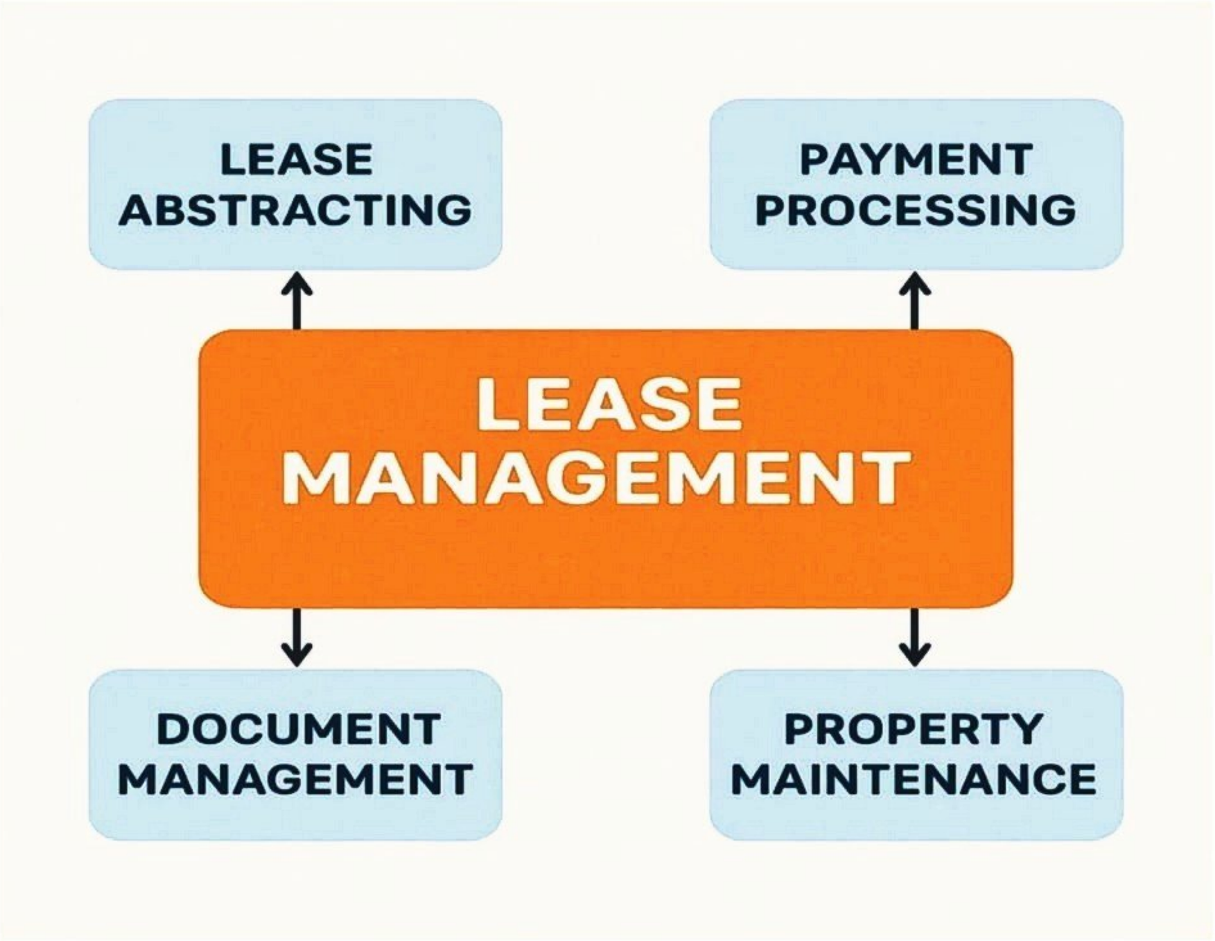
Team Member: Santhika.t

Email: Santhikakaran@gmail.com

1.INTRODUCTION

1.1 Project Overview

TheLease Management Systemisa Salesforce-based application designed to streamline the processes associated with leasingreal estate properties. It handles tenant management, lease contracts, payments, and communication with automation features such as flows, approval processes, and email alerts.



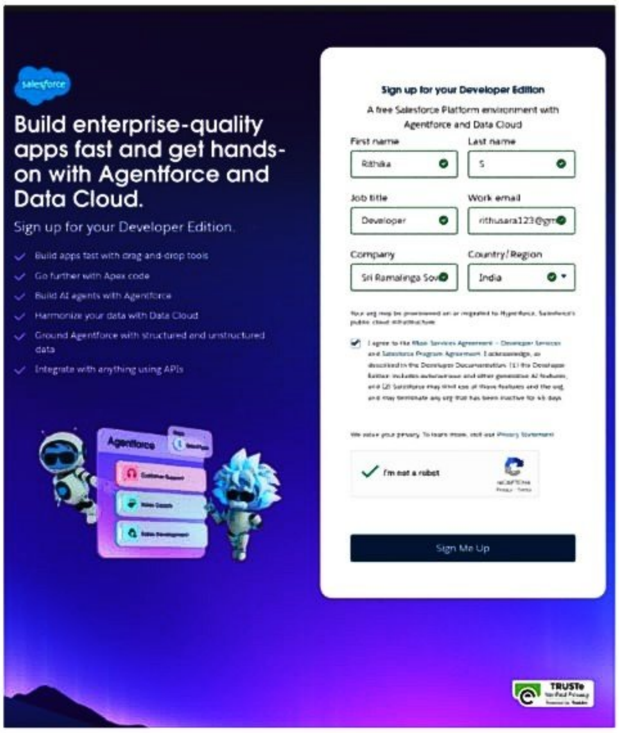
1.2 Purpose

Themainobjectiveofthe project is to enable organizations to efficiently manage properties, tenants, and lease-related activities. It reduces manual intervention, improves accuracy, and ensures better compliance and communication.

DEVELOPMENT PHASE

Creating Developer Account:

Byusing this URL - https://www.salesforce.com/form/developer-signup/?d=pb



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- ✓ Go further with Apex code
- ✓ Build AI agents with Agentforce
- ✓ Harmonize your data with Data Cloud
- ✓ Ground Agentforce with structured and unstructured data
- ✓ Integrate with anything using APIs

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First name Rithika	Last name S
Job title Developer	Work email rithusara123@gm
Company Sri Ramalinga Sov	Country/Region India

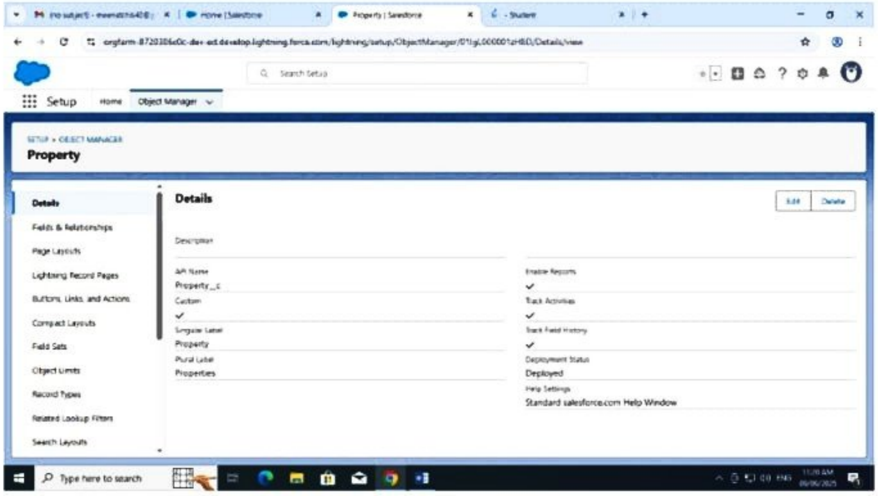
Your org may be provisioned on or migrated to Hyperforce, Salesforce's public cloud infrastructure.

☑ 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.

✓ I'm not a robot

- Created objects: Property, Tenant, Lease, Payment



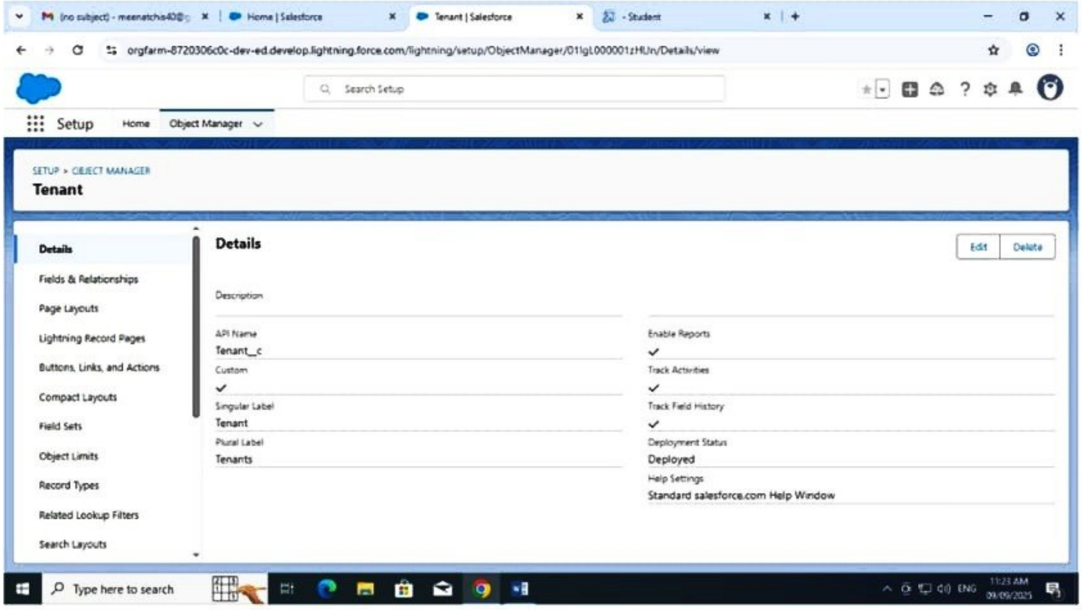
(no subject) - meenatchi408@
Home | Salesforce
Property | Salesforce
- Student
orgfarm-8720306e0c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IgL000001zHBD/Details/view
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER

Property

Details

Description

API Name Property__c	Enable Reports ✓
Custom ✓	Track Activities ✓
Singular Label Property	Track Field History ✓
Plural Label Properties	Deployment Status Deployed
	Help Settings Standard salesforce.com Help Window



orgfarm-8720306c0c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IgL000001zHUn/Details/view

Tenant

Details

Description

API Name
Tenant__c

Custom
✓

Singular Label
Tenant

Plural Label
Tenants

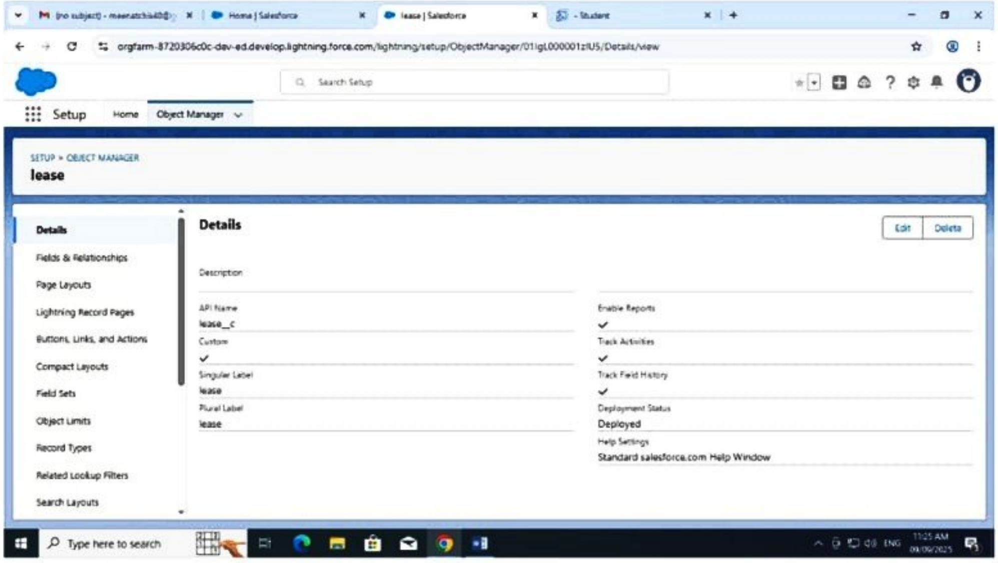
Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window



orgfarm-8720306c0c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IgL000001zIU5/Details/view

lease

Details

Description

API Name
lease__c

Custom
✓

Singular Label
lease

Plural Label
lease

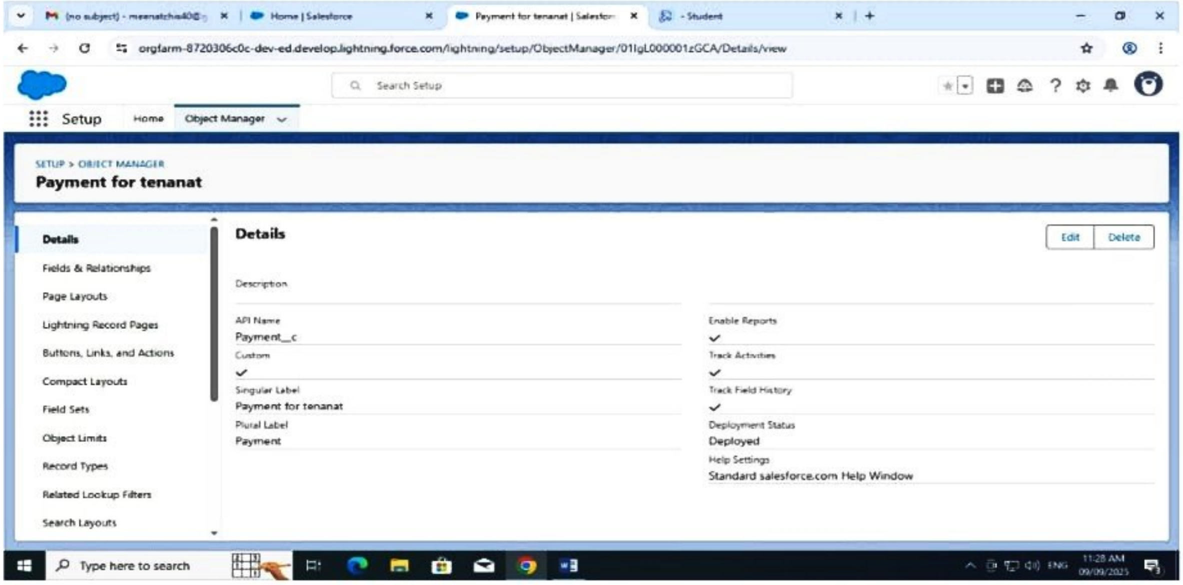
Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window



SETUP > OBJECT MANAGER

Payment for tenanat

Details

Description

API Name
Payment__c

Custom
✓

Singular Label
Payment for tenanat

Plural Label
Payment

Enable Reports
✓

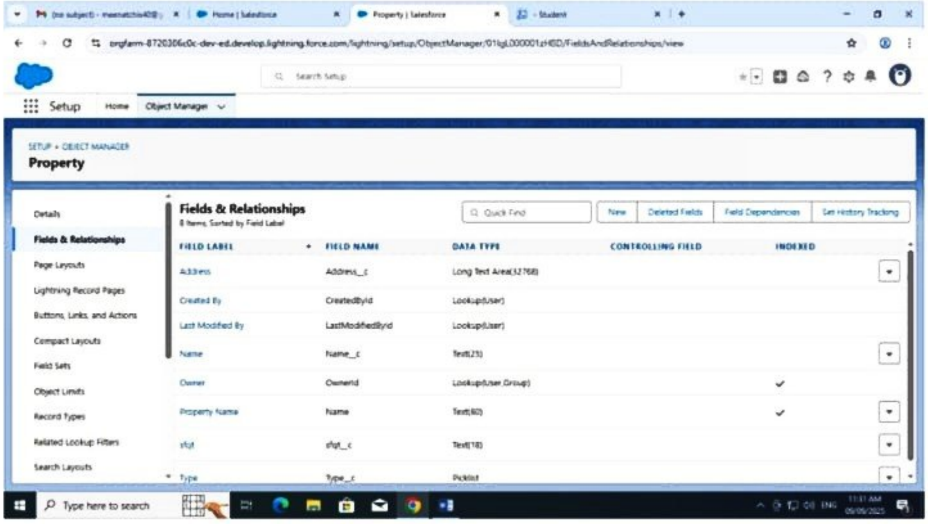
Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

- Configured fields and relationships



orgfarm-8720306c0c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IgL000001zHSD/FieldsAndRelationships/view

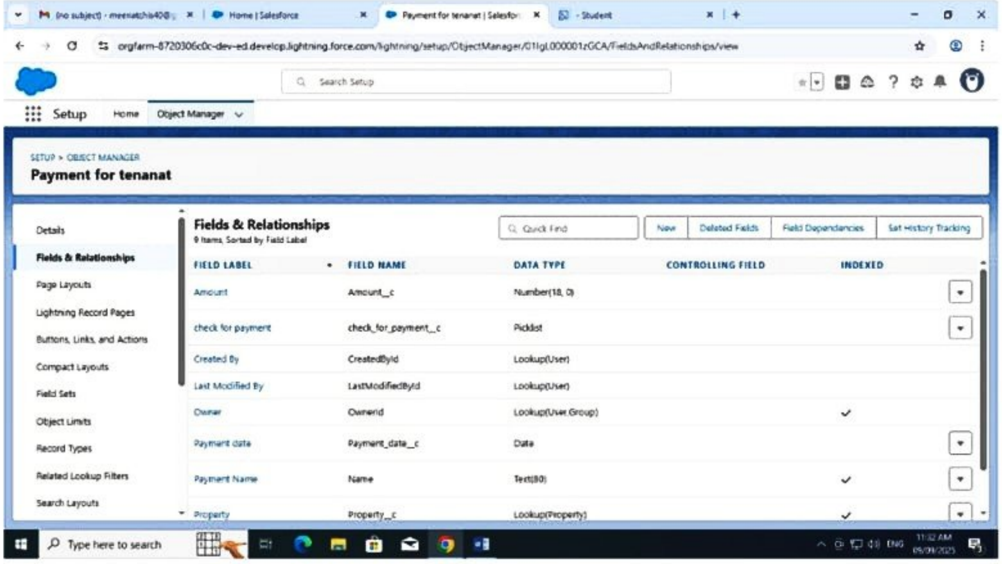
SETUP > OBJECT MANAGER

Property

Fields & Relationships

8 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Long Text Area(32768)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Name	Name__c	Text(25)		
Owner	OwnerId	Lookup(User,Group)		✓
Property Name	Name	Text(80)		✓
sfqt	sfqt__c	Text(18)		
Type	Type__c	Picklist		



orgfarm-8720306c0c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IgL000001zGCA/FieldsAndRelationships/view

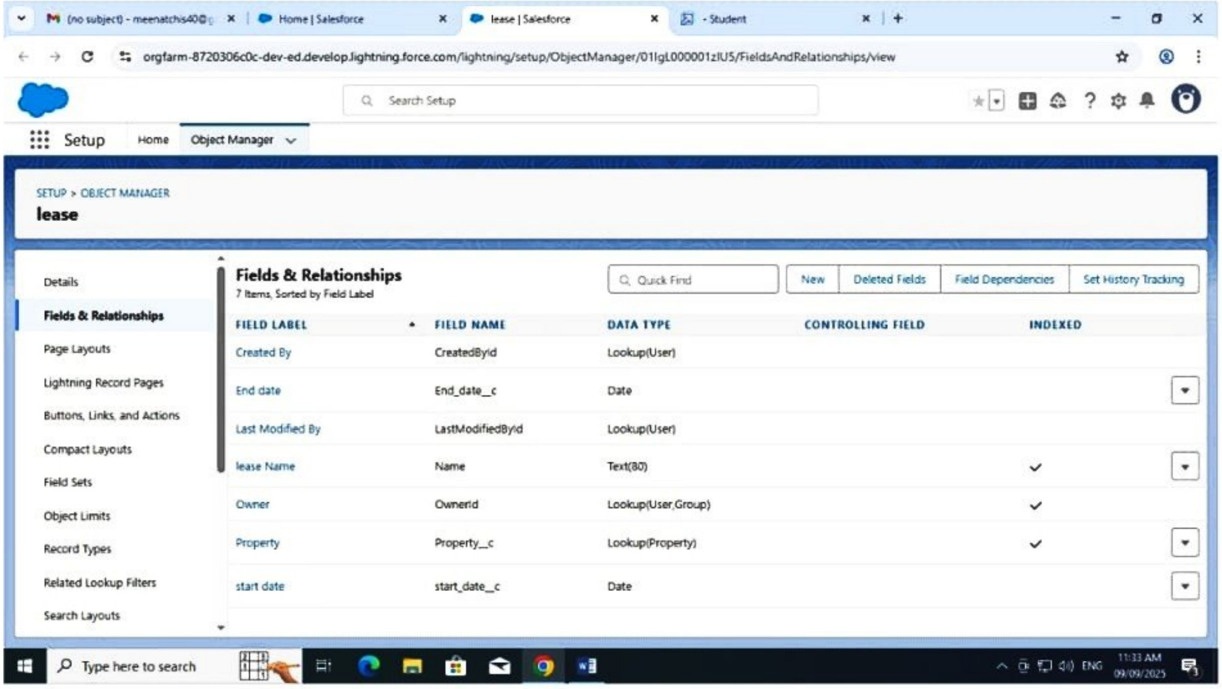
SETUP > OBJECT MANAGER

Payment for tenanat

Fields & Relationships

9 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Amount	Amount__c	Number(18, 0)		
check for payment	check_for_payment__c	Picklist		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Payment date	Payment_date__c	Date		
Payment Name	Name	Text(80)		✓
Property	Property__c	Lookup(Property)		✓



orgfarm-8720306c0c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IgL000001zIU5/FieldsAndRelationships/view

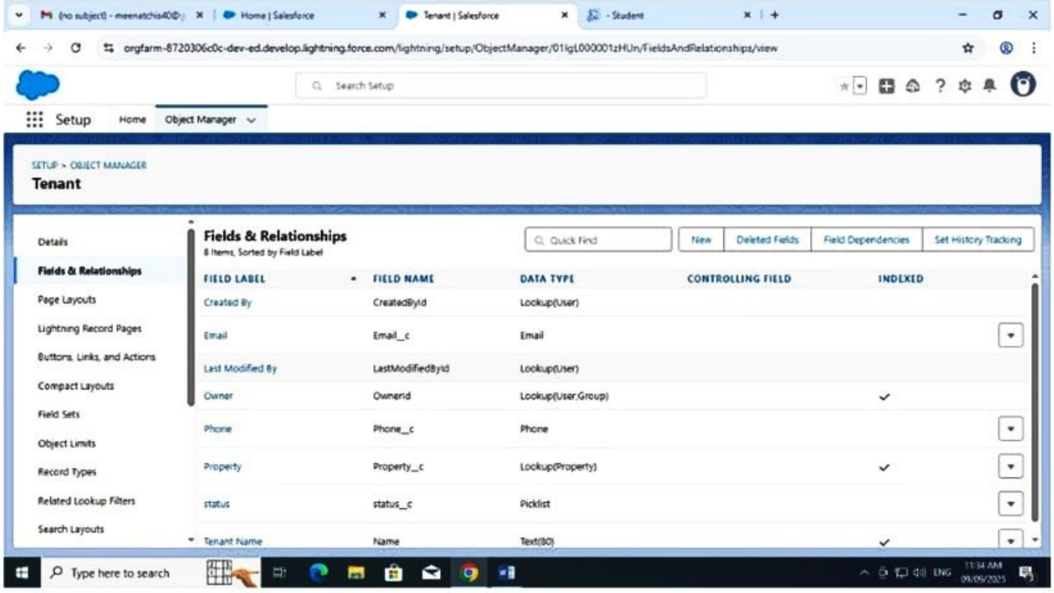
SETUP > OBJECT MANAGER

lease

Fields & Relationships

7 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
End date	End_date__c	Date		
Last Modified By	LastModifiedById	Lookup(User)		
lease Name	Name	Text(80)		✓
Owner	OwnerId	Lookup(User,Group)		✓
Property	Property__c	Lookup(Property)		✓
start date	start_date__c	Date		



orgfarm-8720306c0c-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01IgL000001zHUn/FieldsAndRelationships/view

SETUP > OBJECT MANAGER

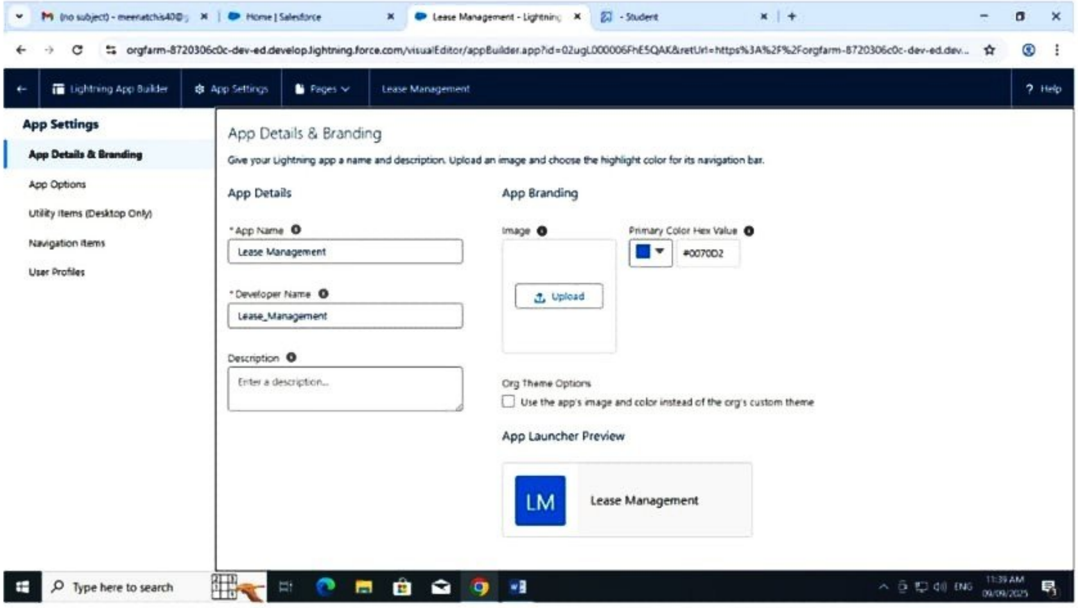
Tenant

Fields & Relationships

8 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Email	Email__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Phone	Phone__c	Phone		
Property	Property__c	Lookup(Property)		✓
status	status__c	Picklist		
Tenant Name	Name	Text(80)		✓

- Developed Lightning App with relevant tabs



orgfarm-8720306c0c-dev-ed.develop.lightning.force.com/visualEditor/appBuilder.app?id=02ugL000006FhE5QAK&retUrl=https%3A%2F%2Forgfarm-8720306c0c-dev-ed.dev...

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: Lease Management

*Developer Name: Lease_Management

Description: Enter a description...

App Branding

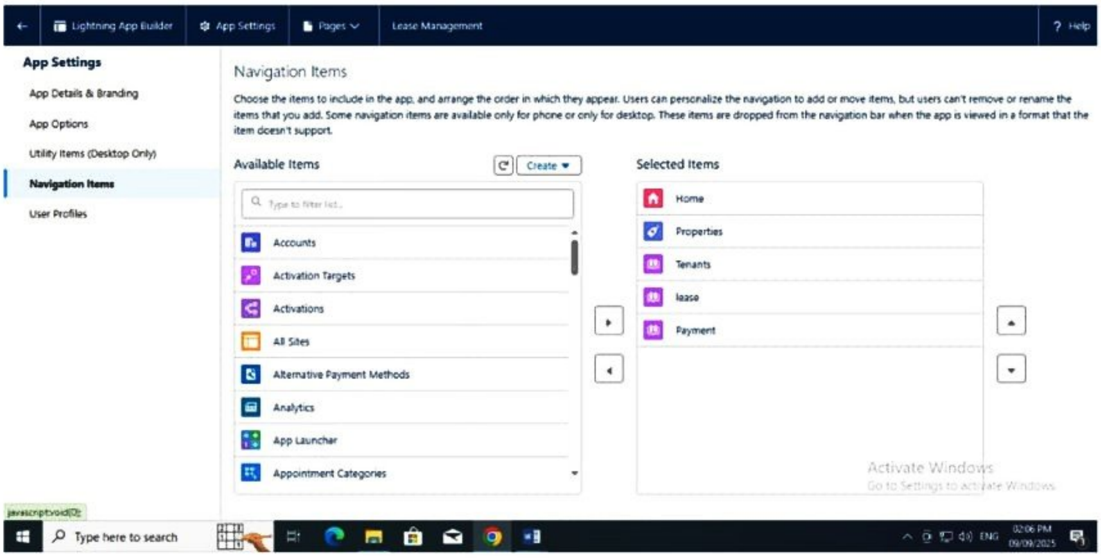
Primary Color Hex Value: #0070D2

Org Theme Options

□ Use the app's image and color instead of the org's custom theme

App Launcher Preview

LM Lease Management



Navigation Items

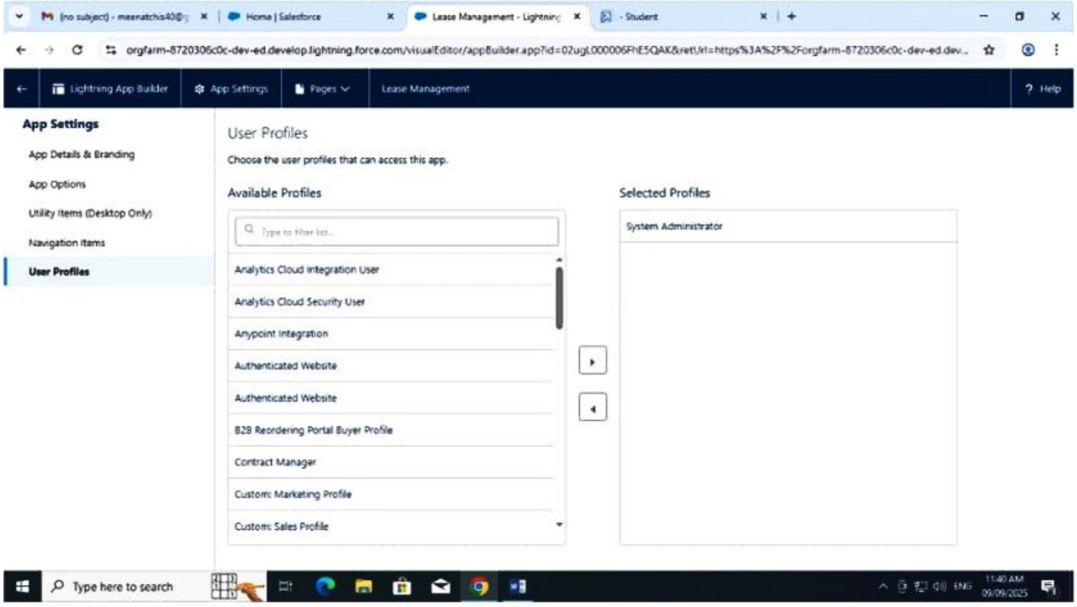
Choose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or rename the items that you add. Some navigation items are available only for phone or only for desktop. These items are dropped from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

Available Items

- Accounts
- Activation Targets
- Activations
- All Sites
- Alternative Payment Methods
- Analytics
- App Launcher
- Appointment Categories

Selected Items

- Home
- Properties
- Tenants
- lease
- Payment



User Profiles

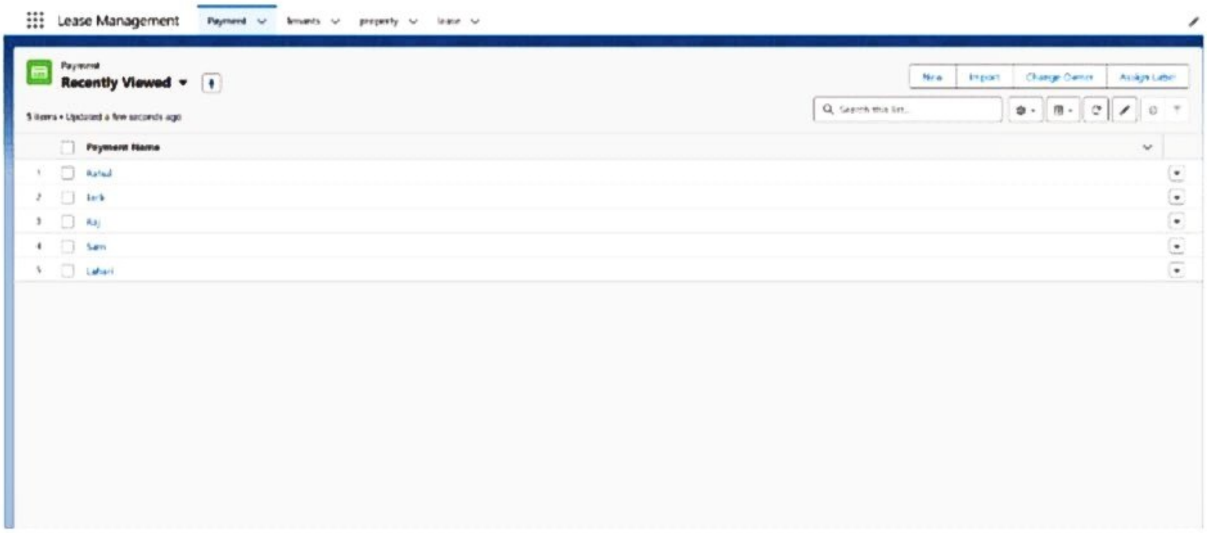
Choose the user profiles that can access this app.

Available Profiles

- 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

Selected Profiles

- System Administrator



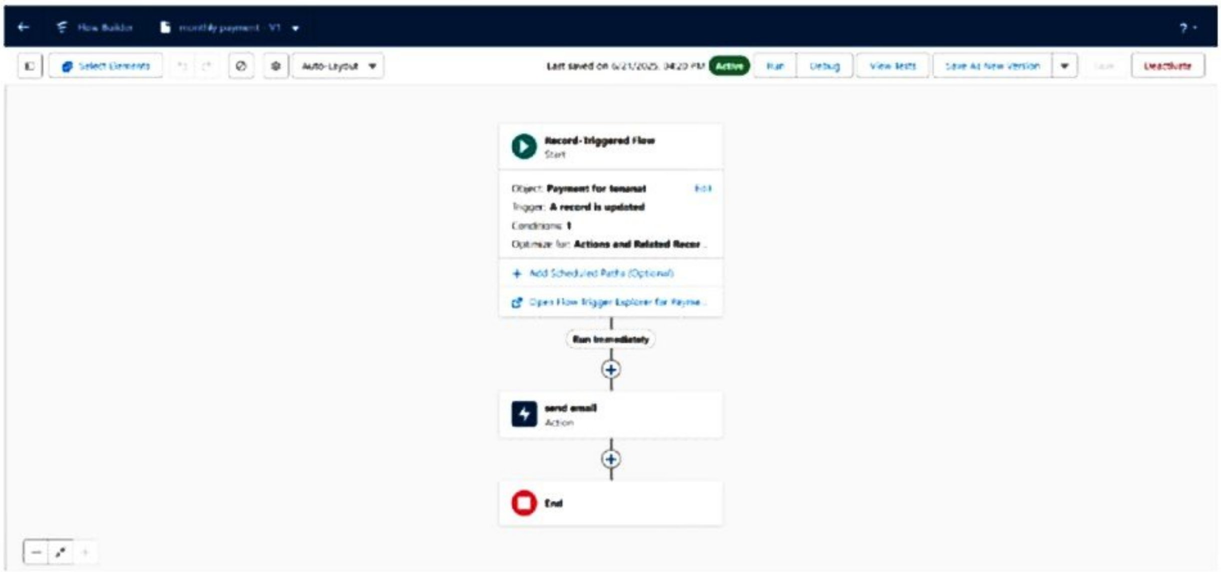
Payment

Recently Viewed

5 items • Updated a few seconds ago

	Payment Name
1	Rahul
2	lerk
3	Raj
4	Sam
5	Lahari

- Implemented Flows for monthly rent and payment success



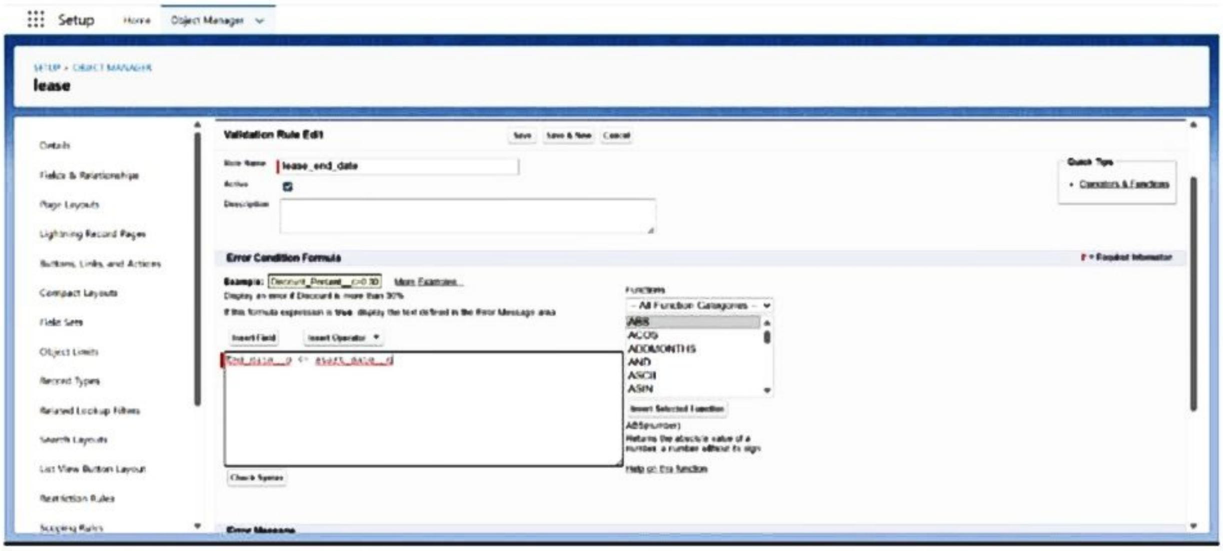
Object: **Payment for tenanat**

Trigger: **A record is updated**

Conditions: **1**

Optimize for: **Actions and Related Recor...**

- To create a validation rule to a Lease Object



Rule Name: lease_end_date

Active: ☑

Description:

Example: Discount_Percent__c>0.30

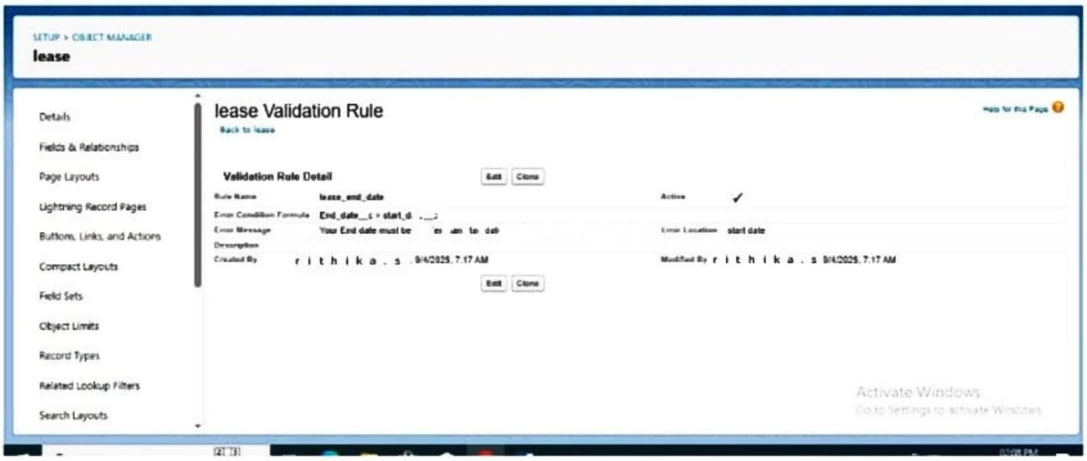
Display an error if Discount is more than 30%

If this formula expression is true, display the text defined in the Error Message area

```
End_date__c <= start_date__c
```

ABS(number)

Returns the absolute value of a number, a number without its sign



SETUP > OBJECT MANAGER

lease

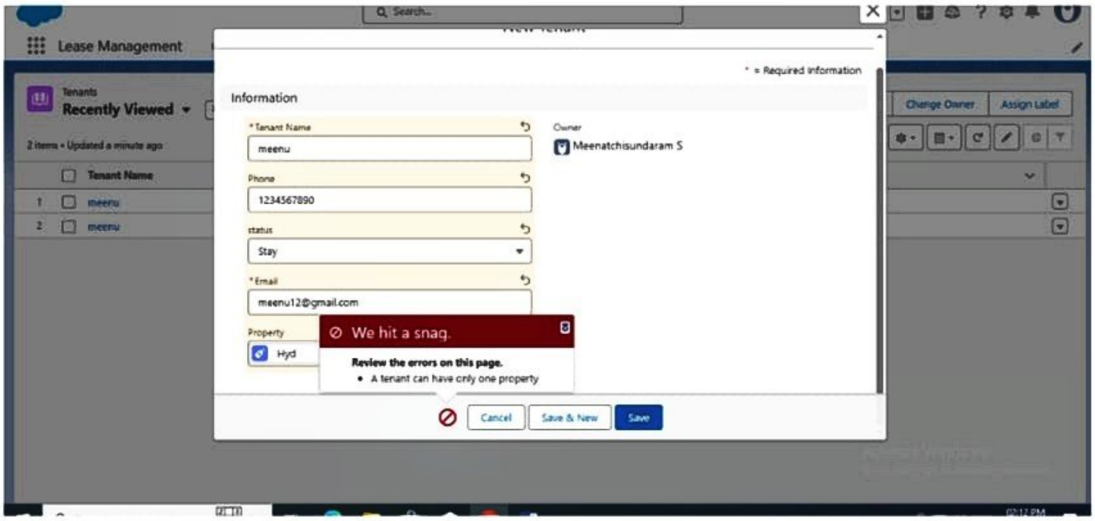
lease Validation Rule

Back to lease

Validation Rule Detail

Rule Name	lease_end_date	Active	✓
Error Condition Formula	End_date__c > start_d [illegible]		
Error Message	Your End date must be [illegible]	Error Location	start date
Description			
Created By	rithika.s 9/4/2025, 7:17 AM	Modified By	rithika.s 9/4/2025, 7:17 AM

- Added Apex trigger to restrict multiple tenants per property



2 items • Updated a minute ago

	Tenant Name
1	meenu
2	meenu

* = Required information

Information

*Tenant Name: meenu

Phone: 1234567890

status: Stay

*Email: meenu12@gmail.com

Property: Hyd

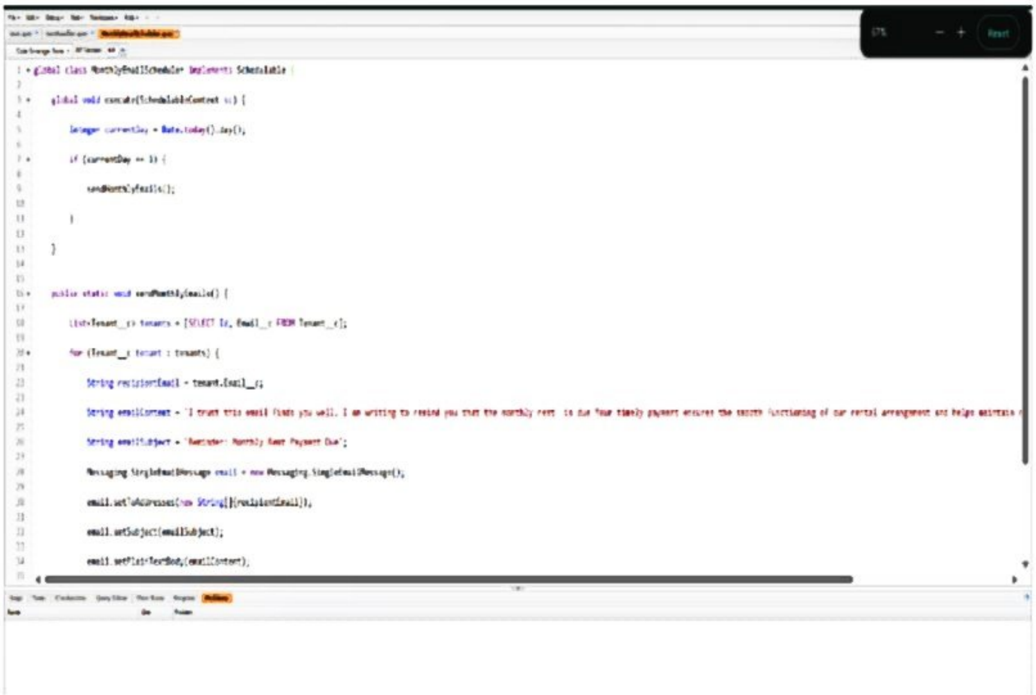
Owner: Meenatchisundaram S

We hit a snag.

Review the errors on this page.

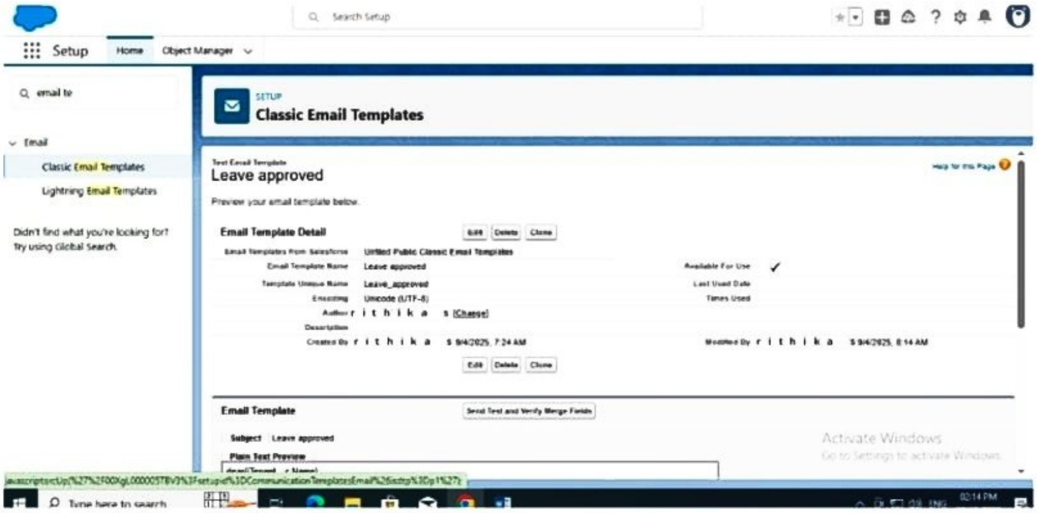
- A tenant can have only one property

- Scheduled monthly reminder emails using Apex class



```
global class MonthlyEmailScheduler implements Schedulable {

    global void execute(SchedulableContext sc) {

        Integer currentDay = Date.today().day();

        if (currentDay == 1) {

            sendMonthlyEmails();

        }

    }


    public static void sendMonthlyEmails() {

        List<Tenant__c> tenants = [SELECT Id, Email__c FROM Tenant__c];

        for (Tenant__c tenant : tenants) {

            String recipientEmail = tenant.Email__c;

            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
            
            String emailSubject = 'Reminder: Monthly Rent Payment Due';

            Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();

            email.setToAddresses(new String[]{recipientEmail});

            email.setSubject(emailSubject);

            email.setPlainTextBody(emailContent);
```

- Built and tested email templates for leave request, approval, rejection, payment, and reminders



Search Setup
Setup
Home
Object Manager
email te
Email
Classic Email Templates
Lightning Email Templates
Didn't find what you're looking for? Try using Global Search.
SETUP

Classic Email Templates

Text Email Template

Leave approved

Preview your email template below.

Email Template Detail

Email Templates from Salesforce	Unfiled Public Classic Email Templates		
Email Template Name	Leave approved	Available For Use	✓
Template Unique Name	Leave_approved	Last Used Date	
Encoding	Unicode (UTF-8)	Times Used	
Author	rithika s [Change]		
Description			
Created By	rithika s 9/4/2025, 7:24 AM	Modified By	rithika s 9/4/2025, 8:14 AM

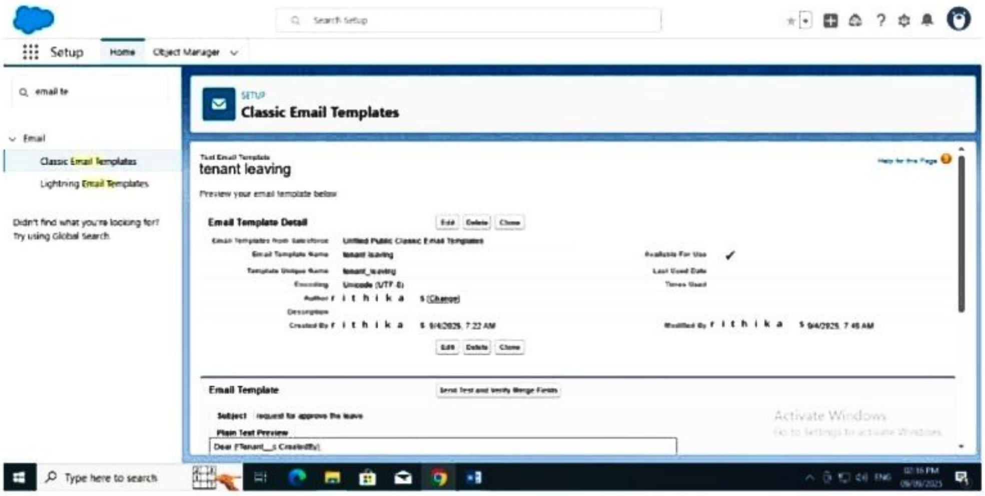
Email Template

Subject Leave approved

Plain Text Preview

dear{!Tenant__c.Name}

Activate Windows
Go to Settings to activate Windows.
javascript:srcUp(%27%2F00XgL00000STBV3%3Fsetupid%3DCommunicationTemplatesEmail%26isdtp%3Dp1%27);
Type here to search
02:14 PM



SETUP
Classic Email Templates

Text Email Template
tenant leaving

Preview your email template below

Email Template Detail

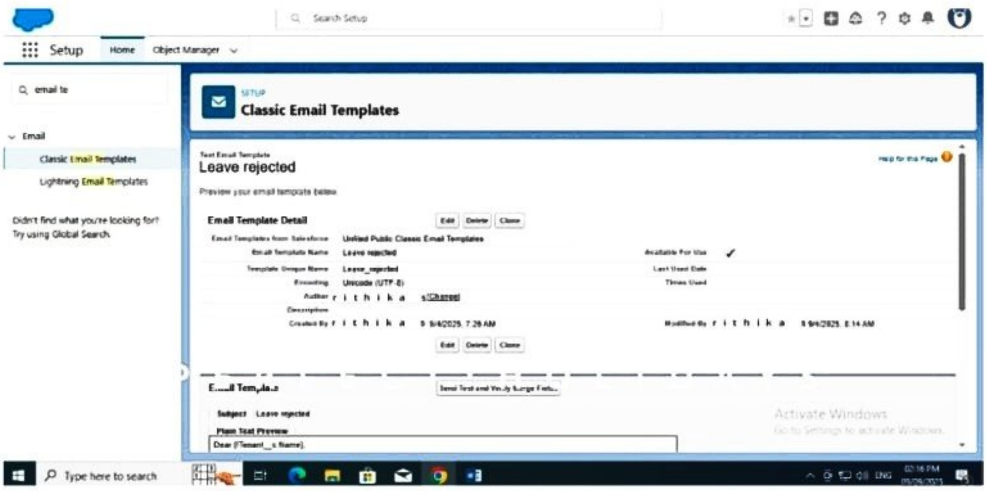
Email Templates from Salesforce: Unified Public Classic Email Templates
Email Template Name: tenant leaving
Available For Use: ✓
Template Unique Name: tenant_leaving
Last Used Date:
Encoding: Unicode (UTF-8)
Times Used:
Author: rithika s [Change]
Description:
Created By: rithika s 9/4/2025, 7:22 AM
Modified By: rithika s 9/4/2025, 7:46 AM

Email Template

Subject: request for approve the leave

Plain Text Preview

Dear {!Tenant__c.CreatedBy}



SETUP
Classic Email Templates

Text Email Template
Leave rejected

Preview your email template below

Email Template Detail

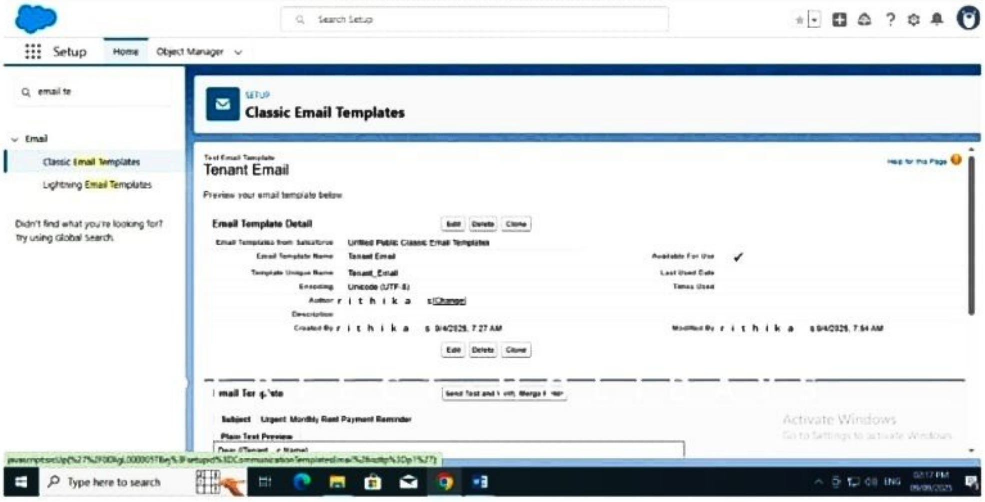
Email Templates from Salesforce: Unified Public Classic Email Templates
Email Template Name: Leave rejected
Available For Use: ✓
Template Unique Name: Leave_rejected
Last Used Date:
Encoding: Unicode (UTF-8)
Times Used:
Author: rithika s [Change]
Description:
Created By: rithika s 9/4/2025, 7:28 AM
Modified By: rithika s 9/4/2025, 8:14 AM

Email Template

Subject: Leave rejected

Plain Text Preview

Dear {!Tenant__c.Name},



SETUP
Classic Email Templates

Text Email Template
Tenant Email

Preview your email template below

Email Template Detail

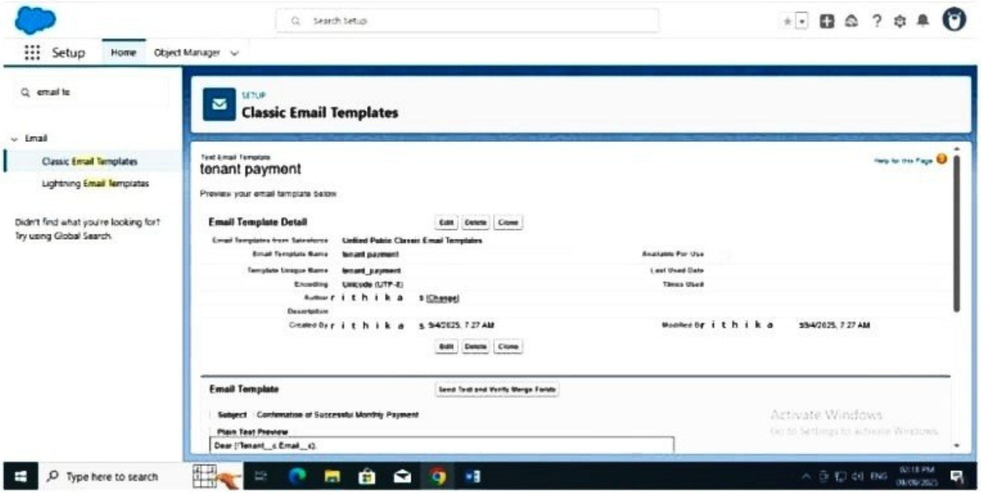
Email Templates from Salesforce: Unified Public Classic Email Templates
Email Template Name: Tenant Email
Available For Use: ✓
Template Unique Name: Tenant_Email
Last Used Date:
Encoding: Unicode (UTF-8)
Times Used:
Author: rithika s [Change]
Description:
Created By: rithika s 9/4/2025, 7:27 AM
Modified By: rithika s 9/4/2025, 7:54 AM

Email Template

Subject: Urgent: Monthly Rent Payment Reminder

Plain Text Preview

Dear {!Tenant__c.Name}



Classic Email Templates

Text Email Template

tenant payment

Preview your email template below

Email Template Detail

Email Templates from Salesforce: Unfiled Public Classic Email Templates
Email Template Name: tenant payment
Available For Use:
Template Unique Name: tenant_payment
Last Used Date:
Encoding: Unicode (UTF-8)
Times Used:
Author: r i t h i k a s [Change]
Description:
Created By: r i t h i k a s 9/4/2025, 7:27 AM
Modified By: r i t h i k a 9/4/2025, 7:27 AM

Email Template

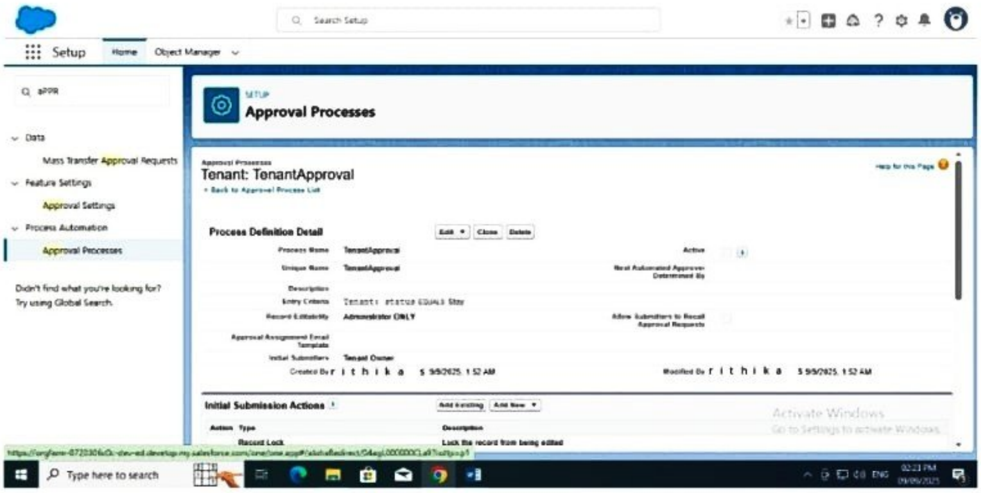
Subject: Confirmation of Successful Monthly Payment

Plain Text Preview

Dear {!Tenant__c.Email__c},

- Approval Process creation

For Tenant Leaving:



Approval Processes

Approval Processes

Tenant: TenantApproval

« Back to Approval Process List

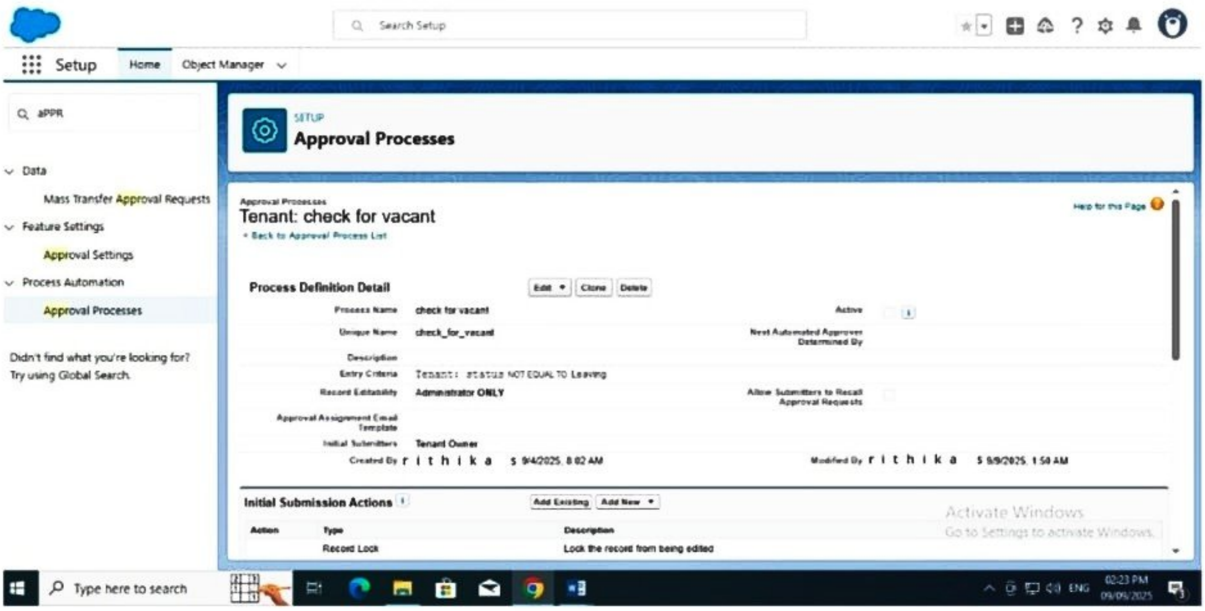
Process Definition Detail

Process Name: TenantApproval
Active:
Unique Name: TenantApproval
Next Automated Approver Determined By:
Description:
Entry Criteria: Tenant: status EQUALS Stay
Record Editability: Administrator ONLY
Allow Submitters to Recall Approval Requests:
Approval Assignment Email Template:
Initial Submitters: Tenant Owner
Created By: r i t h i k a s 9/9/2025, 1:52 AM
Modified By: r i t h i k a s 9/9/2025, 1:52 AM

Initial Submission Actions

Action	Type	Description
	Record Lock	Lock the record from being edited

For Check for Vacant:



Approval Processes

Tenant: check for vacant

« Back to Approval Process List

Process Definition Detail

Process Name: check for vacant

Active: □

Unique Name: check_for_vacant

Next Automated Approver Determined By:

Description:

Entry Criteria: Tenant: status NOT EQUAL TO Leaving

Record Editability: Administrator ONLY

Allow Submitters to Recall Approval Requests: □

Approval Assignment Email Template:

Initial Submitters: Tenant Owner

Created By: rithika s 9/4/2025, 8:02 AM

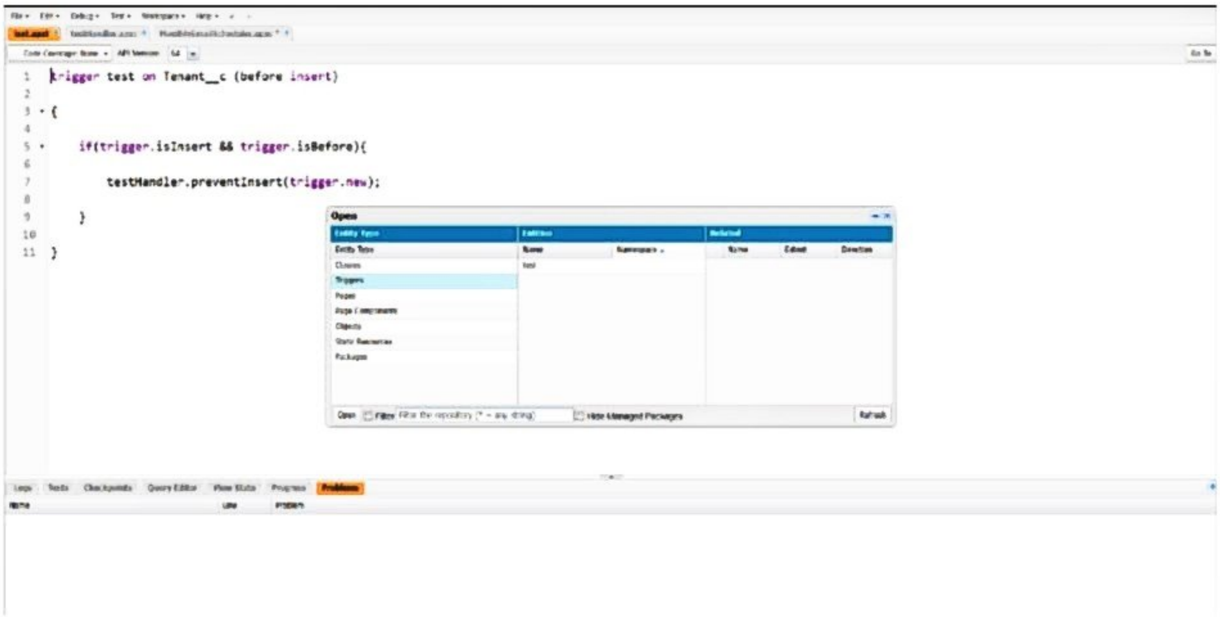
Modified By: rithika s 9/9/2025, 1:50 AM

Initial Submission Actions

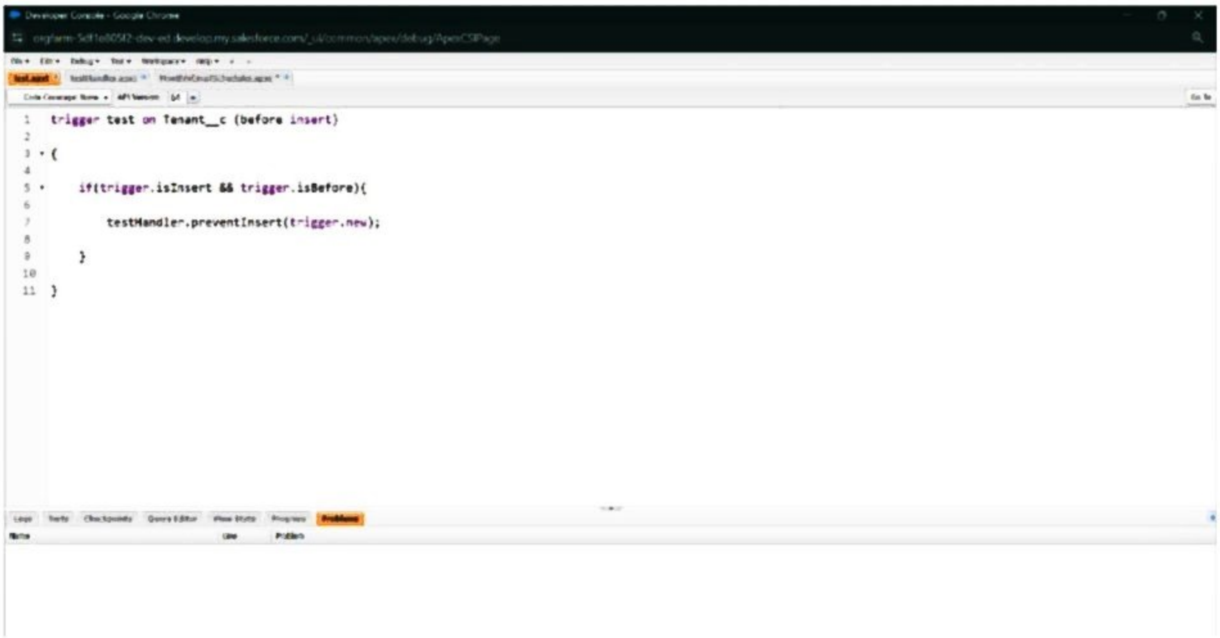
Action	Type	Description
	Record Lock	Lock the record from being edited

- Apex Trigger

Create an Apex Trigger

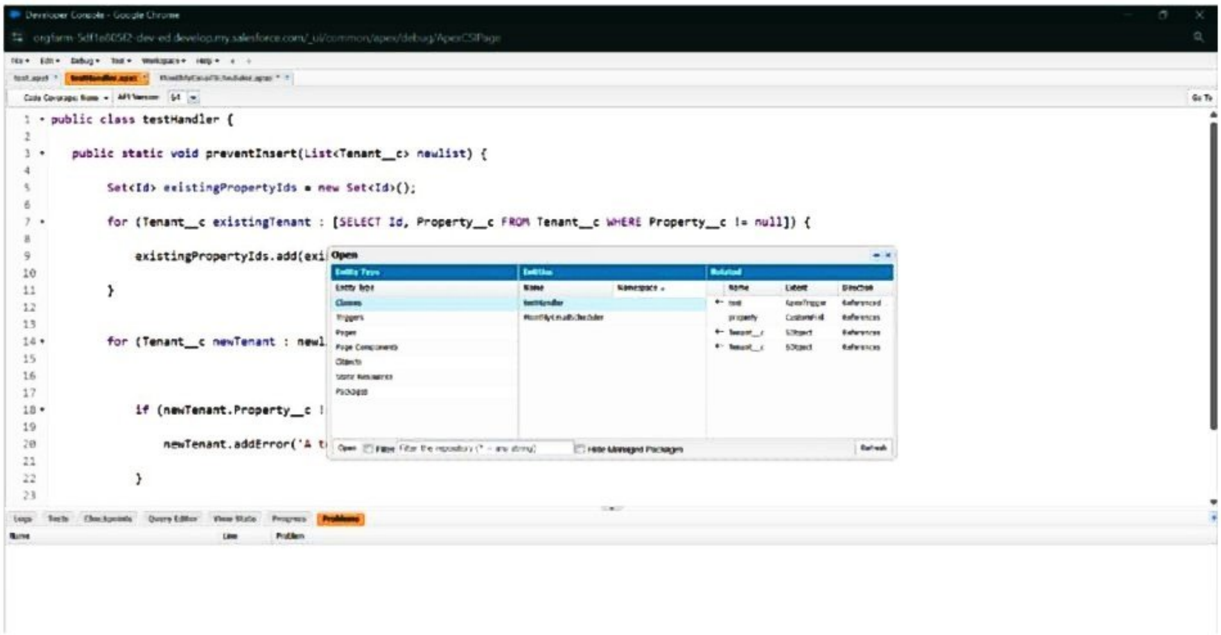


```
trigger test on Tenant__c (before insert)

{

    if(trigger.isInsert && trigger.isBefore){

        testHandler.preventInsert(trigger.new);

    }

}
```

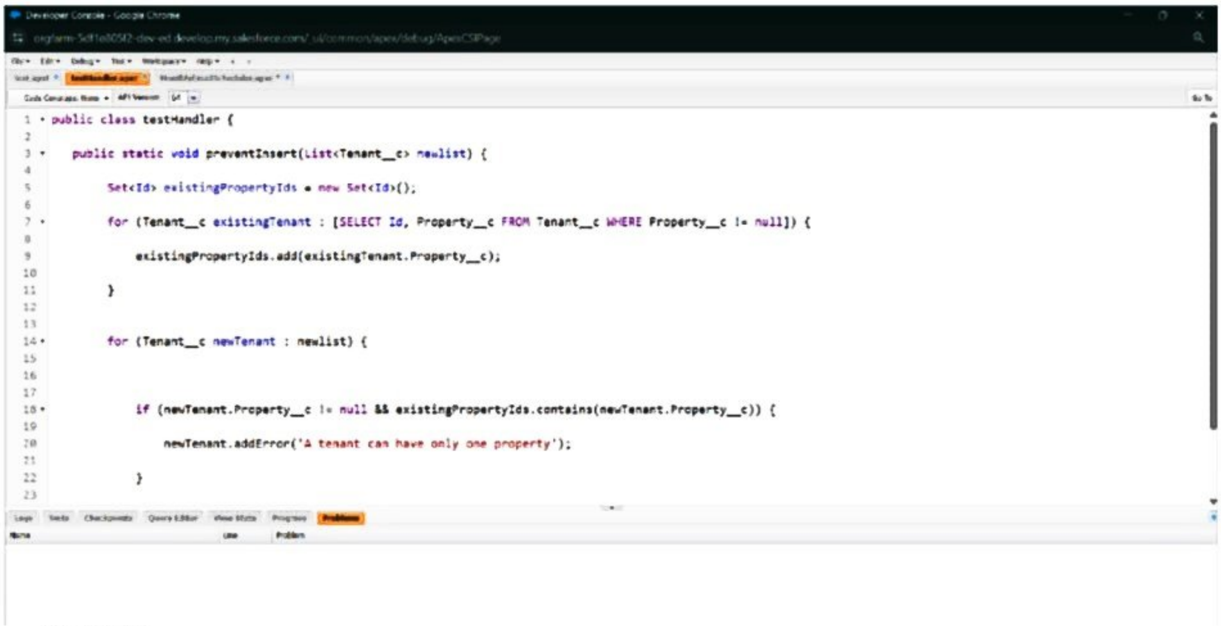


```
trigger test on Tenant__c (before insert)

{

    if(trigger.isInsert && trigger.isBefore){

        testHandler.preventInsert(trigger.new);

    }

}
```

Create an Apex Handler class



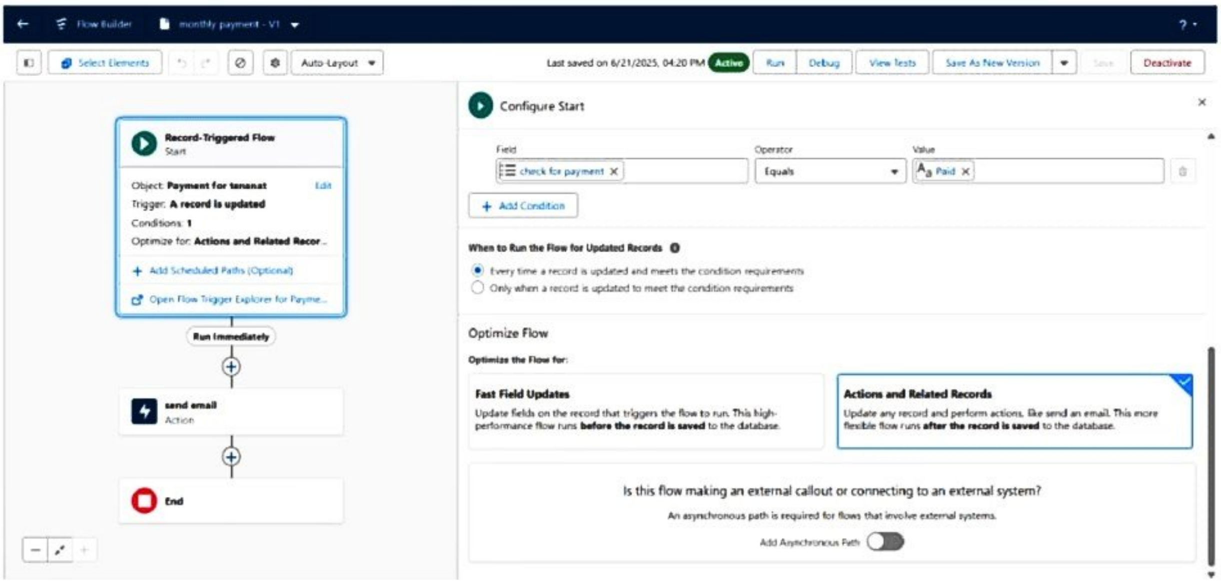
```
public class testHandler {

    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(exi

        }


        for (Tenant__c newTenant : newl


            if (newTenant.Property__c !

                newTenant.addError('A t

            }

```



Developer Console - Google Chrome
orgfarm-5df1e805f2-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage
Logs
Tests
Checkpoints
Query Editor
View State
Progress
Problems
Name
Line
Problem

```
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');

            }

```

- FLOWS



Last saved on 6/21/2025, 04:20 PM

Object: **Payment for tenanat**

Trigger: **A record is updated**

Conditions: **1**

Optimize for: **Actions and Related Recor...**

Configure Start

Field	Operator	Value
check for payment	Equals	Paid

When to Run the Flow for Updated Records

● Every time a record is updated and meets the condition requirements

○ Only when a record is updated to meet the condition requirements

Optimize Flow

Optimize the Flow for:

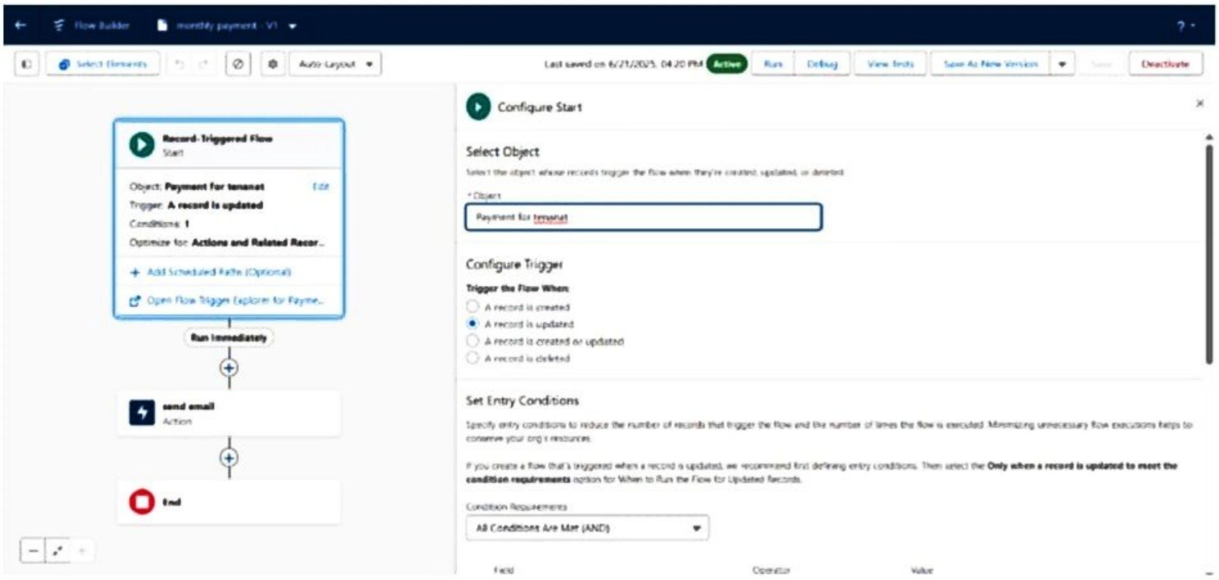
Fast Field Updates
Update fields on the record that triggers the flow to run. This high-performance flow runs **before the record is saved** to the database.

Actions and Related Records ✓
Update any record and perform actions, like send an email. This more flexible flow runs **after the record is saved** to the database.

Is this flow making an external callout or connecting to an external system?

An asynchronous path is required for flows that involve external systems.

Add Asynchronous Path ○



Object: **Payment for tenanat**

Trigger: **A record is updated**

Conditions: **1**

Optimize for: **Actions and Related Recor...**

Configure Start

Select Object

Select the object whose records trigger the flow when they're created, updated, or deleted.

* Object: Payment for tenanat

Configure Trigger

Trigger the Flow When:

○ A record is created
● A record is updated
○ A record is created or updated
○ A record is deleted

Set Entry Conditions

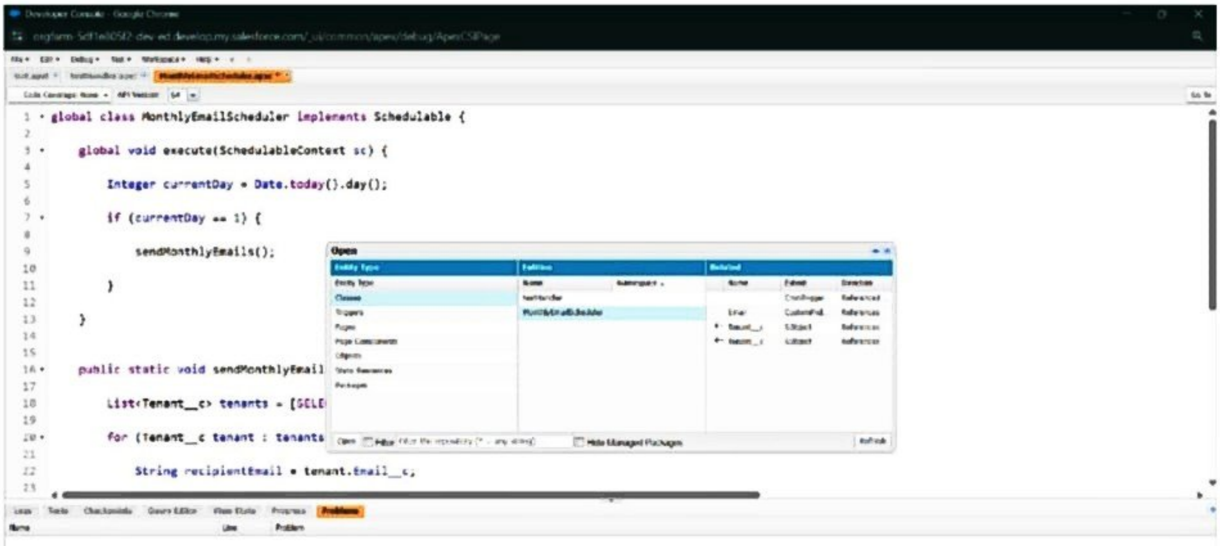
Specify entry conditions to reduce the number of records that trigger the flow and the number of times the flow is executed. Minimizing unnecessary flow executions helps to conserve your org's resources.

If you create a flow that's triggered when a record is updated, we recommend first defining entry conditions. Then select the **Only when a record is updated to meet the condition requirements** option for When to Run the Flow for Updated Records.

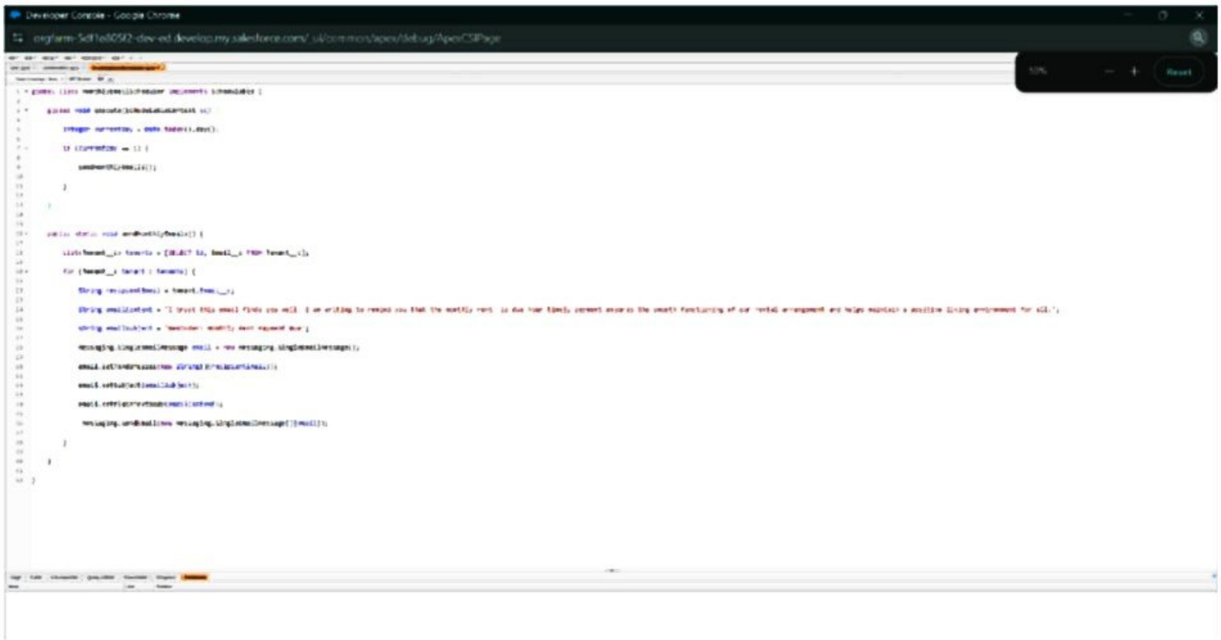
Condition Requirements: All Conditions Are Met (AND)

Field	Operator	Value

- Schedule class:
  Create an Apex Class



```
global class MonthlyEmailScheduler implements Schedulable {

    global void execute(SchedulableContext sc) {

        Integer currentDay = Date.today().day();

        if (currentDay == 1) {

            sendMonthlyEmails();

        }

    }


    public static void sendMonthlyEmail

        List<Tenant__c> tenants = [SELE

        for (Tenant__c tenant : tenants

            String recipientEmail = tenant.Email__c;
```

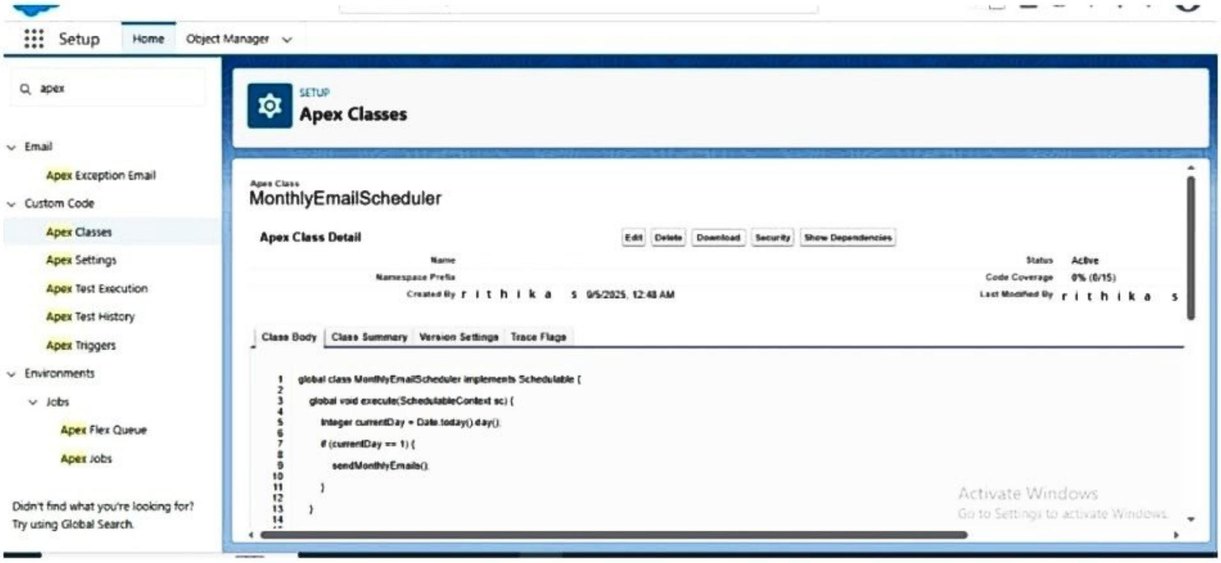


Developer Console - Google Chrome

orgfarm-5ef1e80502-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

```
global class MonthlyEmailScheduler implements Schedulable {

    global void execute(SchedulableContext sc) {

        Integer currentDay = Date.today().day();

        if (currentDay == 1) {

            sendMonthlyEmails();

        }

    }


    public static void sendMonthlyEmails() {

        List<Tenant__c> tenants = [SELECT Id, Email__c FROM Tenant__c];

        for (Tenant__c tenant : tenants) {

            String recipientEmail = tenant.Email__c;

            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.';

            String emailSubject = 'Reminder: Monthly Rent Payment Due';

            Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();

            email.setToAddresses(new String[]{recipientEmail});

            email.setSubject(emailSubject);

            email.setPlainTextBody(emailContent);

             Messaging.sendEmail(new Messaging.SingleEmailMessage[]{email});

        }

    }

}
```

Schedule Apex class

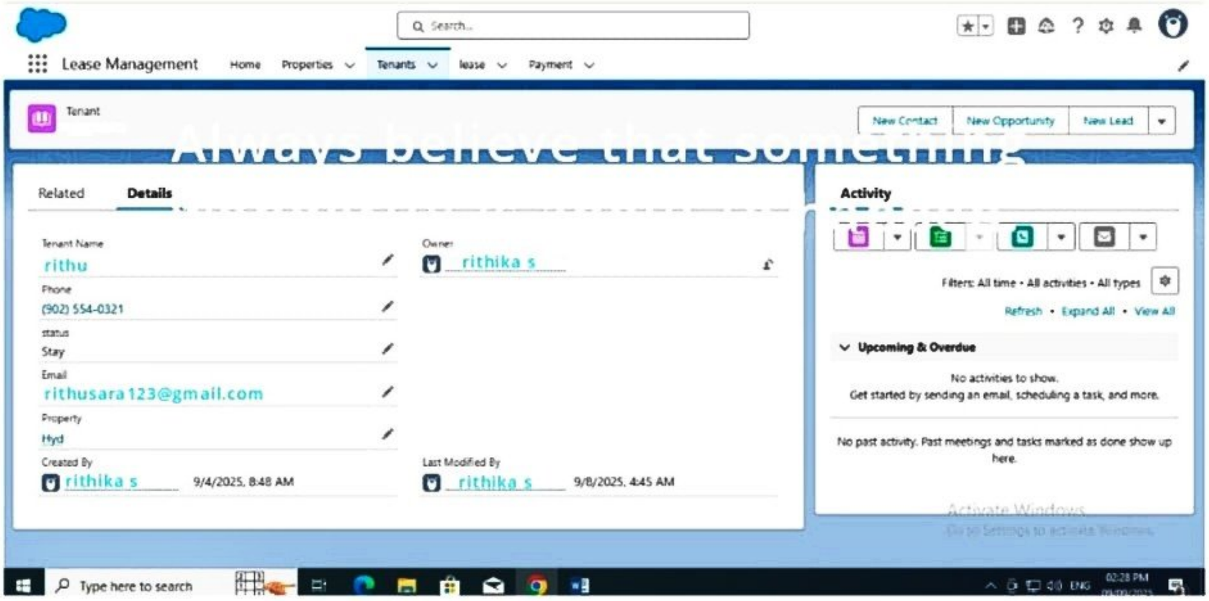


Apex Class
MonthlyEmailScheduler

Apex Class Detail

Name
Namespace Prefix
Created By rithika s 9/5/2025, 12:48 AM
Status Active
Code Coverage 0% (0/15)
Last Modified By rithika s

```
global class MonthlyEmailScheduler implements Schedulable {

  global void execute(SchedulableContext sc) {

    Integer currentDay = Date.today().day();

    if (currentDay == 1) {

      sendMonthlyEmails();

    }

  }
```

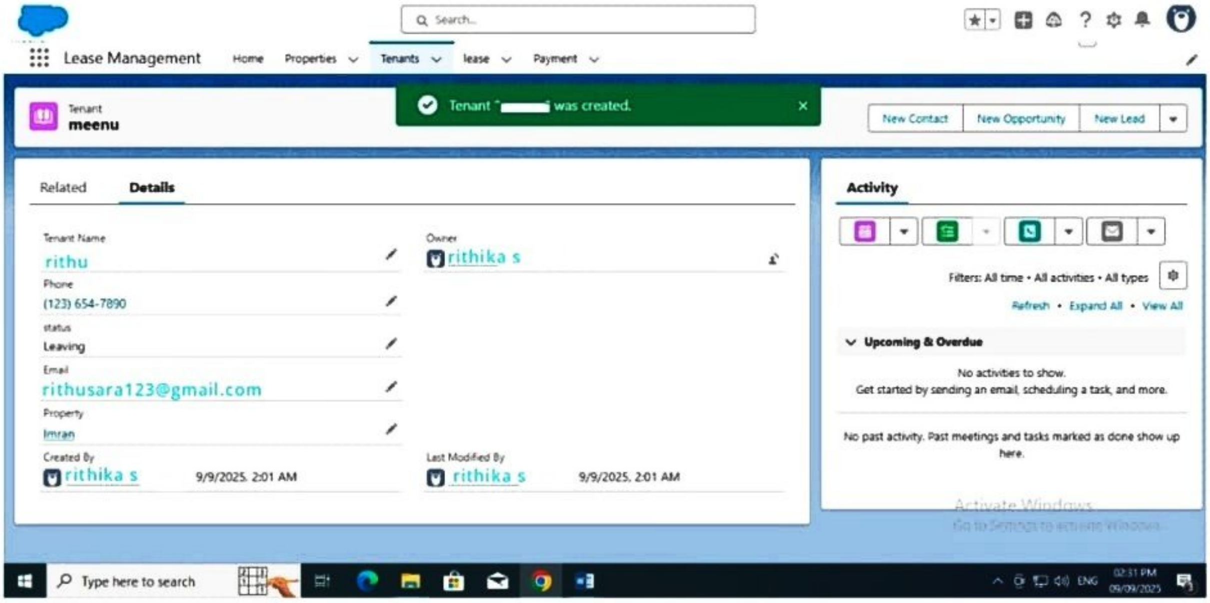


Tenant

Tenant Name	rithu
Phone	(902) 554-0321
status	Stay
Email	rithusara123@gmail.com
Property	Hyd
Created By	rithika s 9/4/2025, 8:48 AM
Owner	rithika s
Last Modified By	rithika s 9/8/2025, 4:45 AM

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.



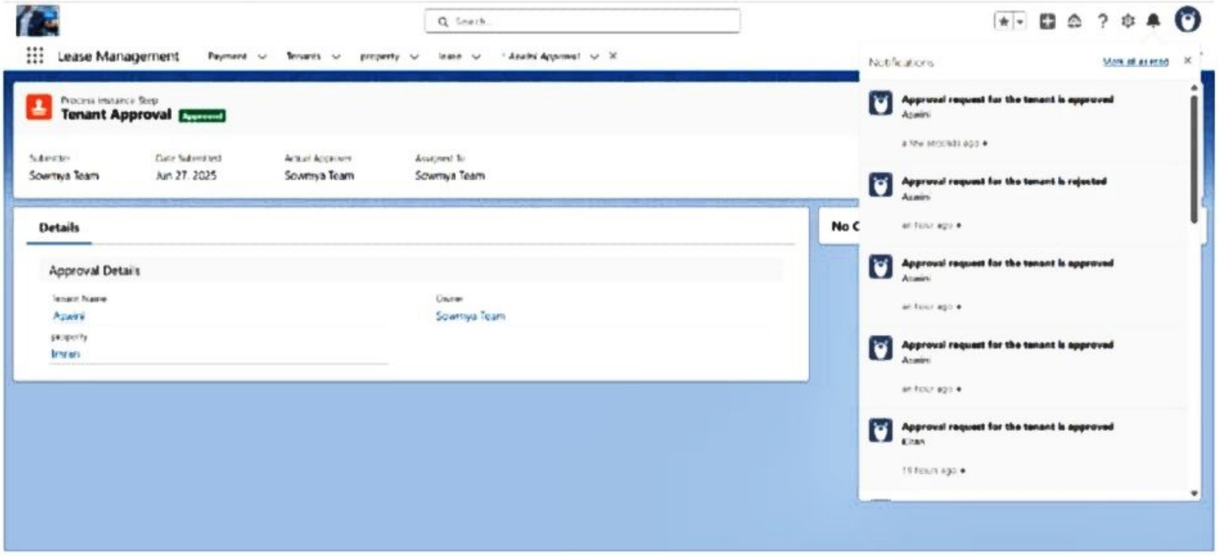
Tenant "[redacted]" was created.

Tenant
meenu

Tenant Name	rithu
Phone	(123) 654-7890
status	Leaving
Email	rithusara123@gmail.com
Property	Imran
Created By	rithika s 9/9/2025, 2:01 AM
Owner	rithika s
Last Modified By	rithika s 9/9/2025, 2:01 AM

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.



Process Instance Step
Tenant Approval Approved

Submitter: Sowmya Team
Date Submitted: Jun 27, 2025
Actual Approver: Sowmya Team
Assigned To: Sowmya Team

Approval Details

Tenant Name: Aswini
Owner: Sowmya Team
property: Imran

Approval request for the tenant is approved
Aswini
a few seconds ago •

Approval request for the tenant is rejected
Aswini
an hour ago •

Approval request for the tenant is approved
Aswini
an hour ago •

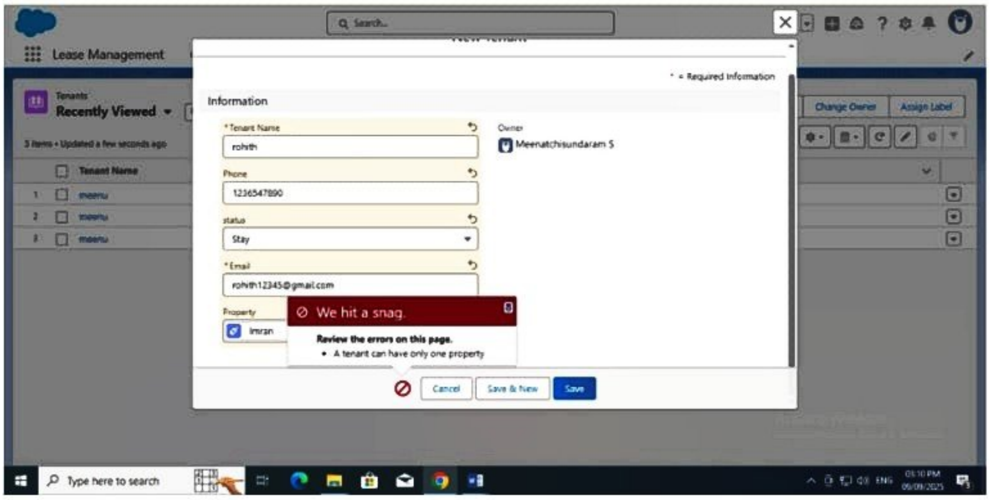
Approval request for the tenant is approved
Aswini
an hour ago •

Approval request for the tenant is approved
Kiran
15 hours ago •

FUNCTIONAL AND PERFORMANCE TESTING

Performance Testing

- Triggervalidationbyenteringduplicate tenant-property records



	Tenant Name
1	meenu
2	meenu
3	meenu

* = Required Information

Information

*Tenant Name: rohith

Phone: 1236547890

status: Stay

*Email: rohith12345@gmail.com

Property: Imran

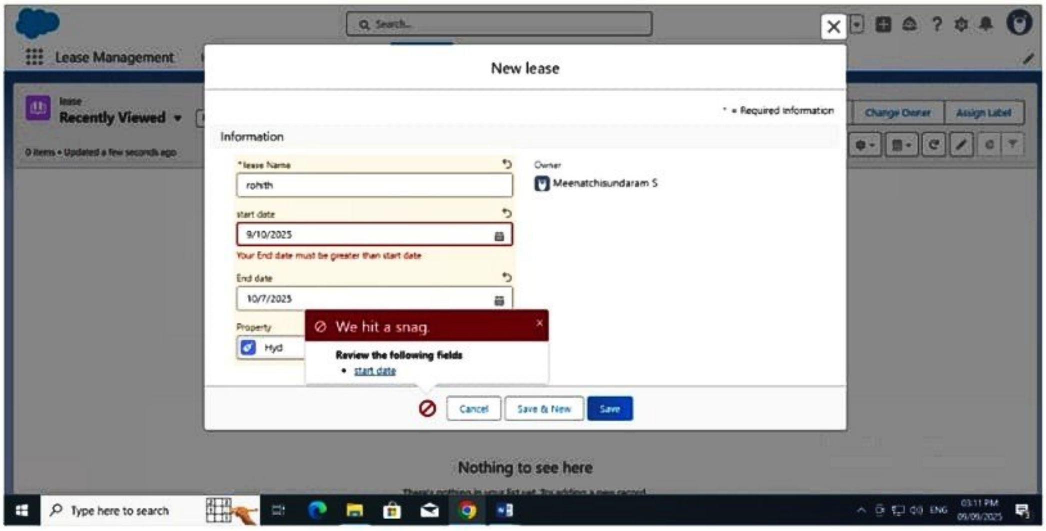
Owner: Meenatchisundaram S

We hit a snag.

Review the errors on this page.

- A tenant can have only one property

- Validation Rule checking



New lease

* = Required information

Information

*lease Name: rohith

start date: 9/10/2025

Your End date must be greater than start date

End date: 10/7/2025

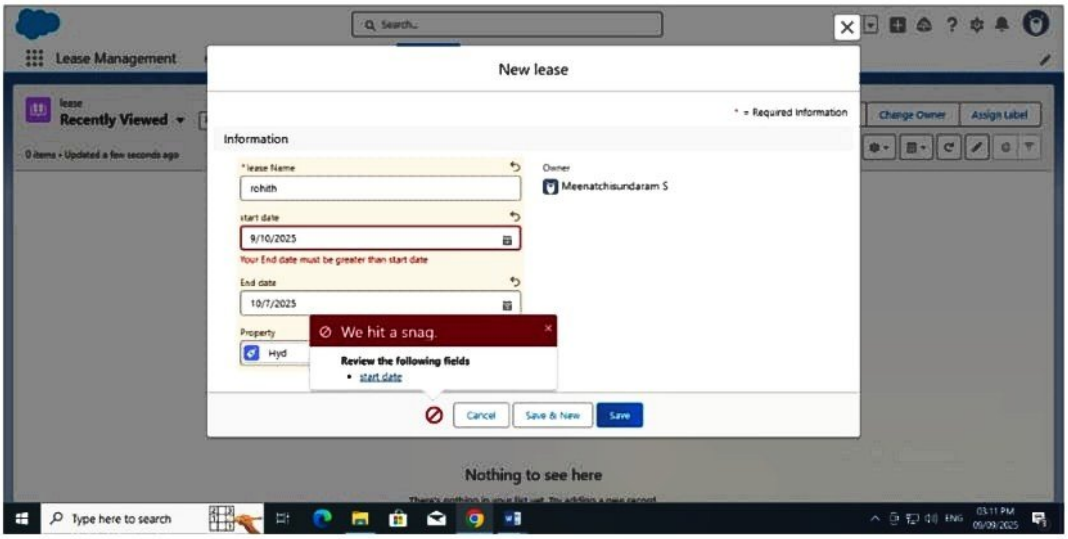
Property: Hyd

Owner: Meenatchisundaram S

We hit a snag.

Review the following fields

- start date



New lease

* = Required Information

Information

*lease Name: rohith

Owner: Meenatchisundaram S

start date: 9/10/2025

Your End date must be greater than start date

End date: 10/7/2025

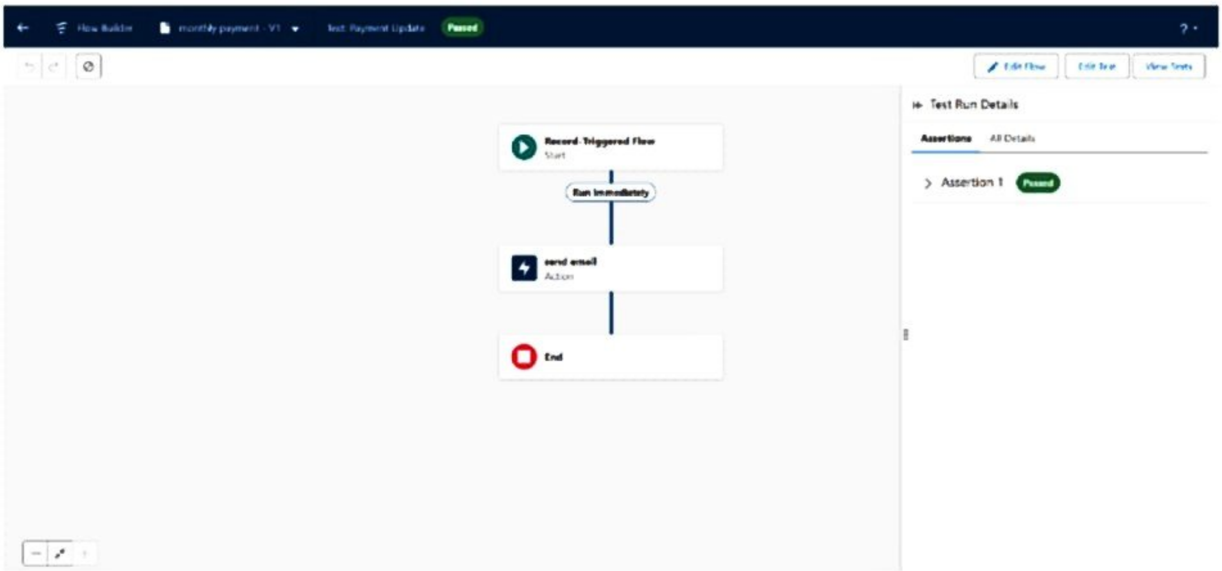
Property: Hyd

We hit a snag.

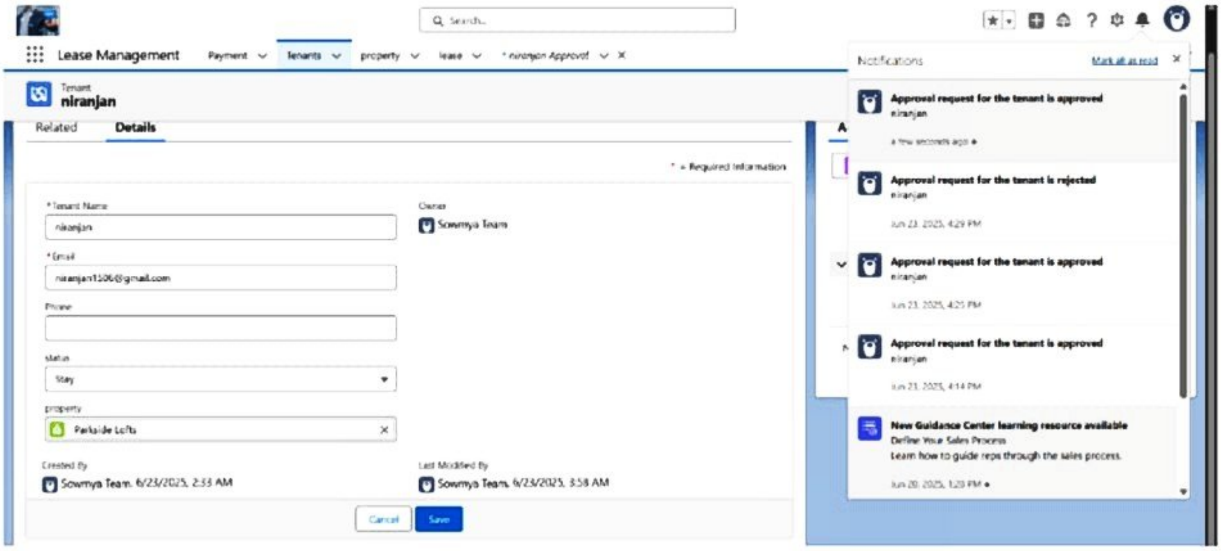
Review the following fields

- start date

- Test flows on payment update



- Approval process validated through email alerts and status updates



* Tenant Name: niranjan

Owner: Sowmya Team

* Email: niranjan1506@gmail.com

Phone:

status: Stay

property: Parkside Lofts

Created By: Sowmya Team, 6/23/2025, 2:33 AM

Last Modified By: Sowmya Team, 6/23/2025, 3:58 AM

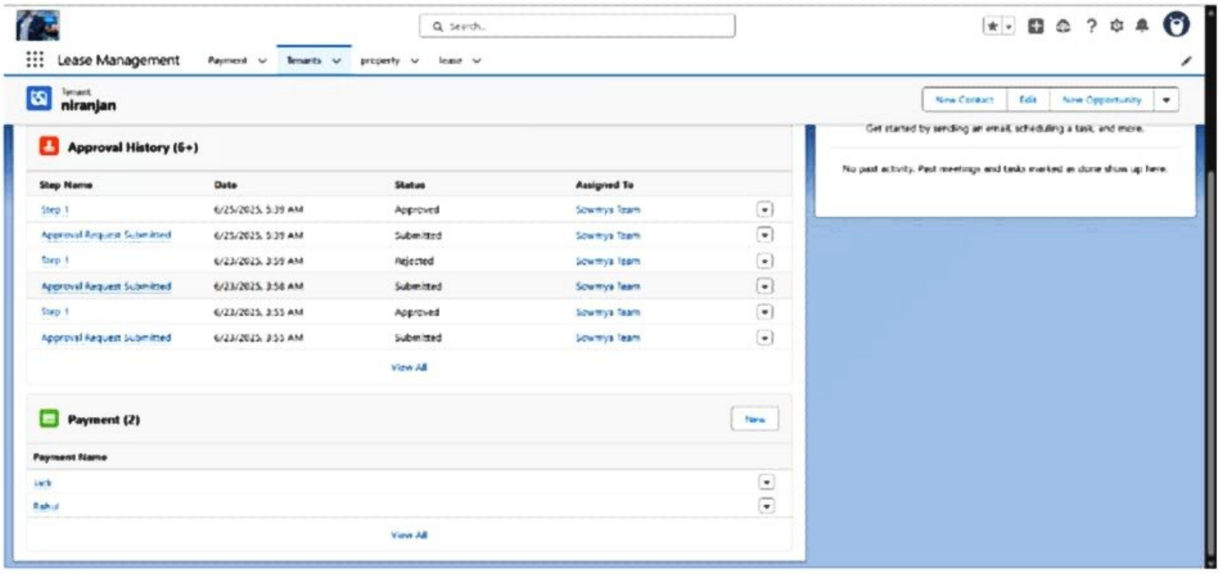
Approval request for the tenant is approved
niranjan
a few seconds ago

Approval request for the tenant is rejected
niranjan
Jun 23, 2025, 4:29 PM

Approval request for the tenant is approved
niranjan
Jun 23, 2025, 4:25 PM

Approval request for the tenant is approved
niranjan
Jun 23, 2025, 4:14 PM

New Guidance Center learning resource available
Define Your Sales Process
Learn how to guide reps through the sales process.
Jun 20, 2025, 1:20 PM



Get started by sending an email, scheduling a task, and more.

No past activity. Past meetings and tasks marked as done show up here.

Approval History (6+)

Step Name	Date	Status	Assigned To
Step 1	6/25/2025, 5:39 AM	Approved	Sowmya Team
Approval Request Submitted	6/25/2025, 5:39 AM	Submitted	Sowmya Team
Step 1	6/23/2025, 3:59 AM	Rejected	Sowmya Team
Approval Request Submitted	6/23/2025, 3:58 AM	Submitted	Sowmya Team
Step 1	6/23/2025, 3:55 AM	Approved	Sowmya Team
Approval Request Submitted	6/23/2025, 3:55 AM	Submitted	Sowmya Team

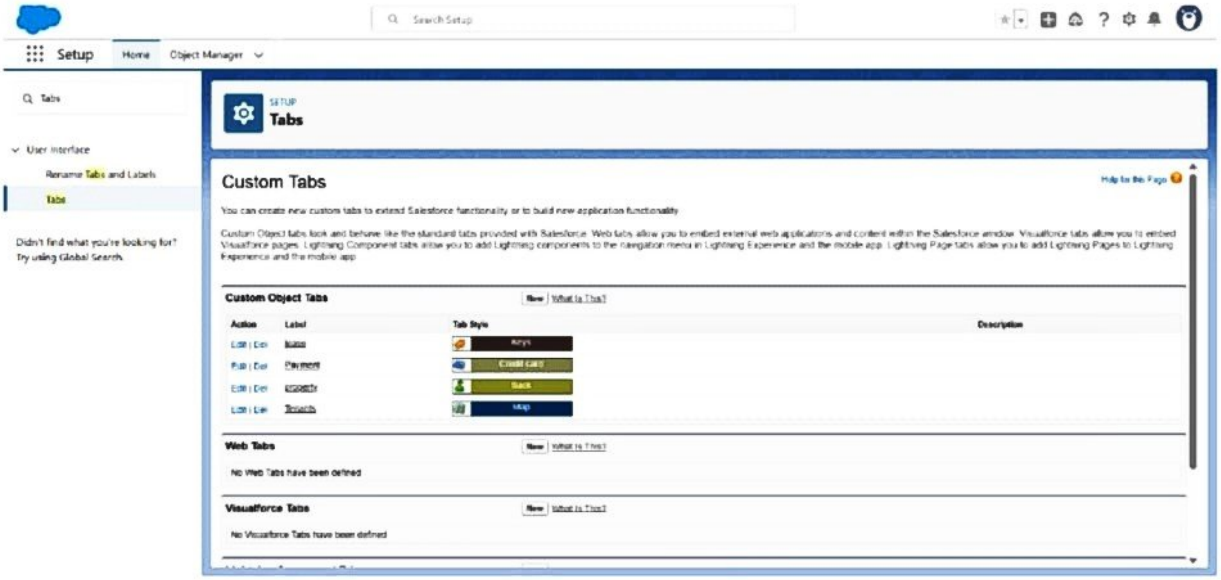
Payment (2)

Payment Name
Jack
Rahul

RESULTS

Output Screenshots

- Tabs for Property, Tenant, Lease, Payment



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	lease	Keys	
Edit | Del	Payment	Credit card	
Edit | Del	property	Sack	
Edit | Del	Tenants	Map	

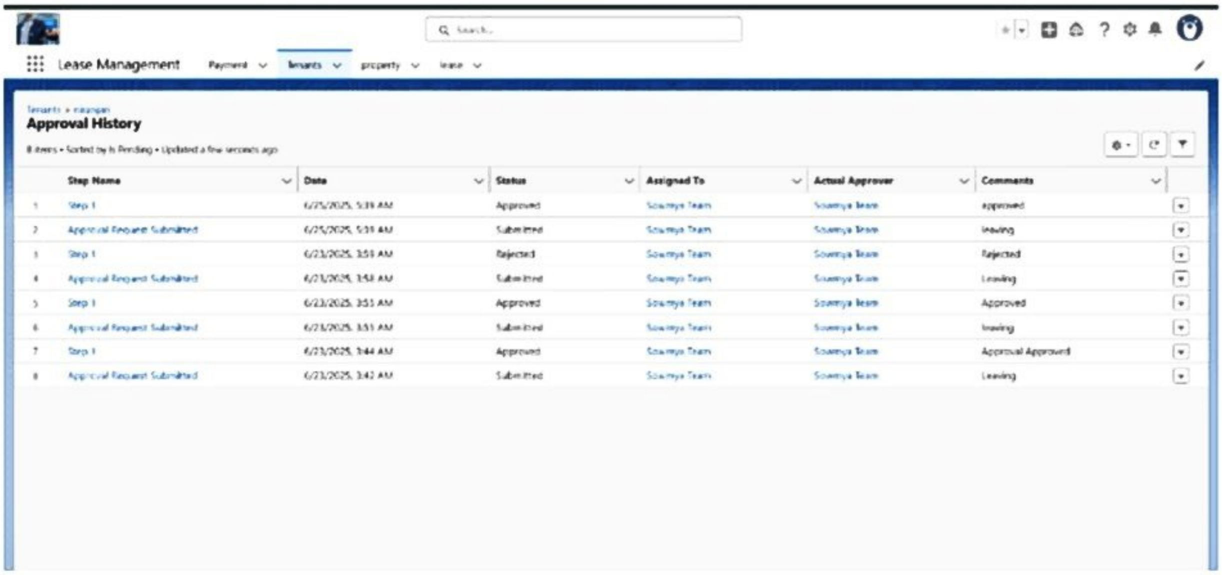
Web Tabs — New | What Is This?

No Web Tabs have been defined

Visualforce Tabs — New | What Is This?

No Visualforce Tabs have been defined

- Email alerts



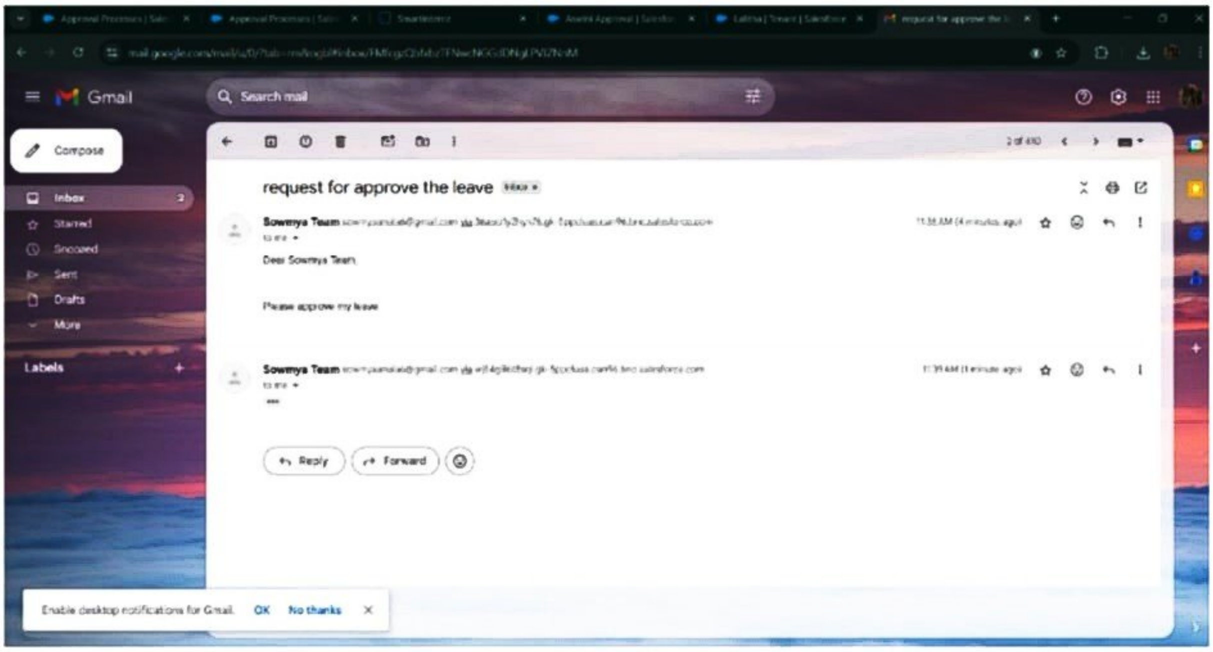
Tenants > nagrajan

Approval History

8 items • Sorted by Is Pending • Updated a few seconds ago

	Step Name	Date	Status	Assigned To	Actual Approver	Comments
1	Step 1	6/25/2025, 5:39 AM	Approved	Sowmya Team	Sowmya Team	approved
2	Approval Request Submitted	6/25/2025, 5:38 AM	Submitted	Sowmya Team	Sowmya Team	leaving
3	Step 1	6/23/2025, 3:59 AM	Rejected	Sowmya Team	Sowmya Team	Rejected
4	Approval Request Submitted	6/23/2025, 3:58 AM	Submitted	Sowmya Team	Sowmya Team	Leaving
5	Step 1	6/23/2025, 3:55 AM	Approved	Sowmya Team	Sowmya Team	Approved
6	Approval Request Submitted	6/23/2025, 3:51 AM	Submitted	Sowmya Team	Sowmya Team	leaving
7	Step 1	6/23/2025, 3:44 AM	Approved	Sowmya Team	Sowmya Team	Approval Approved
8	Approval Request Submitted	6/23/2025, 3:42 AM	Submitted	Sowmya Team	Sowmya Team	Leaving

- Request for approve the leave



request for approve the leave

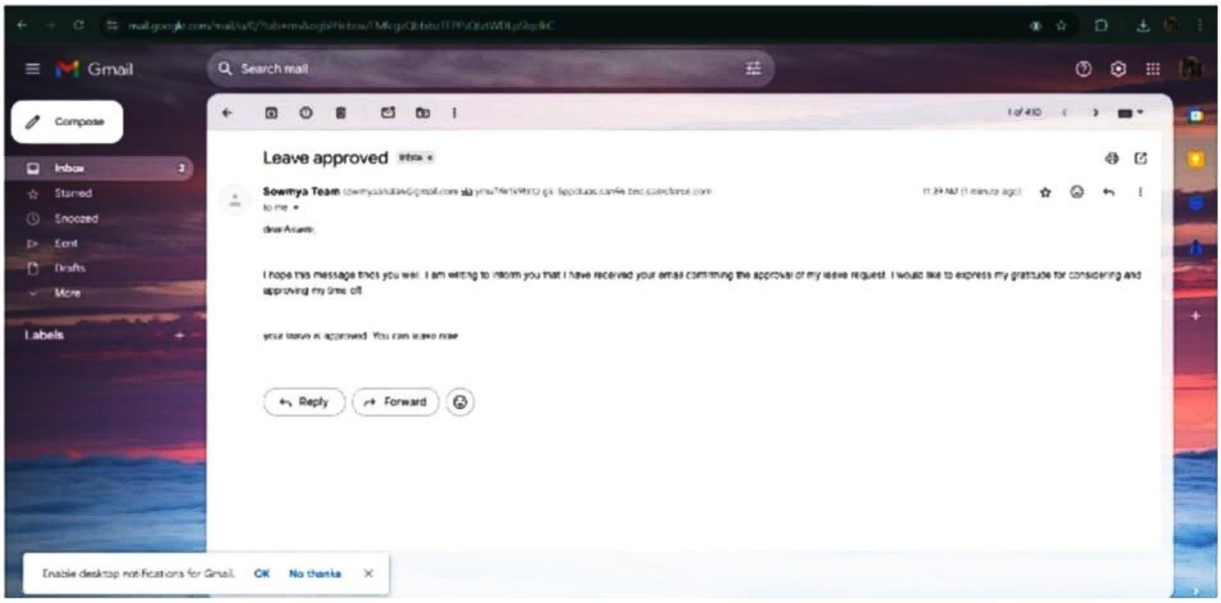
Sowmya Team
to me

Dear Sowmya Team

Please approve my leave

Sowmya Team
to me

- Leave approved



Leave approved

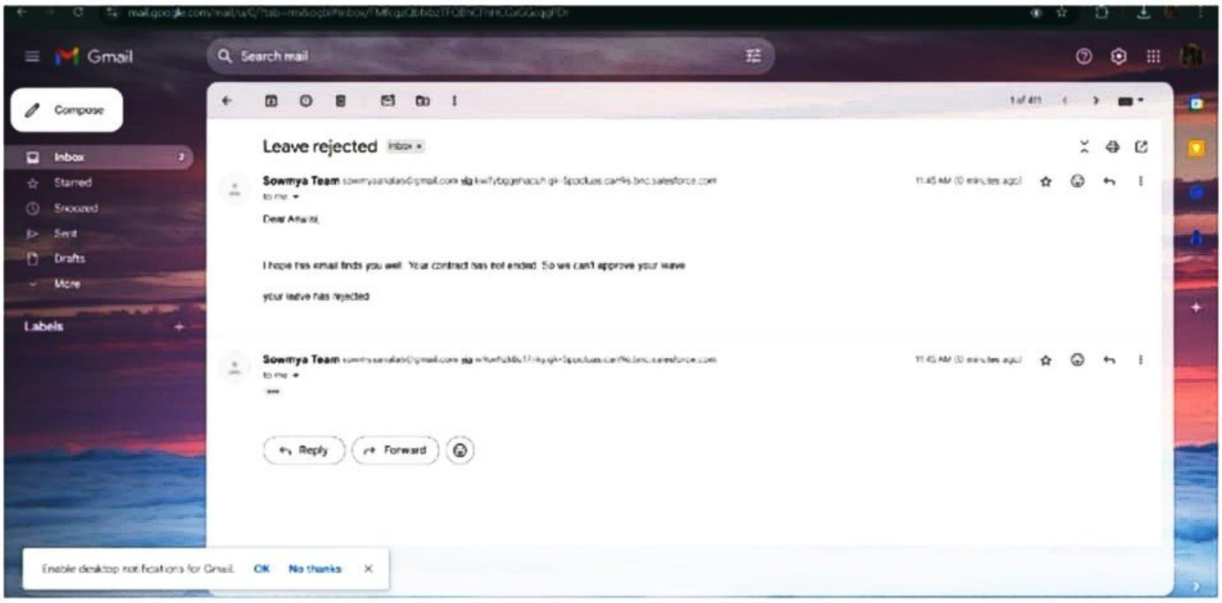
Sowmya Team
to me

dear Asam,

I hope this message finds you well. I am writing to inform you that I have received your email confirming the approval of my leave request. I would like to express my gratitude for considering and approving my time off.

your leave is approved. You can leave now

- Leave rejected



Leave rejected

Sowmya Team to me 11:45 AM (0 minutes ago)

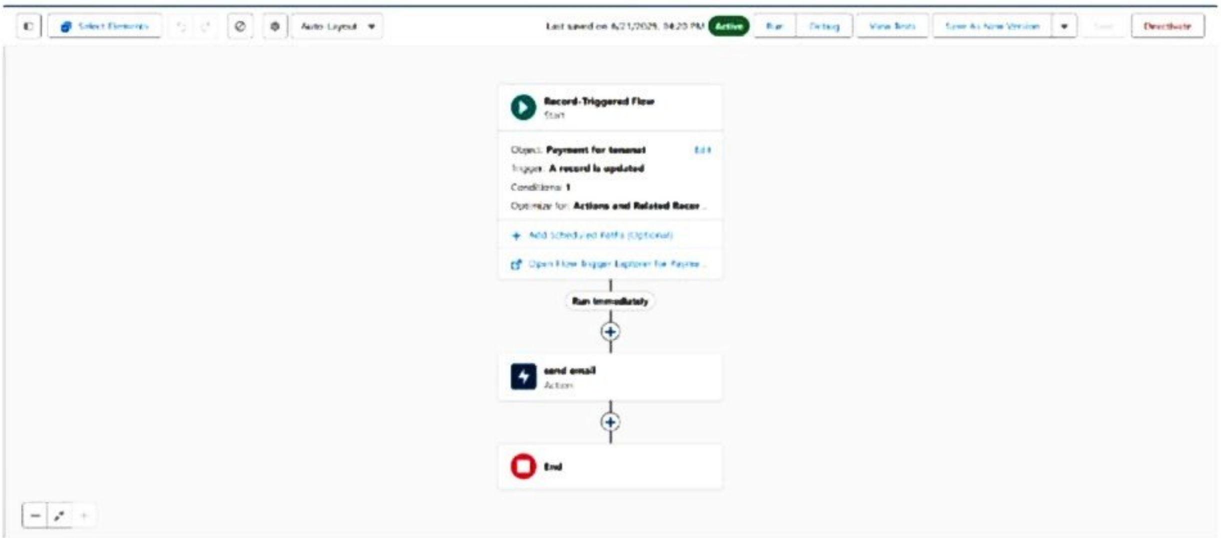
Dear Atharbi,

I hope this email finds you well. Your contract has not ended. So we can't approve your leave

your leave has rejected

Sowmya Team to me 11:45 AM (0 minutes ago)

- Flow runs



Last saved on 6/21/2025, 04:20 PM

Record-Triggered Flow
Start

Object: Payment for tenenat
Trigger: A record is updated
Conditions: 1
Optimize for: Actions and Related Recor...

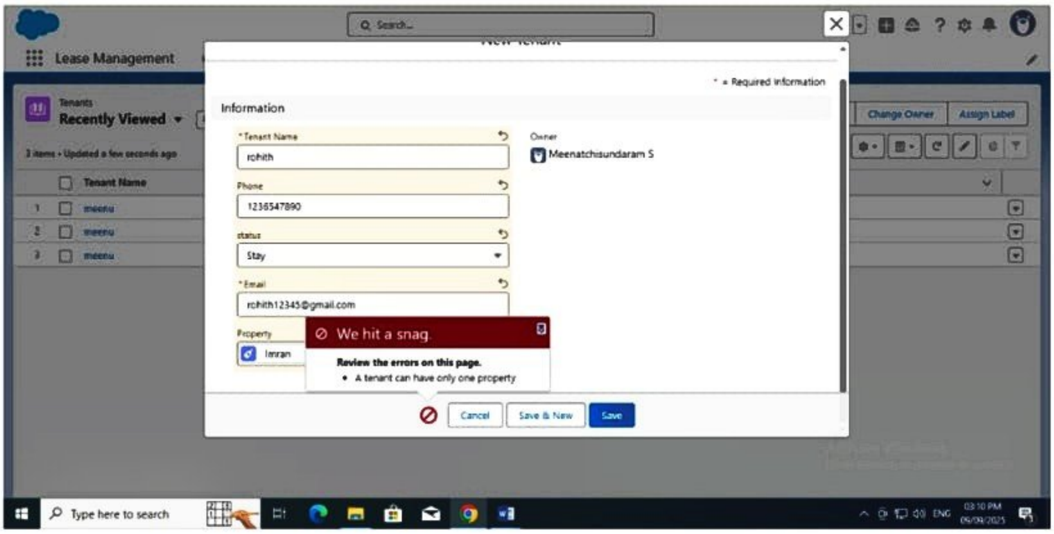
Add Scheduled Paths (Optional)

Open Flow Trigger Explorer for Payme...

send email
Action

End

- Trigger error messages



* = Required Information

Information

*Tenant Name: rohith

Phone: 1236547890

status: Stay

*Email: rohith12345@gmail.com

Property: Imran

Owner: Meenatchisundaram S

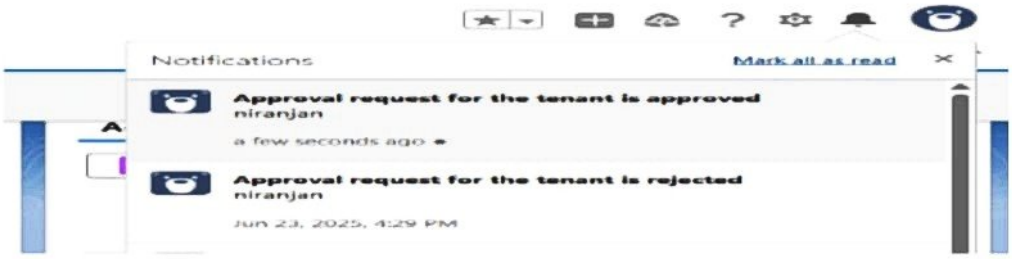
We hit a snag.

Review the errors on this page.

- A tenant can have only one property

Cancel | Save & New | Save

- Approval process notifications



Notifications

Mark all as read

Approval request for the tenant is approved
niranjan
a few seconds ago

Approval request for the tenant is rejected
niranjan
Jun 23, 2025, 4:29 PM

ADVANTAGES & DISADVANTAGES

.

CONCLUSION

TheLease ManagementSystemsuccessfully streamlines the operations of leasing through a structured, automated Salesforce application. It improves efficiency, communication, and data accuracy for both admins and tenants.

APPENDIX

- Source Code: Provided in Apex Classes and Triggers

Test.apxt:
```
trigger test on Tenant__c

(before insert) { if (trigger.isInsert &&

trigger.isBefore){

testHandler.preventInsert(trigger.new);


        } }
```

testHandler.apxc:

```
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');


                }

            }

        }

}
```

MothlyEmailScheduler.apxc:

```
global class MonthlyEmailScheduler implements Schedulable { global

        void execute(SchedulableContext sc) { Integer currentDay =

        Date.today().day(); if (currentDay == 1) {

        sendMonthlyEmails();


            }

        } public static void

sendMonthlyEmails() { List<Tenant__c>

tenants = [SELECT Id, Email__c FROM
Tenant__c]; for (Tenant__c tenant :

tenants) {

               String recipientEmail = tenant.Email__c;
               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.';

              String emailSubject = 'Reminder: Monthly Rent Payment Due';
              Messaging.SingleEmailMessage email = new

              Messaging.SingleEmailMessage(); email.setToAddresses(new

              String[]{recipientEmail}); email.setSubject(emailSubject);

              email.setPlainTextBody(emailContent);


                Messaging.sendEmail(new Messaging.SingleEmailMessage[]{email});

       }

    }

}
```