

Lease Management

Project Title :Lease Management

College : Kg College of arts and science

Team ID : NM2025TMID23806

Team Size : 4

Team Member Details:

1. Team Leader : Suganth.S

Email : 2326jb50@kgcas.com

2. Team Member : Sugasri.K

Email : 2326jb51@kgcas.com

3. Team Member : Swetha.R

Email : 2326jb52@kgcas.com

4. Team Member : Thasleema.B

Email : 2326jb53@kgcas.com

LEASE MANAGEMENT

Requirements:

- 1) Windows 8 or advanced machine
- 2) Install with two web browser
- 3) Bandwidth of 30mbps

Overview:

A lease management project involves creating a system or application to efficiently handle the processes related to leasing real estate properties, equipment, or other assets. The goal is to streamline and automate various tasks associated with lease agreements, ensuring accurate record-keeping, compliance with regulations, and effective communication between parties involved.

property**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

Details

Description

API Name

property__c

Custom



Singular Label

property

Plural Label

property

Enable Reports



Track Activities



Track Field History



Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

[Edit](#)



Setup

Home

Object Manager ▾

SETUP > OBJECT MANAGER

property

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

Fields & Relationships

8 Items, Sorted by Field Label

[New](#)[Deleted Fields](#)[Field Dependencies](#)[Set History Tracking](#)

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)		
property Name	Name	Text(80)		✓
sfqt	sfqt__c	Text(18)		
Tenant	Tenant__c	Master-Detail(Tenant)		✓



Tenant

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

Details

Description

API Name

Tenant__c

Custom



Singular Label

Tenant

Plural Label

Tenants

Edit

Delete

Enable Reports



Track Activities



Track Field History



Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

SETUP > OBJECT MANAGER

Tenant

- 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

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)		✓



property



Setup

Home

Object Manager

SETUP > OBJECT MANAGER

lease

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

Details

Description

API Name

lease__c

Custom



Singular Label

lease

Plural Label

lease

Edit

Delete

Enable Reports



Track Activities



Track Field History



Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window



lease

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

Validation Rules

1 Items, Sorted by Rule Name

New

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY	
lease_end_date	start date	Your End date must be greater than start date	✓	KARTHIKEYAN R, 12/11/2024, 10:21 am	

2103com3-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01INS000001RrZ7/Details/view

property

☆

+

🔔

?

⚙️

🔔

👤

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Payment for tenanat

Edit

Delete

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

Details

Description

API Name

Payment_for_tenanat_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

2103com3-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01INS000001RrZ7/FieldsAndRelationships/view

property

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Payment for tenanat

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

Fields & Relationships

8 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

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)		
Payment date	Payment_date__c	Date		
Payment for tenanat Name	Name	Text(80)		✓
property	property__c	Master-Detail(Tenant)		✓

Custom Tabs

[Help for this Page](#)

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	 Leaf	
Edit Del	property	 Lightning	
Edit Del	Tenants	 Globe	

Web Tabs

[New](#) [What Is This?](#)

No Web Tabs have been defined

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

Image ⓘ



Primary Color Hex Value ⓘ



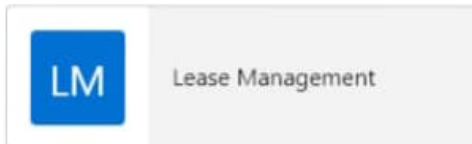
#0070D2

Org Theme Options

☐

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

App Launcher Preview



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

Create

Type to filter list...

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

Selected Items

- Payment
- Tenants
- property
- lease

App Settings

App Details & Branding

App Options

Utility Items (Desktop Only)

Navigation Items

User Profiles

User Profiles

Choose the user profiles that can access this app.

Available Profiles

Analytics Cloud Integration User
Analytics Cloud Security User
Authenticated Website
Authenticated Website
B2B Reordering Portal Buyer Profile
Contract Manager
Custom: Marketing Profile
Custom: Sales Profile
Custom: Support Profile



Selected Profiles

System Administrator



Setup

Home

Object Manager ▾



Email ▾

Classic Email Templates

Lightning Email Templates

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



SETUP

Classic Email Templates

Email Template Detail

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

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

[KARTHIKEYAN R \(Change\)](#)

Description

Created By

[KARTHIKEYAN R](#), 12/11/2024, 10:23 am

Modified By

[KARTHIKEYAN R](#), 12/11/2024, 10:23 am[Edit](#) [Delete](#) [Clone](#)

Email Template

[Send Test and Verify Merge Fields](#)**Subject** | Leave approved**Plain 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



Email ▾

Classic Email Templates

Lightning Email Templates

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



SETUP

Classic Email Templates

Email Template Detail

Edit

Delete

Clone

Email Templates from Salesforce

Unfiled 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

[KARTHIKEYAN.R](#) [\[Change\]](#)

Description

Created By

[KARTHIKEYAN.R](#), 12/11/2024, 10:24 am

Modified By

[KARTHIKEYAN.R](#), 12/11/2024, 10:24 am

Edit

Delete

Clone

Email Template

[Send Test and Verify Merge Fields](#)**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



SETUP

Classic Email Templates

Preview your email template below.

Email Template Detail

Edit

Delete

Clone

Email Templates from Salesforce: Unfiled 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: [KARTHIKEYAN R](#) [\[Change\]](#)

Description

Created By: [KARTHIKEYAN R](#), 12/11/2024, 10:25 am

Modified By

[KARTHIKEYAN R](#), 12/11/2024, 10:25 am

Edit

Delete

Clone

Email Template

Send Test and Verify Merge Fields

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.



SETUP

Classic Email Templates

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 [KARTHIKEYAN R \[Change\]](#)

Description

Created By [KARTHIKEYAN R](#), 12/11/2024, 10:26 amModified By [KARTHIKEYAN R](#), 12/11/2024, 10:26 am[Edit](#)[Delete](#)[Clone](#)

Email Template

[Send Test and Verify Merge Fields](#)

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.



SETUP

Classic Email Templates

+ Review your chosen template design.

Email Template Detail

Edit

Delete

Clone

Email Templates from Salesforce

Unfiled 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 KARTHIKEYAN R [Change]

Description

Created By KARTHIKEYAN R, 12/11/2024, 10:22 am

Modified By KARTHIKEYAN R, 12/11/2024, 10:22 am

Edit

Delete

Clone

Email Template

Send Test and Verify Merge Fields

Subject request for approve the leave

Plain Text Preview

Dear {Tenant__c.CreatedBy},

Please approve my leave



SETUP

Approval Processes



1. [Read the help topic](#)
2. [View the checklist](#)
3. [Create a custom user hierarchical relationship field](#)
4. [Create email templates](#)
5. Create an approval process using either the Jump Start or Standard Wizard
6. Add Approval History Related List to all page layouts
7. Activate the process to deploy to your users

Manage Approval Processes For: Tenant

A listing of both active and inactive approval processes for Tenants is displayed below. To create a new approval process, click Create New Approval Process then select Use Jump Start Wizard to set up your approval process in a few short steps. Or, select Use Standard Wizard to configure all approval options.

[Create New Approval Process](#)

Active Approval Processes

[Reorder](#)

Action	Process Order	Approval Process Name	Description
Edit Deactivate	<input type="text" value="1"/>	check for vacant	

Inactive Approval Processes

No approval processes available



SETUP

Approval Processes

Initial Submission Actions ⓘ

Add Existing

Add New ▾

Action	Type	Description
	Record Lock	Lock the record from being edited
Edit Remove	Email Alert	<u>please approve my leave</u>

Approval Steps ⓘ

Action	Step Number	Name	Description	Criteria	Assigned Approver	Reject Behavior
Show Actions Edit	1	Approve Vacant Status		Tenant:: status NOT EQUAL TO Leaving , else Approve	<u>User KARTHIKEYAN R</u>	Final Rejection

Final Approval Actions ⓘ

Add Existing

Add New ▾

Action	Type	Description
Edit	Record Lock	Lock the record from being edited
Edit Remove	Email Alert	<u>Tenant leaving</u>

Final Rejection Actions ⓘ

Add Existing

Add New ▾

Action	Type	Description
Edit	Record Lock	Unlock the record for editing
Edit Remove	Email Alert	<u>your request for leave is rejected</u>

Recall Actions ⓘ

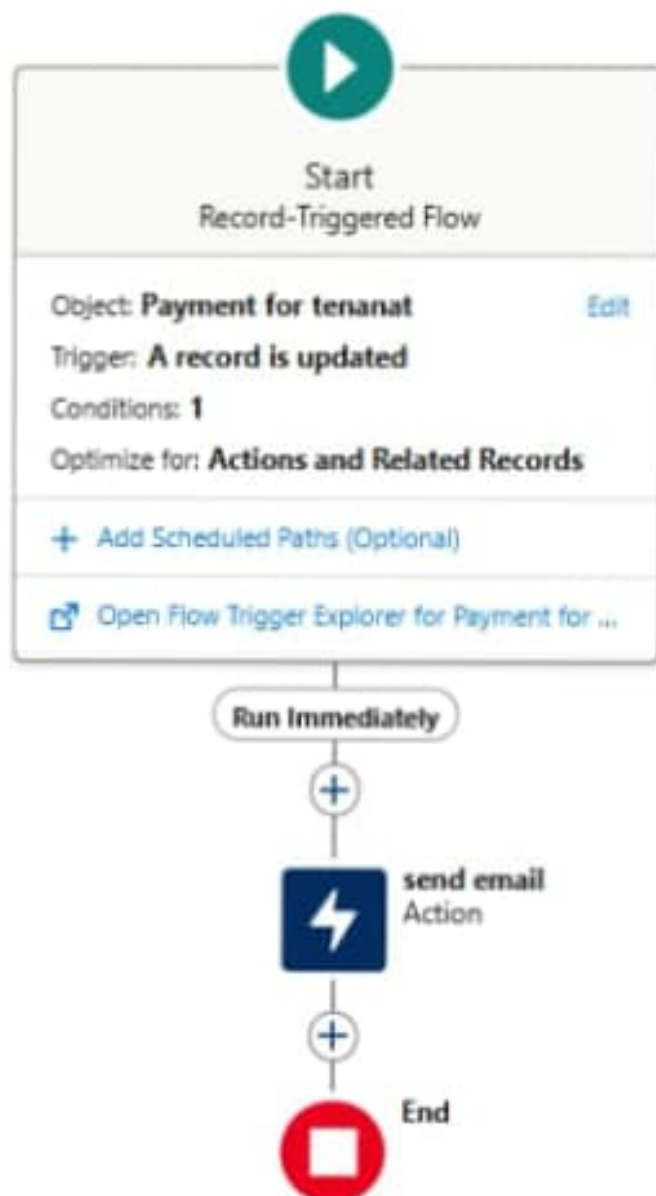
Add Existing

Add New ▾

```
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
11 }
```

Go To

4



File Edit Debug Test Workspace Help < >

test.apxt testHandler.apxc MonthlyEmailScheduler.apxc

Code Coverage: None API Version: 62

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 }
```

Logs Tests Checkpoints Query Editor View State Progress Problems

User	Application	Operation	Time	Status	Read	Size
------	-------------	-----------	------	--------	------	------

☐ Filter [Click here to filter the log list](#)



Apex Class

MonthlyEmailScheduler

Apex Class Detail

Edit

Delete

Download

Security

Show Dependencies

Name MonthlyEmailScheduler

Status Active

Namespace Prefix

Code Coverage 0% (0/15)

Created By KARTHIKEYAN R . 12/11/2024, 11:10 amLast Modified By KARTHIKEYAN R . 12/11/2024, 11:11 am

Class Body

Class Summary

Version Settings

Trace Flags




```
1 global class MonthlyEmailScheduler implements Schedulable {
2
3     global void execute(SchedulableContext so) {
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
18
19
20     List<Target__c> targets = [SELECT Id, Email FROM Target__c];
```



Lease Management Payment ▾ **Tenants ▾** property ▾ lease ▾


 Tenant
karthik

Related **Details**

Tenant Name	karthik	Owner	 KARTHIKEYAN R
Email	karthikramesh2103@gmail.com		
Phone			
status			
Stay			
property			
Home			
Created By	 KARTHIKEYAN R , 12/11/2024, 12:17 pm		
	Last Modified By  KARTHIKEYAN R , 15/11/2024, 12:09 pm		

Notifications

[Mark all as read](#)

 **KARTHIKEYAN R is requesting approval for tenant**
Tenant Name: karthik • Owner: KARTHIKEYAN R

3 minutes ago •

 **New Guidance Center learning resource available**
Set Up Service Cloud
Start setting up Service Cloud with these important first steps.

12-Nov-2024, 9:42 am

 **New Guidance Center learning resource available**
Manage Your Sales Data
Optimize your Salesforce data to fit the unique needs of your user.

12-Nov-2024, 9:42 am

 **New Guidance Center learning resource available**
Set Up Accounts & Contacts
Start storing information about your customers with accounts and contacts.

12-Nov-2024, 9:42 am



Approval Request

Tenant Approval**Pending**

Approve

Reject

Reassign

Submitter

KARTHIKEYAN R

Date Submitted

17-Nov-2024

Actual Approver

KARTHIKEYAN R

Assigned To

KARTHIKEYAN R

Details**Approval Details**

Tenant Name

karthik

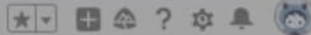
Owner

KARTHIKEYAN R**Submitter Comments**

KARTHIKEYAN R

Leaving

17-Nov-2024, 5:58:28 pm



Lease Management

Payment ▾

Tenants ▾

property ▾

lease ▾

* karthik Approval ▾ ×



Approval Request

Tenant Approval

Pending

Submitter

KARTHIKEYAN R

Date Submitted

17-Nov-2024

Details

Approval Details

Tenant Name

[karthik](#)

Approve Tenant

Comments

Your approval Request is approved

Cancel

Approve

Approve

Reject

Reassign

Comments

KARTHIKEYAN R

leaving

17-Nov-2024, 5:58:28 pm



Process Instance Step

Tenant Approval

Approved

Submitter

KARTHIKEYAN R

Date Submitted

17-Nov-2024

Actual Approver

KARTHIKEYAN R

Assigned To

KARTHIKEYAN R

Details

Approval Details

Tenant Name

[karthik](#)

Owner

[KARTHIKEYAN R](#)

Approver Comments



[KARTHIKEYAN R](#)

Your approval Request is approved

17-Nov-2024, 6:02:33 pm

LINK:

https://drive.google.com/file/d/1wjLD5_G-amLlrPS0kjav67b9vlk-q3Sq/view?usp=drivesdk