

GARAGE MANAGEMENT SYSTEM

**College Name: SRI RAMAKRISHNA COLLEGE OF ARTS AND
SCIENCE FOR WOMEN**

College Code: bru 28

TEAM ID:

TEAM MEMBERS:

Team LeaderName:

sujithra

Email:

Srcw2322k154@srcw.ac.in

Team Member1:

Pavithra

Email:

Srcw2322k131@srcw.ac.in

Team Member:

Sobika

Email:

Srcw2322k151@srcw.ac.in

Team

Member:

sathya

1.INTRODUCTION

1.1 Project Overview

Garage Management system

The Garage Management System is a valuable tool for automotive repair facilities, helping them deliver top-notch service, increase operational efficiency, and build lasting customer relationships. With its user-friendly interface and powerful features, GMS empowers garages to thrive in a competitive market while ensuring a seamless and satisfying experience for both customers and staff.

Introduction:

Are you new to Salesforce? Not sure exactly what it is, or how to use it? Don't know where you should start on your learning journey? If you've answered yes to any of these questions, then you're in the right place. This module is for you.

Welcome to Salesforce! Salesforce is game-changing technology, with a host of productivity-boosting features, that will help you sell smarter and faster. As you work toward your badge for this module, we'll take you through these features and answer the question, "What is Salesforce, anyway?".

What Is Salesforce?

Salesforce is your customer success platform, designed to help you sell, service, market, analyze, and connect with your customers.

Salesforce has everything you need to run your business from anywhere. Using standard products and features, you can manage relationships with prospects and customers, collaborate and engage with employees and partners, and store your data securely in the cloud.

So what does that really mean? Well, before Salesforce, your contacts, emails, follow-up tasks, and prospective deals might have been organized something like this:

<https://youtu.be/r9EX3lGde5k>

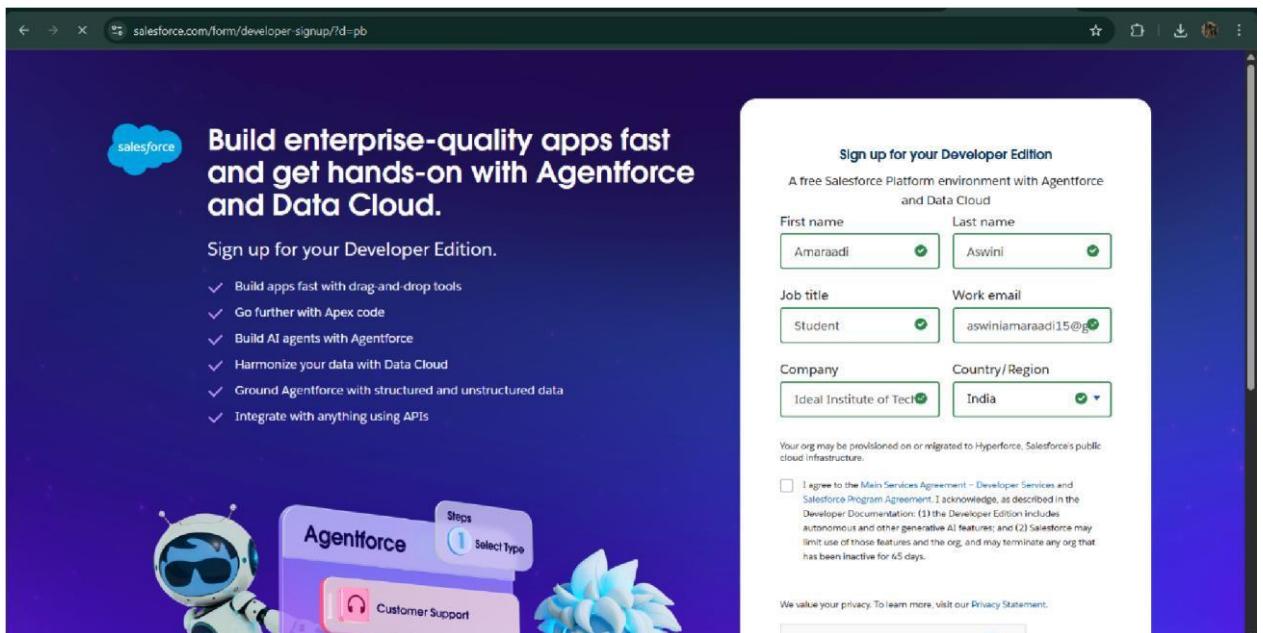
1.2 Purpose

The main objective of the 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:

By using this URL - <https://www.salesforce.com/trailblazer/mwusu20cv96ylxbd1b>



The screenshot shows the Salesforce Object Manager setup screen for the "property" object. The left sidebar lists various configuration options: 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, and Scoring Rules. The main panel displays the "Details" section for the "property" object. It includes fields for API Name (property__c), Singular Label (property), Plural Label (property), Description (empty), Enable Reports (checked), Track Activities (checked), Track Field History (checked), Deployment Status (Deployed), Help Settings (Standard salesforce.com Help Window), and Edit and Delete buttons.

SETUP > OBJECT MANAGER

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

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

Edit Delete

This screenshot shows the Salesforce Object Manager interface for the 'Tenant' object. The left sidebar lists various configuration tabs like Fields & Relationships, Page Layouts, and Record Types. The main 'Details' tab is selected, showing fields for API Name (Tenant__c), Singular Label (Tenant), and Plural Label (Tenants). On the right, there's a section for 'Enable Reports' with checkboxes for Track Activities and Track Field History, both of which are checked. Deployment status is set to 'Deployed'. Help settings point to the standard Salesforce help window. Navigation at the top includes links for Setup, Home, and Object Manager.

SETUP > OBJECT MANAGER

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

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

Edit Delete

This screenshot shows the Salesforce Object Manager interface for the 'lease' object. Similar to the 'Tenant' object, it has configuration tabs for Fields & Relationships, Page Layouts, and Record Types. The 'Details' tab is selected, showing the API name as 'lease__c', singular label as 'lease', and plural label as 'lease'. It includes sections for enabling reports (Track Activities and Track Field History are checked), deployment status (set to 'Deployed'), and help settings (Standard salesforce.com Help Window). The left sidebar and top navigation bar are identical to the first screenshot.

The screenshot shows the Salesforce Setup interface under the Object Manager. A sidebar on the left lists various configuration options like Fields & Relationships, Page Layouts, and Record Types. The main pane displays the 'Details' tab for the 'Payment for tenant' object. It includes fields for API Name (Payment_for_tenant__c), Singular Label (Payment for tenant), Plural Label (Payment), and several checkboxes for tracking and reporting. Buttons for Edit and Delete are at the bottom right.

- Configured fields and relationships

The screenshot shows the Salesforce Setup interface under the Object Manager. The sidebar lists configuration options. The main pane shows the 'Fields & Relationships' section for the 'property' object. It lists nine fields: Address, Created By, Last Modified By, Name, Owner, property, property Name, sqft, and Type. The 'Owner' field is set as the Controlling Field for the indexed relationship.

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	property__c	Lookup(property)	✓	
property Name	Name	Text(80)	✓	
sqft	sqft__c	Text(18)		
Type	Type__c	Picklist		

SETUP > OBJECT MANAGER
Payment for tenant

Fields & Relationships
7 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)		✓

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		

SETUP > OBJECT MANAGER

Tenant

Fields & Relationships
7 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		
status	status_c	Picklist		
Tenant Name	Name	Text(80)	✓	

- Developed Lightning App with relevant tabs

Lightning App Builder

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

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: Application to efficiently handle the processes related to leasing real estate properties.

App Branding

Image:

Primary Color Hex Value: #0670D2

Org Theme Options: Use the app's image and color instead of the org's custom theme

App Launcher Preview

[Lightning App Builder](#) [App Settings](#) [Pages](#) [Lease Management](#)

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

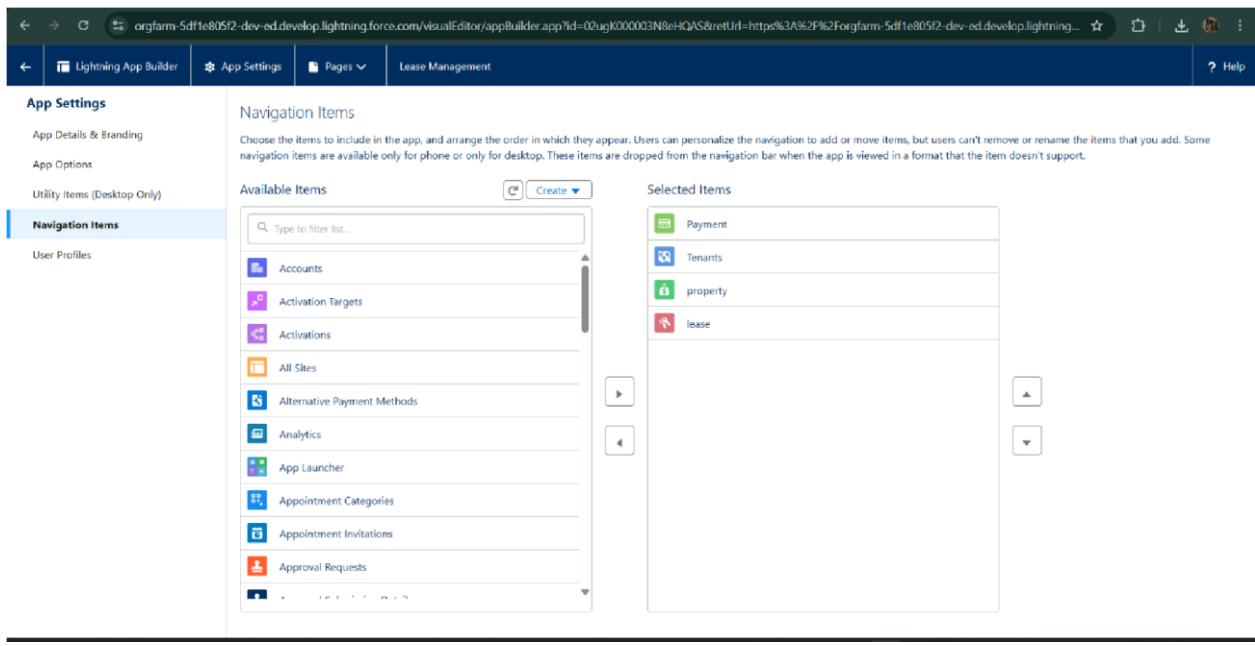
Type to filter list... [Create](#)

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

Selected Items

- Payment
- Tenants
- property
- lease

Up ▲ Down ▼



[Lightning App Builder](#) [App Settings](#) [Pages](#) [Lease Management](#)

App Settings

[App Details & Branding](#)

[App Options](#)

[Utility Items \(Desktop Only\)](#)

User Profiles

Choose the user profiles that can access this app.

Available Profiles

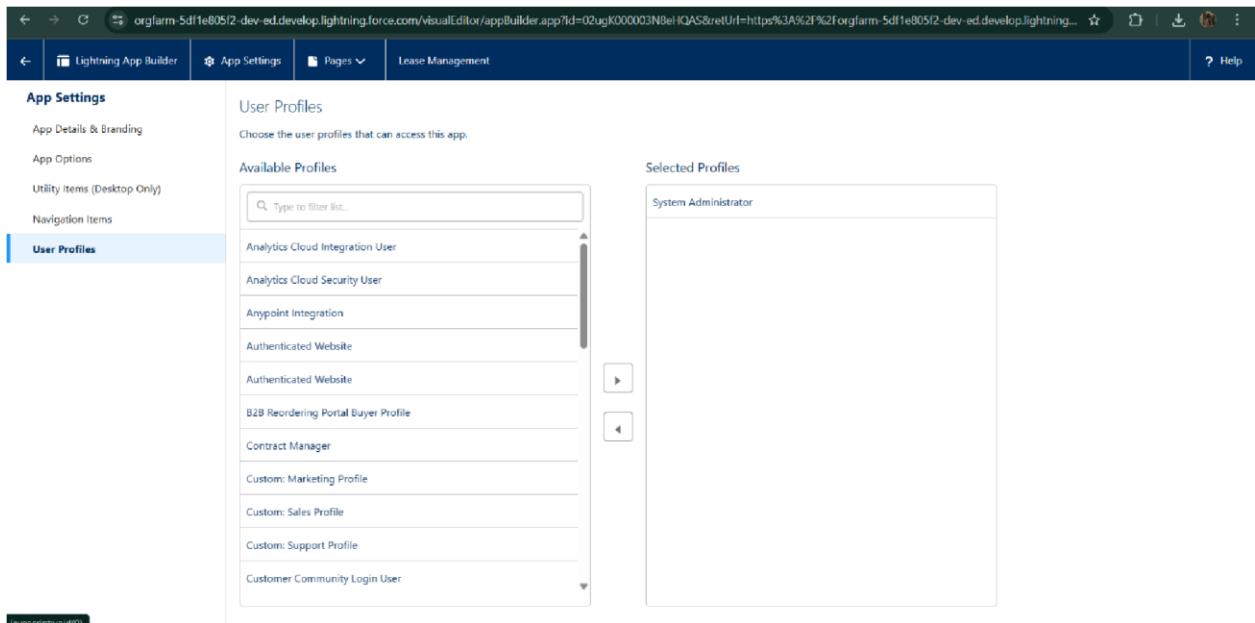
Type to filter list...

- 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

Selected Profiles

- System Administrator

Up ▲ Down ▼

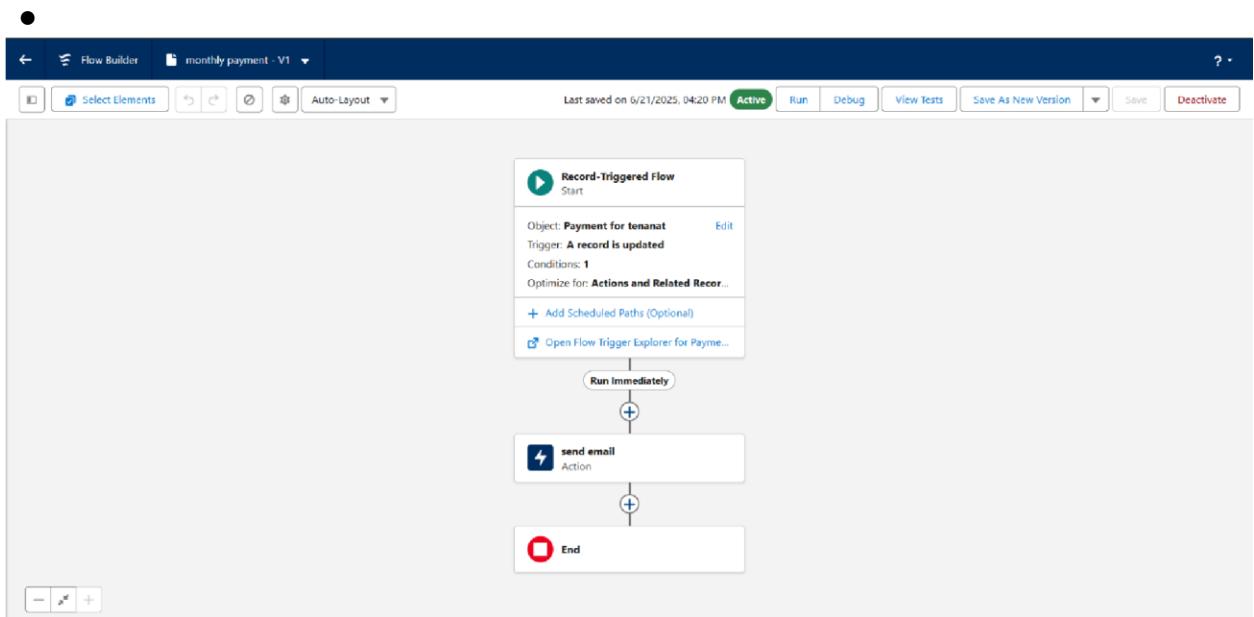


Lease Management

Payment Recently Viewed

5 items • Updated a few seconds ago

	Payment Name	Actions
1	Rahul	▼
2	Jack	▼
3	Raj	▼
4	Sam	▼
5	Lahari	▼



SETUP > OBJECT MANAGER
lease

Validation Rule Edit

Rule Name: lease_end_date

Active:

Description:

Error Condition Formula

Example: Discount_Percent_C>30 More Examples...
Display an error if Discount is more than 30%

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

Insert Field Insert Operator `End_date_c <= start_date_c`

Functions

- All Function Categories -
- ABS
- ACOS
- ADDMONTHS
- AND
- ASCII
- ASIN

Insert Selected Function
ABS(number)
Returns the absolute value of a number, a number without its sign

Help on this function

Check Syntax

Save Save & New Cancel

Quick Tips

- Operators & Functions

R = Required Information

SETUP > OBJECT MANAGER
lease

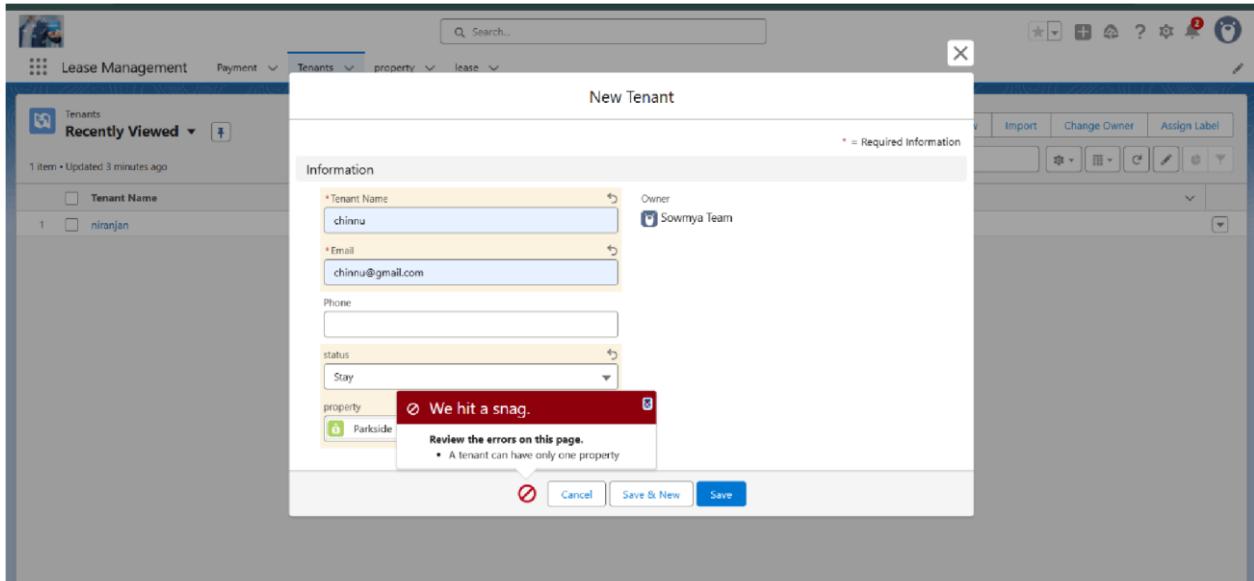
lease Validation Rule

Back to lease

Validation Rule Detail

Rule Name	lease_end_date	Active	<input checked="" type="checkbox"/>
Error Condition Formula	End_date_c <= start_date_c	Error Message	Your End date must be greater than start date
Description			
Created By	Sowmya Team	Modified By	Sowmya Team
	Edit	Close	

Help for this Page



```
File -> Edit -> Design -> Test -> Workbench -> Help ->
Toolbars: Application Bar: MonthlyEmailScheduler.apex
Last Change: Now - API Version: 44.0
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';
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     }
36 }
```

Setup Home Object Manager

Q_email template

v Email Classic Email Templates Lightning Email Templates

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

Search Setup

Classic Email Templates

Leave approved

Preview your email template below.

Email Template Detail

Email Templates from Salesforce	Unified Public Classic Email Templates
Email Template Name	Leave approved
Template Unique Name	Leave_approved
Encoding	Unicode (UTF-8)
Author	Sowmya Team [Change]
Description	
Created By	Sowmya Team, 6/20/2025, 1:08 AM
Modified By	Sowmya Team, 6/20/2025, 1:08 AM

Available For Use

Last Used Date

Times Used

Edit Delete Close

Email Template

Send Test and Verify Merge Fields

Subject: Leave approved

Main Text Preview

```
dear{Tenant__c.Name},  
  
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.
```

Setup Home Object Manager

Q_email template

v Email Classic Email Templates Lightning Email Templates

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

Search Setup

Classic Email Templates

tenant leaving

Preview your email template below.

Email Template Detail

Email Templates from Salesforce	Unified Public Classic Email Templates
Email Template Name	tenant leaving
Template Unique Name	tenant_leaving
Encoding	Unicode (UTF-8)
Author	Sowmya Team [Change]
Description	
Created By	Sowmya Team, 6/20/2025, 1:06 AM
Modified By	Sowmya Team, 6/20/2025, 1:06 AM

Available For Use

Last Used Date

Times Used

Edit Delete Close

Email Template

Send Test and Verify Merge Fields

Subject: request for approve the leave

Main Text Preview

```
Dear {Tenant__c.CreatedBy},  
  
Please approve my leave
```

The screenshot shows the Salesforce Setup interface with the following details:

Classic Email Templates

Leave rejected

Email Template Detail

Email Templates from Salesforce	Unified Public Classic Email Templates	Available For Use	
Email Template Name	Leave rejected	<input checked="" type="checkbox"/>	
Template Unique Name	Leave_rejected	Last Used Date	
Encoding	Unicode (UTF-8)	Times Used	
Author	Sowmya Team [Change]		
Description			
Created By	Sowmya Team 6/20/2025, 1:11 AM	Modified By	Sowmya Team 6/20/2025, 1:11 AM

Email Template

Subject: Leave rejected

Plain Text Preview

Dear {Tenant_c_Name},

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

Your leave has rejected

The screenshot shows the Salesforce Setup interface with the following details:

Classic Email Templates

Tenant Email

Email Template Detail

Email Templates from Salesforce	Unified Public Classic Email Templates	Available For Use	
Email Template Name	Tenant Email	<input checked="" type="checkbox"/>	
Template Unique Name	Tenant_Email	Last Used Date	
Encoding	Unicode (UTF-8)	Times Used	
Author	Sowmya Team [Change]		
Description			
Created By	Sowmya Team 6/20/2025, 1:12 AM	Modified By	Sowmya Team 6/20/2025, 1:12 AM

Email Template

Subject: Urgent: Monthly Rent Payment Reminder

Plain Text Preview

Dear {Tenant_c_Name},

I trust this email finds you well. We appreciate your continued tenancy at our property and I hope you have been comfortable in your residence.

Classic Email Templates

tenant payment

Email Template Detail

Email Template Name	tenant payment
Template Unique Name	tenant_payment
Encoding	Unicode (UTF-8)
Author	Sowmya_Team [Change]
Description	
Created By	Sowmya_Team 6/20/2025, 1:13 AM
Modified By	Sowmya_Team 6/20/2025, 1:13 AM

Email Template

Subject: Confirmation of Successful Monthly Payment

Plain Text Preview

Dear {Tenant__c_Email__c},
We hope this email finds you well. We are writing to inform you that we have successfully received your monthly payment. Thank you for your prompt and diligent payment.

Approval Processes

Tenant: TenantApproval

Process Definition Detail

Process Name	TenantApproval
Unique Name	TenantApproval
Description	
Entry Criteria	tenant__status EQUALS Stay
Record Editability	Administrator ONLY
Allow Submitters to Recall Approval Requests	<input type="checkbox"/>

Approval Assignment Email Template

Initial Submitters	Tenant Owner
Created By	Sowmya_Team 6/23/2025, 3:41 AM
Modified By	Sowmya_Team 6/26/2025, 11:57 PM

Initial Submission Actions

Action Type	Description
Record Lock	Lock the record from being edited

Approval Steps

Action	Step Number	Name	Description	Criteria	Assigned Approver	Reject Behavior
Show Actions	1	Step 1			User:Sowmya_Team	Final Rejection

orgfarm-5d1fe805f2-dev-ed.develop.lightning.force.com/lightning/setup/ApprovalProcesses/page?address=%2f04gK0000004rBz

The screenshot shows the Salesforce Setup interface for Approval Processes. A process named "check for vacant" is displayed. The process definition details include:

- Process Name: check for vacant
- Unique Name: check_for_vacant
- Description: Tenant: check for vacant
- Entry Criteria: Tenant__c.status EQUALS Leaving
- Record Editability: Administrator ONLY
- Next Automated Approver Determined By: Active (checked)
- Approval Assignment Email Template: LeaveApproved
- Initial Submitters: Tenant Owner
- Created By: Sowmya Team
- Modified By: Sowmya Team

Initial Submission Actions:

Action	Type	Description
Record Lock	Record Lock	Lock the record from being edited
Email Alert	Email Alert	please approve my leave

Approval Steps:

Action	Step Number	Name	Description	Criteria	Assigned Approver	Reject Behavior
Show Actions	Edit	step1			User:Sowmya Team	Final Rejection

File > Edit > Debug > Test > Workspace > Help < >

test.apex [] testHandler.apxc [] MonthlyEmailScheduler.apxc []

Code Coverage: None API Version: 54 Go To

```
1 trigger test on Tenant__c (before insert)
2
3 {
4
5     if(trigger.isInsert && trigger.isBefore){
6
7         testHandler.preventInsert(trigger.new);
8
9     }
10 }
```

An Entity Type selector dialog is open, showing the following results:

Entity Type	Name	Namespace	Label
Classes	test		
Triggers			
Pages			
Page Components			
Objects			
Static Resources			
Packages			

Logs Tests Checkpoints Query Editor View State Progress Problems

Developer Console - Google Chrome

orgfarm-5df1e805f2-dev-ed-develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

File Edit Debug Test Workspace Help < >

test.apex [] MonthlyEmailScheduler.apac []

Code Coverage: None API Version: 64 Go To

```
trigger test on Tenant__c (before insert)
{
    if(trigger.isInsert && trigger.isBefore){
        testHandler.preventInsert(trigger.new);
    }
}
```

Logs Tests Checkpoints Query Editor View State Progress Problems

Name Line Problem

Developer Console - Google Chrome

orgfarm-5df1e805f2-dev-ed-develop.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage

File Edit Debug Test Workspace Help < >

test.apex [] MonthlyEmailScheduler.apac []

Code Coverage: None API Version: 64 Go To

```
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(existin
        }
        for (Tenant__c newTenant : newList) {
            if (newTenant.Property__c != null)
                newTenantaddError('A t
        }
    }
}
```

Open Entity Type Entity Name Namespace Related

Entity Type	Entity Name	Namespace	Related
Classes	testHandler	MonthlyEmailScheduler	↳ test ApexTrigger References ↳ property CustomField References ↳ Tenant__c SObject References ↳ Tenant__c SObject References
Triggers			
Pages			
Page Components			
Objects			
Static Resources			
Packages			

Open Filter Hide Managed Packages Refresh

Logs Tests Checkpoints Query Editor View State Progress Problems

Name Line Problem

Developer Console - Google Chrome

orgfarm-5df1e805f2-dev-ed.develop.my.salesforce.com/_ui/common/apex/debug/ApexCSPage

File Edit Debug Test Workspace Help

test.apex testHandler.apxc MonthlyEmailScheduler.apac

Code Coverage Name API Version 64 Go To

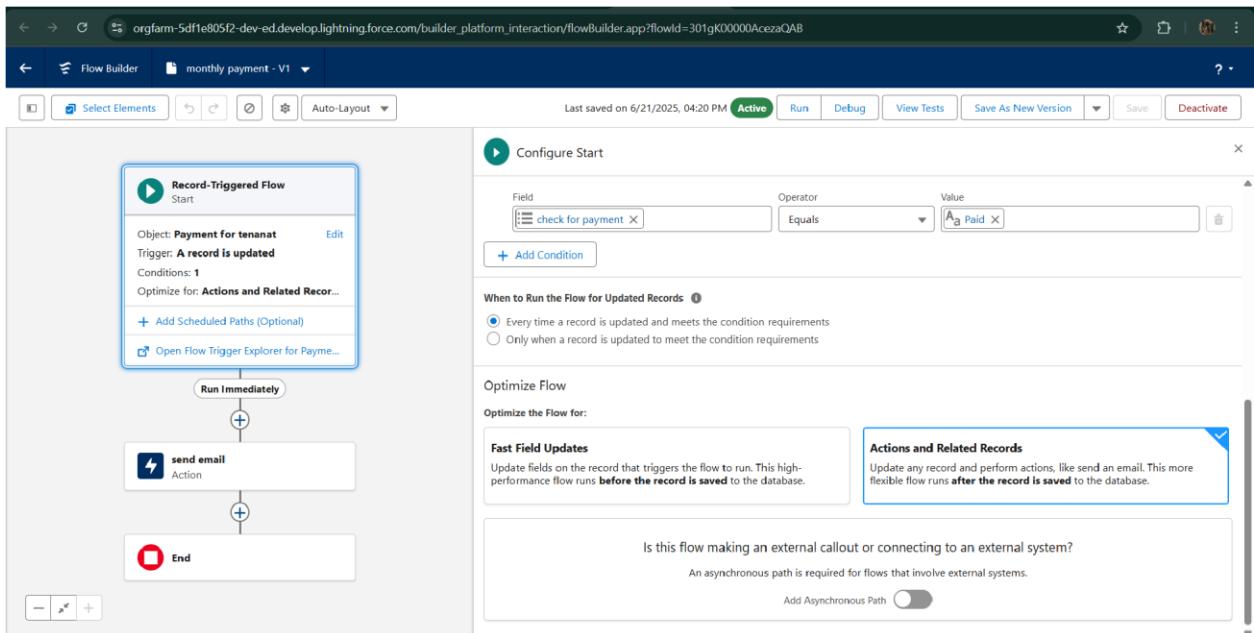
```

1 * public class testHandler {
2
3     public static void preventInsert(List<Tenant__c> newList) {
4
5         Set<Id> existingPropertyIds = new Set<Id>();
6
7         for (Tenant__c existingTenant : [SELECT Id, Property__c FROM Tenant__c WHERE Property__c != null]) {
8
9             existingPropertyIds.add(existingTenant.Property__c);
10
11         }
12
13
14         for (Tenant__c newTenant : newList) {
15
16
17             if (newTenant.Property__c != null && existingPropertyIds.contains(newTenant.Property__c)) {
18
19                 newTenantaddError('A tenant can have only one property');
20
21             }
22
23         }
24
25     }
26
27 }
```

Logs Tests Checkpoints Query Editor View State Progress Problems

Name Line Problem

● FLOWS



The screenshot shows the Salesforce Flow Builder interface with the following details:

- Flow Name:** monthly payment - V1
- Last saved on:** 6/21/2025, 04:20 PM
- Status:** Active
- Object:** Payment for tenantat
- Trigger:** A record is updated
- Conditions:** 1
- Optimize for:** Actions and Related Records
- Buttons:** Select Elements, Auto-Layout, Run, Debug, View Tests, Save As New Version, Save, Deactivate

The flow diagram consists of the following steps:

```
graph TD; Start((Record-Triggered Flow Start)) --> RunImmediately[Run Immediately]; RunImmediately --> SendEmail[send email Action]; SendEmail --> End((End))
```

Configure Start

Select Object
Select the object whose records trigger the flow when they're created, updated, or deleted.
Object: Payment for tenantat

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)

- Schedule class:
Create an Apex Class

Developer Console - Google Chrome

File Edit Debug Test Workspace Help < >

testApex [] testHandler.apex [] MonthlyEmailScheduler.apex [] Code Coverage: None API Version: 54 Go To

```
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  
16 * public static void sendMonthlyEmail {  
17  
18     List<Tenant__c> tenants = [SELECT  
19  
20         for (Tenant__c tenant : tenants)  
21  
22             String recipientEmail = tenant.Email__c;  
23  
  
Entity Type Entity Related  
-----  
Classes testHandler Name Extent CronTrigger Referenced...  
Triggers MonthlyEmailScheduler Email CustomField... References  
Pages Tenant__c ← Tenant__c SObject References  
Page Components Tenant__c ← Tenant__c SObject References  
Objects Static Resources  
Packages  
  
Open Filter Hide Managed Packages Refresh
```

Logs Tests Checkpoints Query Editor View Status Progress Problems

Developer Console - Google Chrome

orgfarm-5d1fe805f2-dev-ed.develop.my.salesforce.com/ui/common/apex/debug/ApexCSIPage

```

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
16    public static void sendMonthlyEmails() {
17
18        List<Tenant__c> tenants = [SELECT Id, Email__c FROM Tenant__c];
19
20        for (Tenant__c tenant : tenants) {
21
22            String recipientEmail = tenant.Email__c;
23
24            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.' ;
25
26            String emailSubject = 'Rent Remind: Monthly Rent Payment Due';
27
28            Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
29
30            email.setPlainText(new String[]{recipientEmail});
31
32            email.setSubject(emailSubject);
33
34            email.setHtmlBody(emailContent);
35
36            messaging.sendEmail(new Messaging.SingleEmailMessage[]{email});
37
38        }
39
40    }
41
42 }

```

Schedule Apex class

Setup Home Object Manager ▾

Search Setup

Apex Classes

Apex Class MonthlyEmailScheduler

Apex Class Detail		Status	Active
Name	MonthlyEmailScheduler	Code Coverage	0% (0/15)
Namespace Prefix		Last Modified By	Somya Team . 6/23/2025, 2:47 AM
Created By	Somya Team . 6/23/2025, 2:46 AM		
Edit Delete Download Security Show Dependencies			
Class Body Class Summary Version Settings Trace Flags			
<pre> 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 16 public static void sendMonthlyEmails() { 17 18 List<Tenant__c> tenants = [SELECT Id, Email__c FROM Tenant__c]; 19 20 for (Tenant__c tenant : tenants) { 21 22 String recipientEmail = tenant.Email__c; 23 24 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.' ; 25 26 String emailSubject = 'Rent Remind: Monthly Rent Payment Due'; 27 28 Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage(); 29 30 email.setPlainText(new String[]{recipientEmail}); 31 32 email.setSubject(emailSubject); 33 34 email.setHtmlBody(emailContent); 35 36 messaging.sendEmail(new Messaging.SingleEmailMessage[]{email}); 37 38 } 39 40 } 41 42 } </pre>			

Tenant **Aswini**

Related **Details**

* = Required Information

* Tenant Name: Aswini

Owner: Sowmya Team

* Email: aswiniamaraadi15@gmail.com

Phone: (905) 223-5567

Status: Leaving

property: Imran

Created By: Sowmya Team. 6/26/2025, 6:05 AM

Last Modified By: Sowmya Team. 6/26/2025, 11:06 PM

New Contact Edit New Opportunity

Activity

New Case
New Lead
Delete
Clone
Change Owner
Printable View
Submit for Approval
Edit Labels

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.

Tenant **Aswini**

Related **Details**

* = Required Information

* Tenant Name: Aswini

Owner: Sowmya Team.

* Email: aswiniamaraadi15@gmail.com

Phone: (905) 223-5567

Status: Leaving

property: Imran

Created By: Sowmya Team. 6/26/2025, 6:05 AM

Last Modified By: Sowmya Team. 6/26/2025, 11:06 PM

New Contact Edit New Opportunity

Activity

Tenant was submitted for approval.

New Case
New Lead
Delete
Clone
Change Owner
Printable View
Submit for Approval
Edit Labels

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.

Lease Management

Process Instance Step Tenant Approval Approved

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

Details

Approval Details

Tenant Name Aswini Owner Sowmya Team

property Imran

Notifications

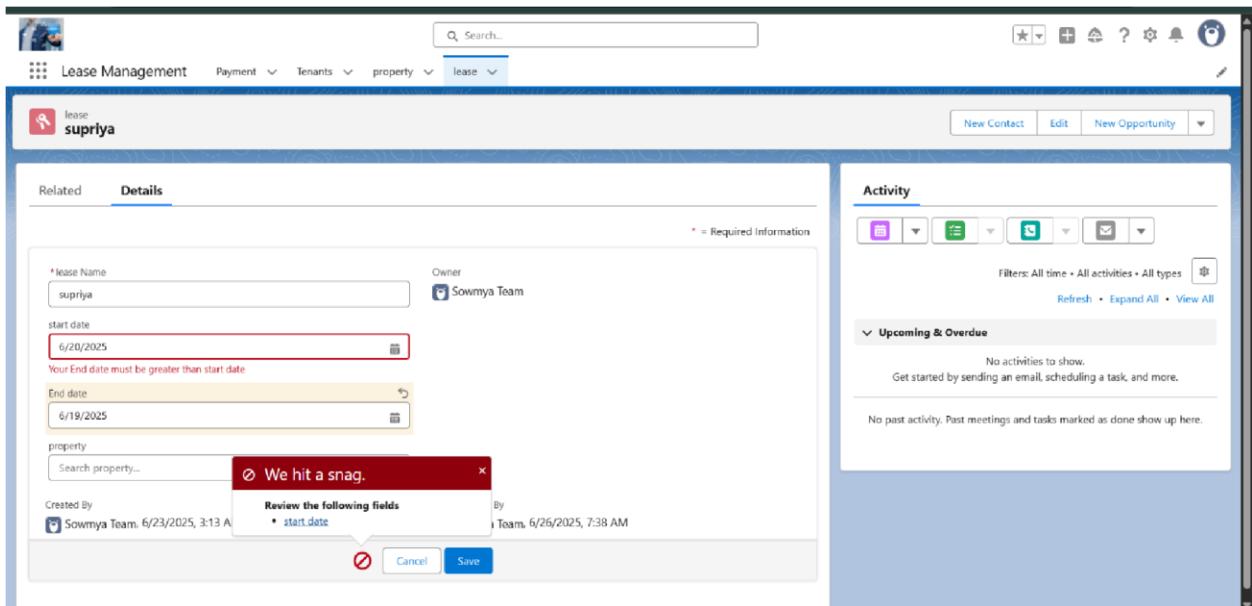
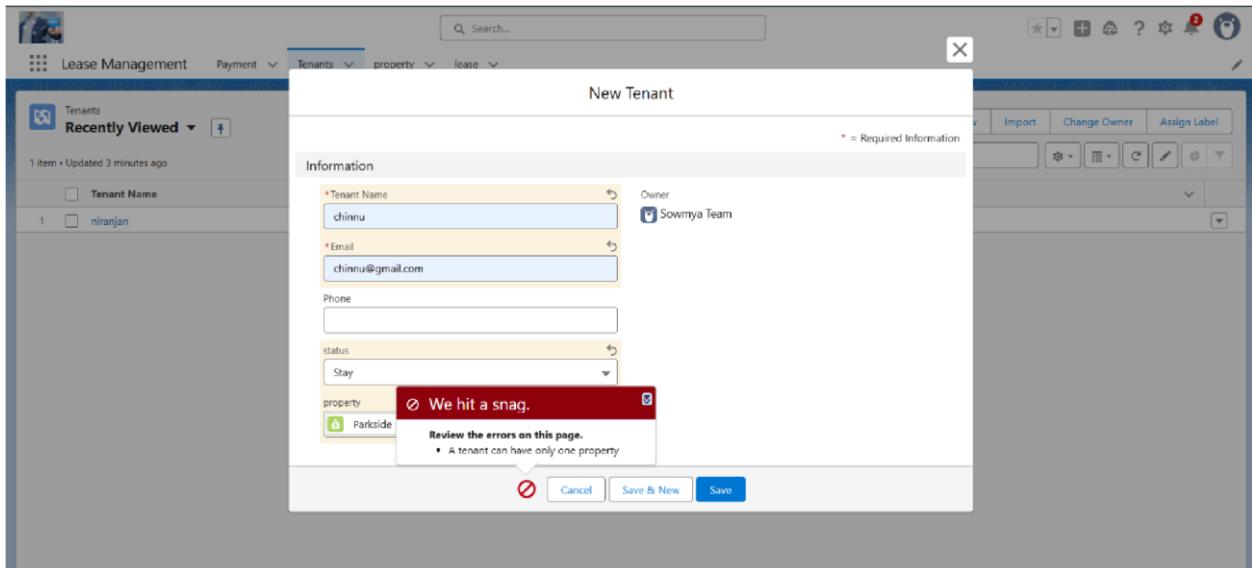
Approval request for the tenant is approved Aswini a few seconds ago *

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

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

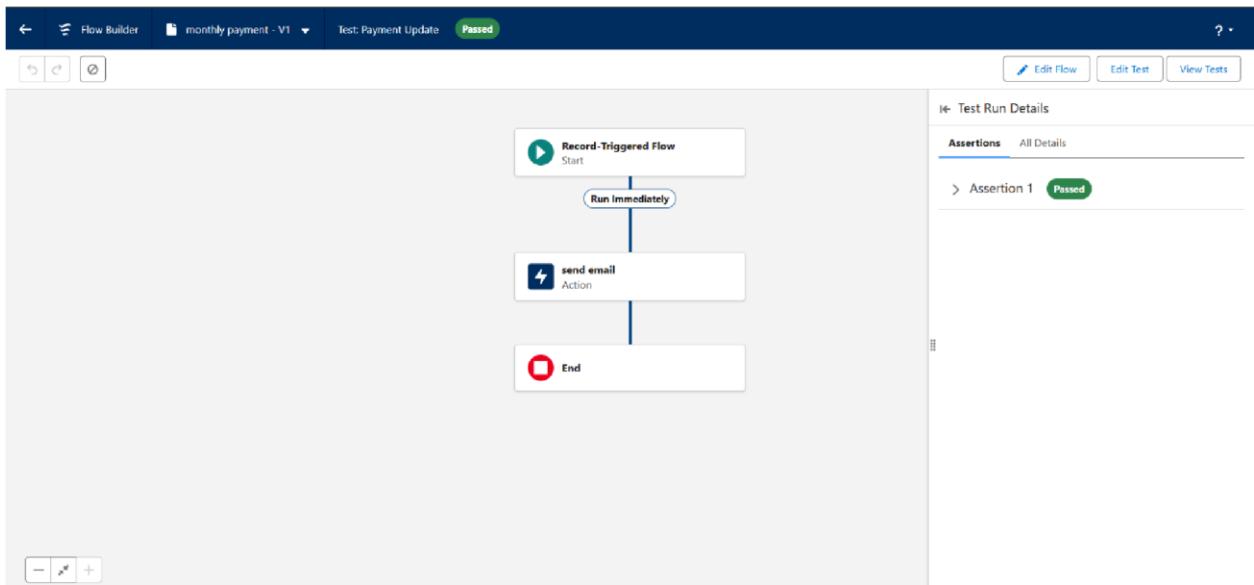
Approval request for the tenant is approved Aswini an hour ago *

Approval request for the tenant is approved Kiran 19 hours ago *



The screenshot shows a Salesforce Lease Management page for a lease named 'supriya'. The 'start date' field contains '6/20/2025' and the 'End date' field contains '6/19/2025'. A validation error message 'Your End date must be greater than start date.' is displayed above the 'End date' field. A modal window titled 'We hit a snag.' provides a detailed error message: 'Review the following fields' followed by a list with 'start_date' checked. The 'Save' button is present in the modal.

- Test flows on payment update



Tenant: niranjan

Details

* = Required Information

* 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

Cancel **Save**

Notifications

- A** Approval request for the tenant is approved
niranjan
a few seconds ago *
- B** Approval request for the tenant is rejected
niranjan
Jun 23, 2025, 4:29 PM
- C** Approval request for the tenant is approved
niranjan
Jun 23, 2025, 4:25 PM
- D** Approval request for the tenant is approved
niranjan
Jun 23, 2025, 4:14 PM
- E** New Guidance Center learning resource available
Define Your Sales Process
Learn how to guide reps through the sales process.
Jun 20, 2025, 1:28 PM *

Tenant: niranjan

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

View All

Payment (2)

Payment Name	New
Jack	
Rahul	

View All

New Contact **Edit** **New Opportunity**

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

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

RESULTS

Output Screenshots

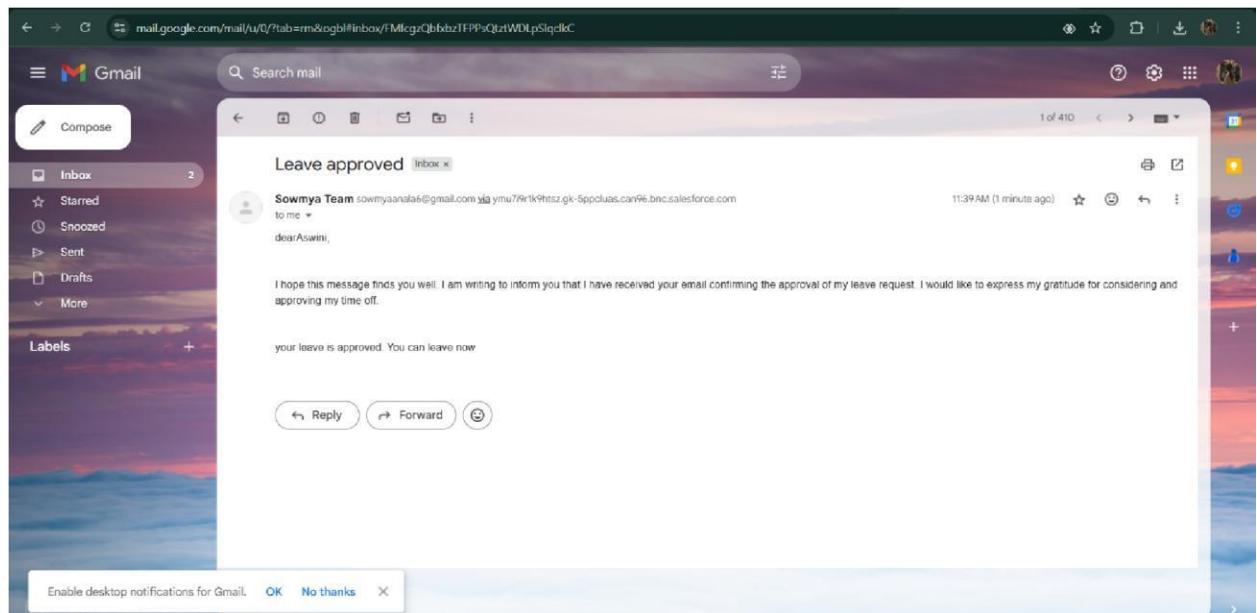
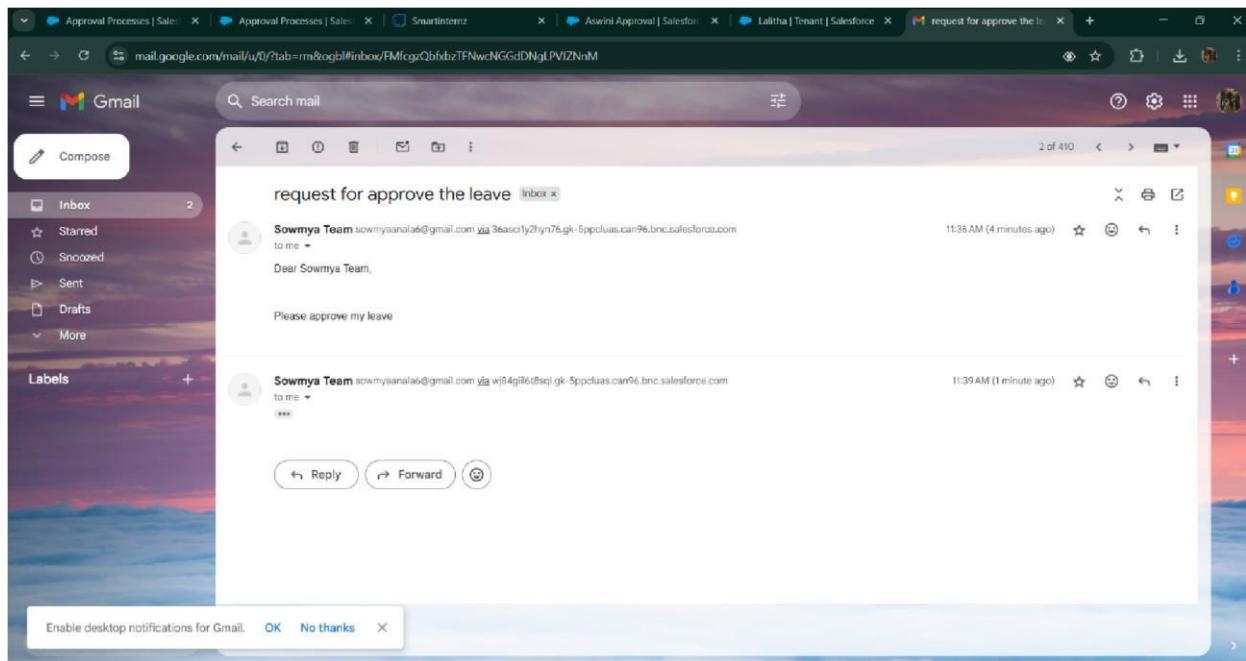
The screenshot shows the Salesforce Setup interface under the 'Tabs' section. It displays three main sections: 'Custom Object Tabs', 'Web Tabs', and 'Visualforce Tabs'. In the 'Custom Object Tabs' section, there is a table with four rows, each representing a custom tab:

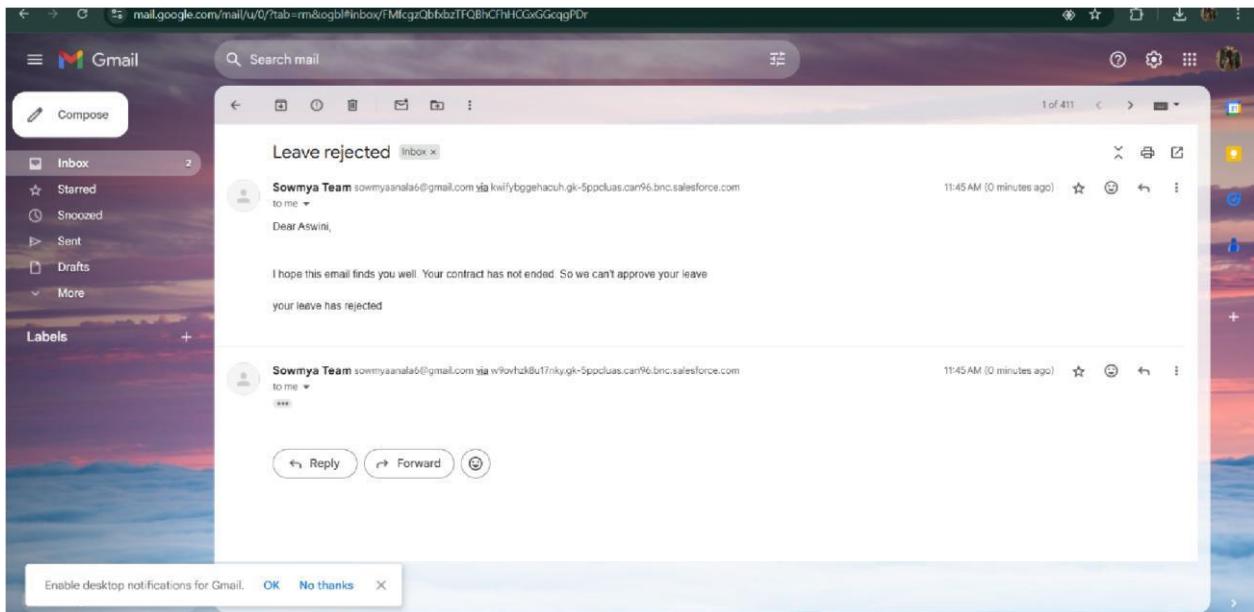
Action	Label	Tab Style	Description
Edit Del	Keys	Keys	
Edit Del	Credit card	Credit card	
Edit Del	Sack	Sack	
Edit Del	Map	Map	

- Email alerts

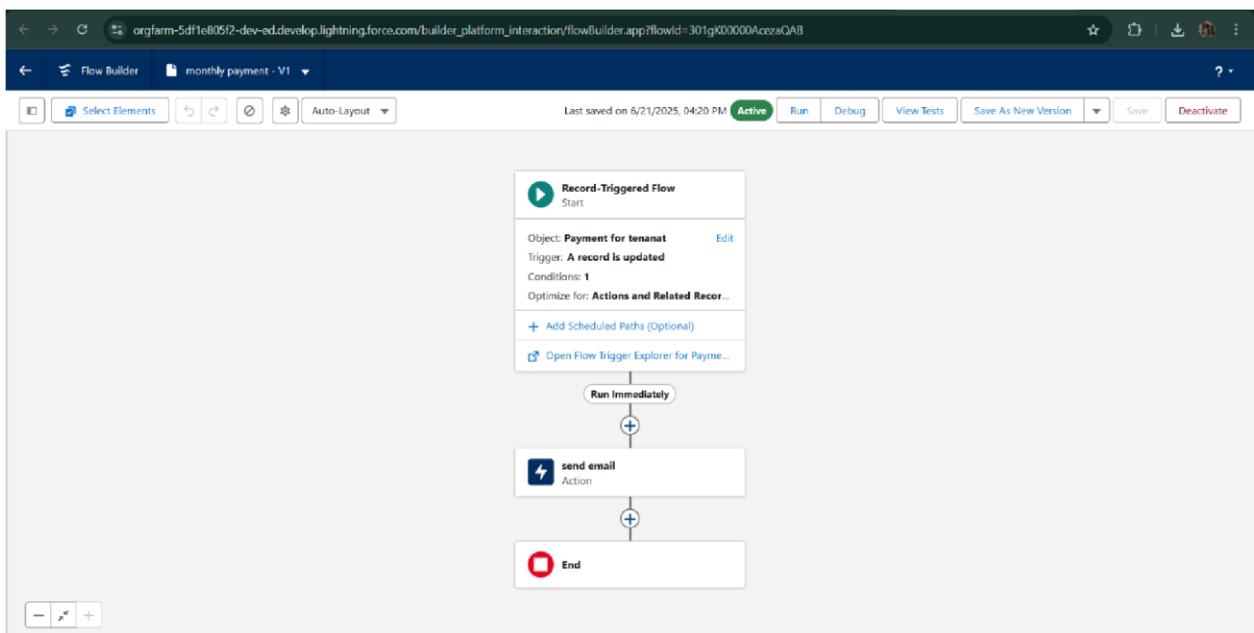
The screenshot shows the 'Lease Management' application interface. The top navigation bar includes 'Lease Management', 'Payment', 'Tenants', 'property', and 'lease'. Below the navigation, a breadcrumb trail shows 'Tenants > nitinjan'. The main area is titled 'Approval History' and displays a table of 8 items, sorted by 'Is Pending' and updated a few seconds ago. The table columns are: Step Name, Date, Status, Assigned To, Actual Approver, and Comments.

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, 5:39 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, 3:55 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

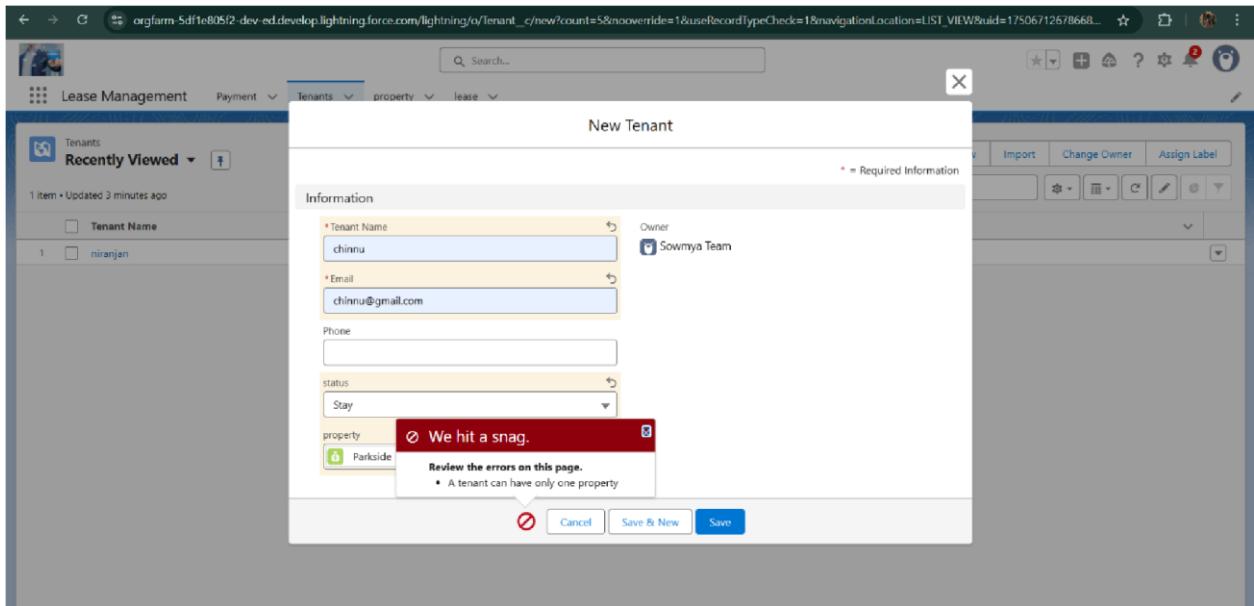




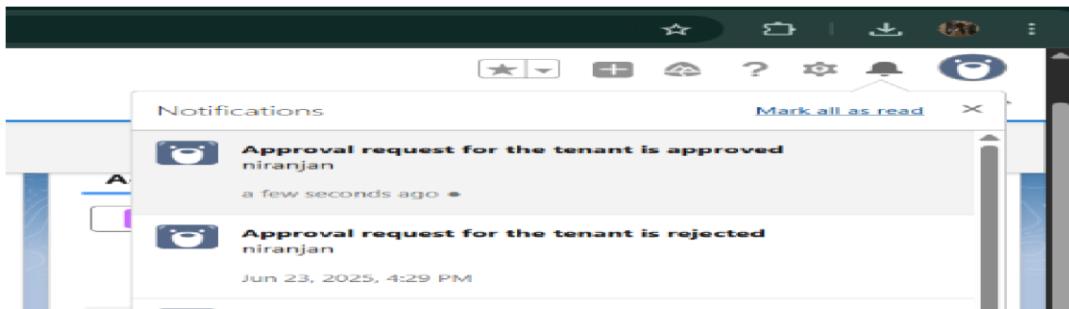
- Flow runs



- Trigger error messages



- Approval process notifications



APPENDIX

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

```
public class AmountDistributionHandler {  
  
    public static void amountDist(list<Appointment__c> listApp){  
        list<Service_records__c> serList = new list <Service_records__c>();  
  
        for(Appointment__c app : listApp){  
            if(app.Maintenance_service__c == true && app.Repairs__c == true &&  
app.Replacement_Parts__c == true){  
                app.Service_Amount__c = 10000;  
            }  
            else if(app.Maintenance_service__c == true && app.Repairs__c == true){  
                app.Service_Amount__c = 5000;  
            }  
            else if(app.Maintenance_service__c == true && app.Replacement_Parts__c == true){  
                app.Service_Amount__c = 8000;  
            }  
            else if(app.Repairs__c == true && app.Replacement_Parts__c == true){  
                app.Service_Amount__c = 7000;  
            }  
            else if(app.Maintenance_service__c == true){  
                app.Service_Amount__c = 2000;  
            }  
            else if(app.Repairs__c == true){  
                app.Service_Amount__c = 3000;  
            }  
            else if(app.Replacement_Parts__c == true){  
                app.Service_Amount__c = 5000;  
            }  
        }  
    }  
}
```

```
trigger AmountDistribution on Appointment__c (before insert, before update) {  
    if(trigger.isbefore && trigger.isinsert || trigger.isupdate){  
        AmountDistributionHandler.amountDist(trigger.new);  
    }  
}
```

