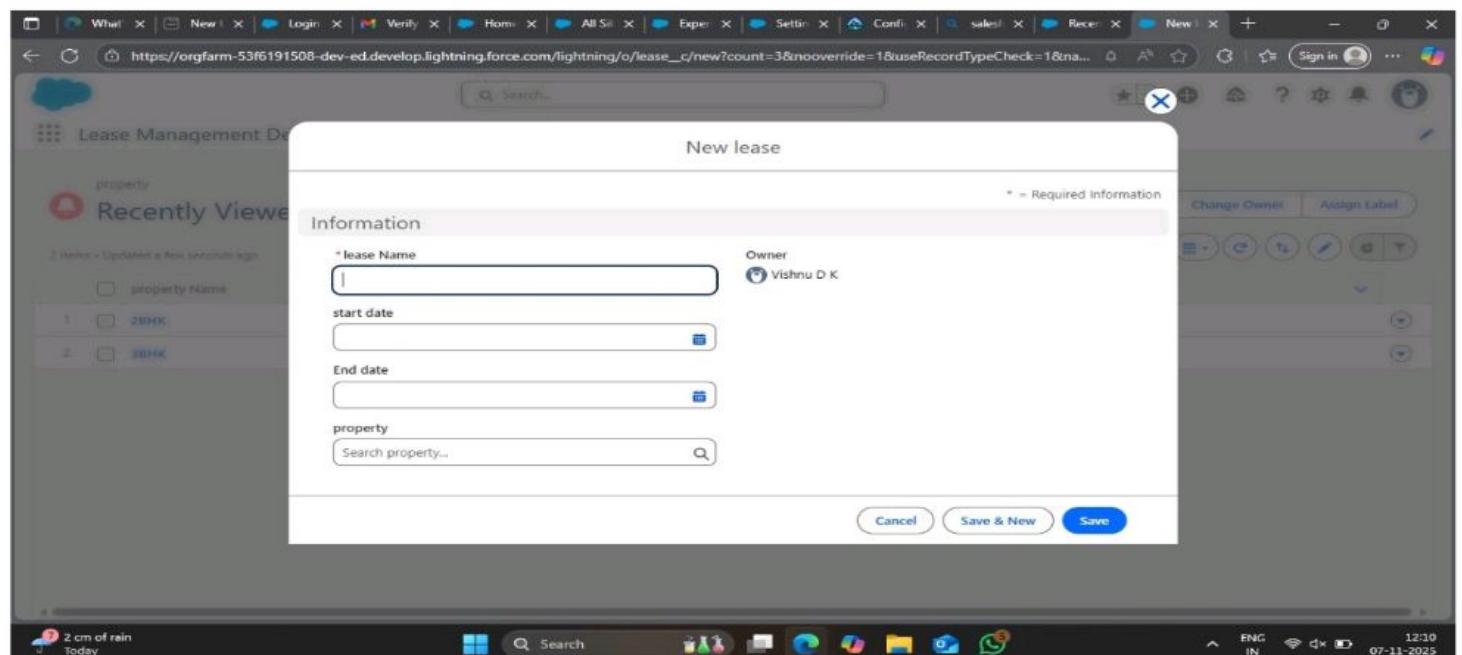
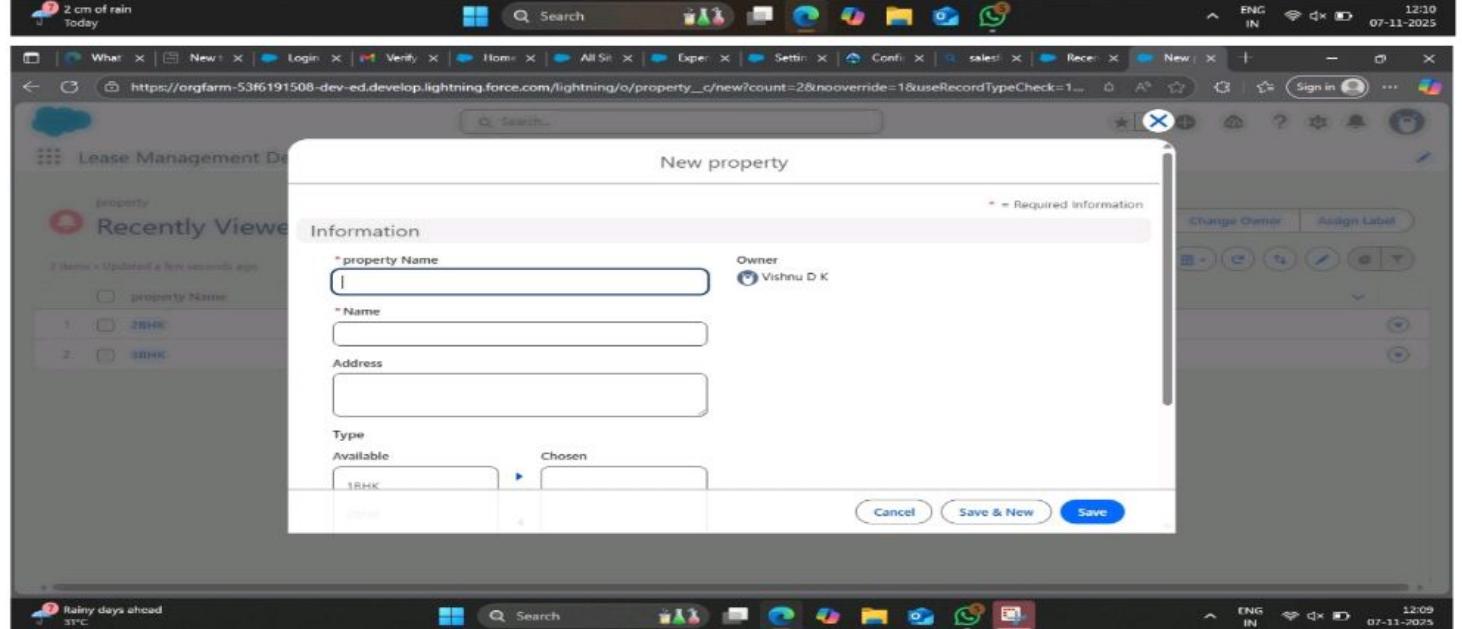


APPENDIX - SCREENSHOTS

Lease Management App home

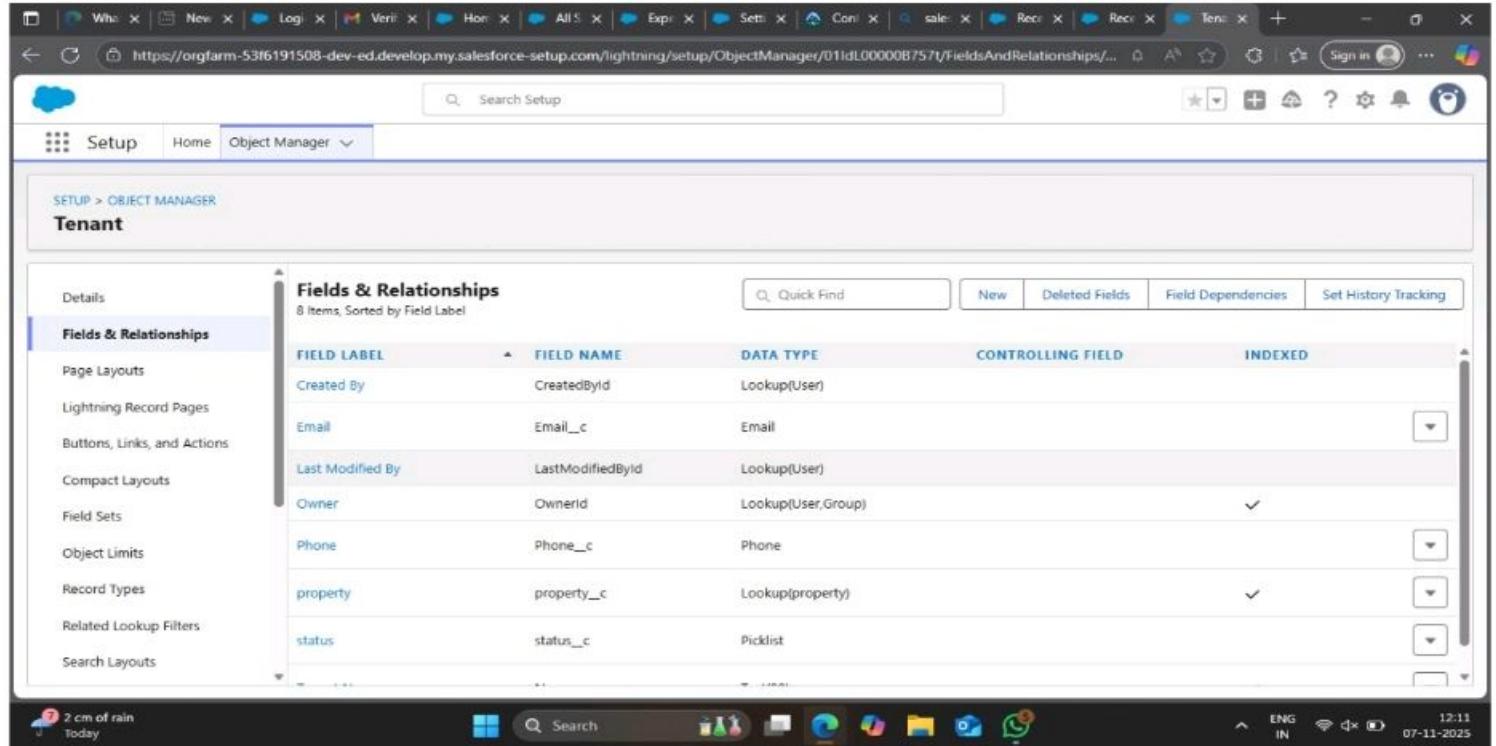


The screenshot shows a web browser window for the 'Lease Management App'. The main content is a 'New lease' form. The 'Information' section contains fields for 'lease Name' (with a placeholder 'I'), 'start date', 'End date', and 'property' (with a search bar 'Search property...'). To the right of the form, there is a note '*= Required information' and a section for 'Owner' with a profile picture of 'Vishnu D K'. At the bottom of the form are buttons for 'Cancel', 'Save & New', and 'Save'.



The screenshot shows a 'New property' form within the same web browser window. The 'Information' section includes fields for 'property Name' (placeholder 'I'), 'Name', and 'Address'. Below these, a 'Type' section shows a table with two rows: 'Available' (1BHK) and 'Chosen' (1BHK). At the bottom are 'Cancel', 'Save & New', and 'Save' buttons.

Fields & Relationship for an object

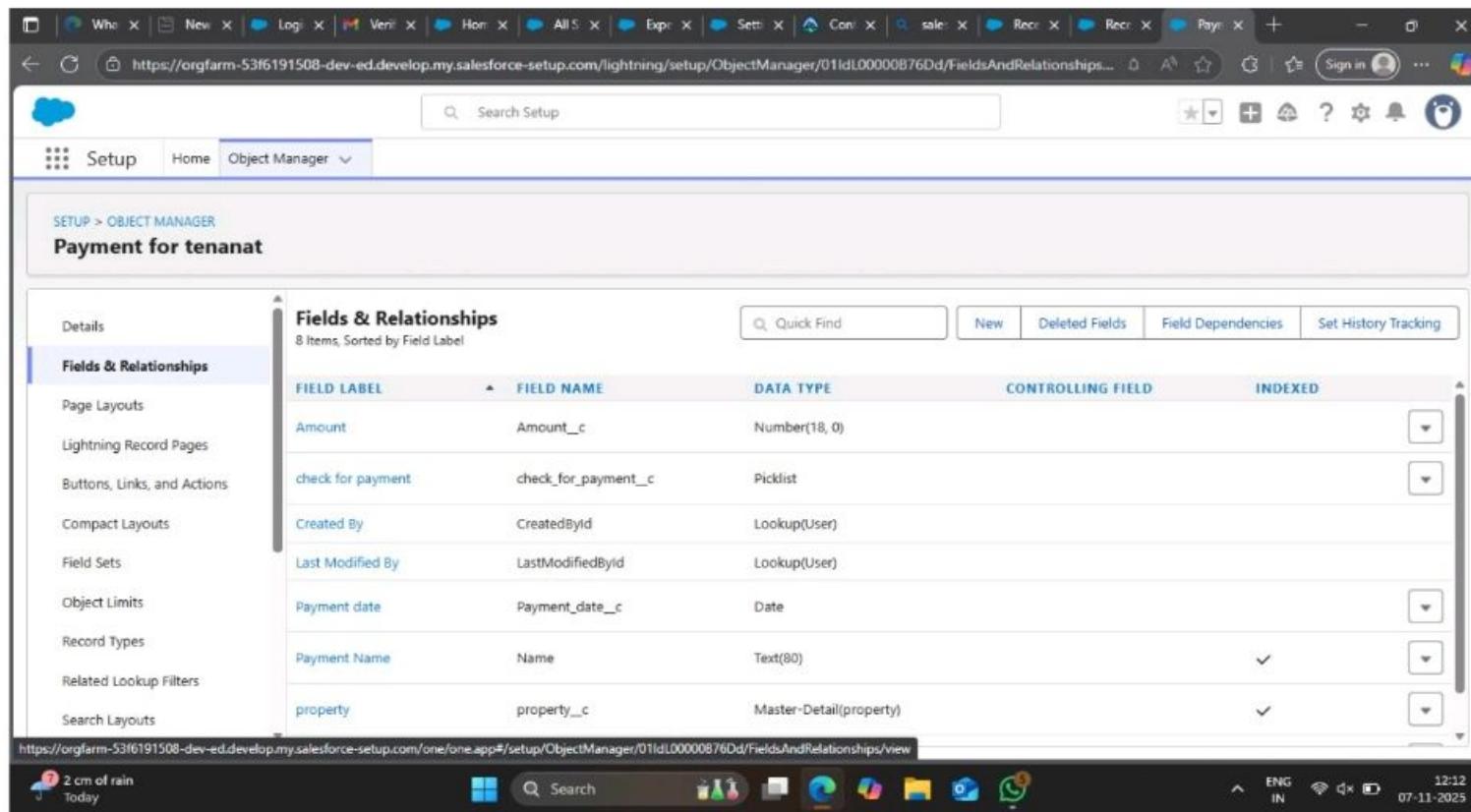


The screenshot shows the Salesforce Setup interface with the following details:

- Page Header:** https://orgfarm-53f6191508-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01IdL00000B757t/FieldsAndRelationships...
- Page Title:** Search Setup
- Page Navigation:** Setup, Home, Object Manager
- Section:** SETUP > OBJECT MANAGER
- Object:** Tenant
- Table:** 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 | | |

System Status: 2 cm of rain Today

System Information: ENG IN 12:11 07-11-2025



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

- Page Header:** https://orgfarm-53f6191508-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01IdL00000B76Dd/FieldsAndRelationships...
- Page Title:** Search Setup
- Page Navigation:** Setup, Home, Object Manager
- Section:** SETUP > OBJECT MANAGER
- Object:** Payment for tenant
- Table:** Fields & Relationships (8 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) | | |
| Payment date | Payment_date__c | Date | | |
| Payment Name | Name | Text(80) | | ✓ |
| property | property__c | Master-Detail(property) | | ✓ |

System Status: 2 cm of rain Today

System Information: ENG IN 12:12 07-11-2025

https://orgfarm-53f6191508-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01IdL00000B7np/FieldsAndRelationships... Sign in

lease

Details		Fields & Relationships				
		7 Items, Sorted by Field Label				
		FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts		Created By	CreatedById	Lookup(User)		
Lightning Record Pages		End date	End_date_c	Date		
Buttons, Links, and Actions		Last Modified By	LastModifiedById	Lookup(User)		
Compact Layouts		lease Name	Name	Text(80)		
Field Sets		Owner	OwnerId	Lookup(User,Group)		
Object Limits		property	property_c	Lookup(property)		
Record Types		start date	start_date_c	Date		
Related Lookup Filters						
Search Layouts						

NIFTY -0.26% 12:12 07-11-2025

https://orgfarm-53f6191508-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01IdL00000B74l/FieldsAndRelationships... Sign in

property

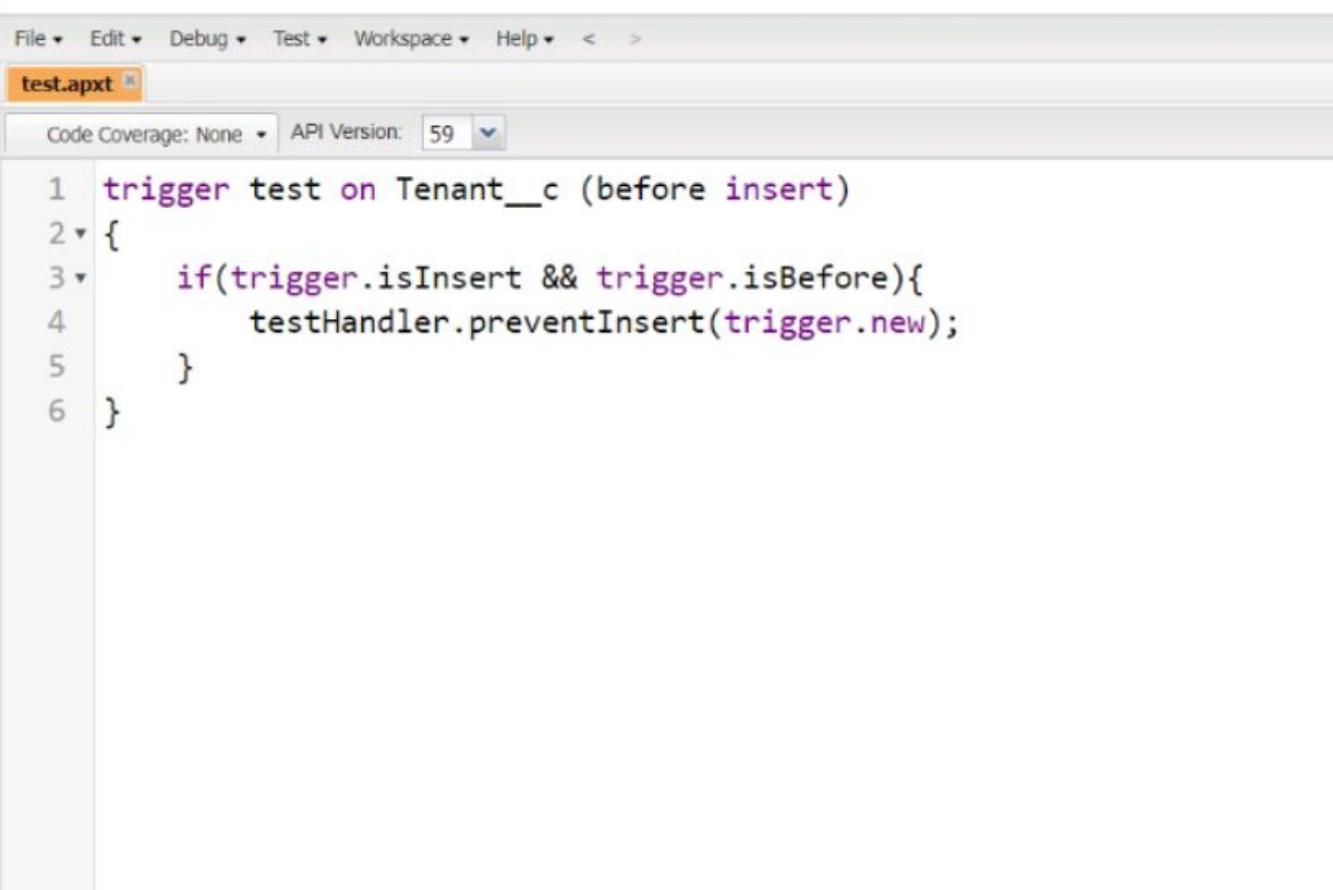
Details		Fields & Relationships				
		8 Items, Sorted by Field Label				
		FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts		Address	Address_c	Long Text Area(32768)		
Lightning Record Pages		Created By	CreatedById	Lookup(User)		
Buttons, Links, and Actions		Last Modified By	LastModifiedById	Lookup(User)		
Compact Layouts		Name	Name_c	Text(25)		
Field Sets		Owner	OwnerId	Lookup(User,Group)		
Object Limits		property Name	Name	Text(80)		
Record Types		sfqt	sfqt_c	Text(18)		
Related Lookup Filters						
Search Layouts						

NIFTY -0.26% 12:12 07-11-2025



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

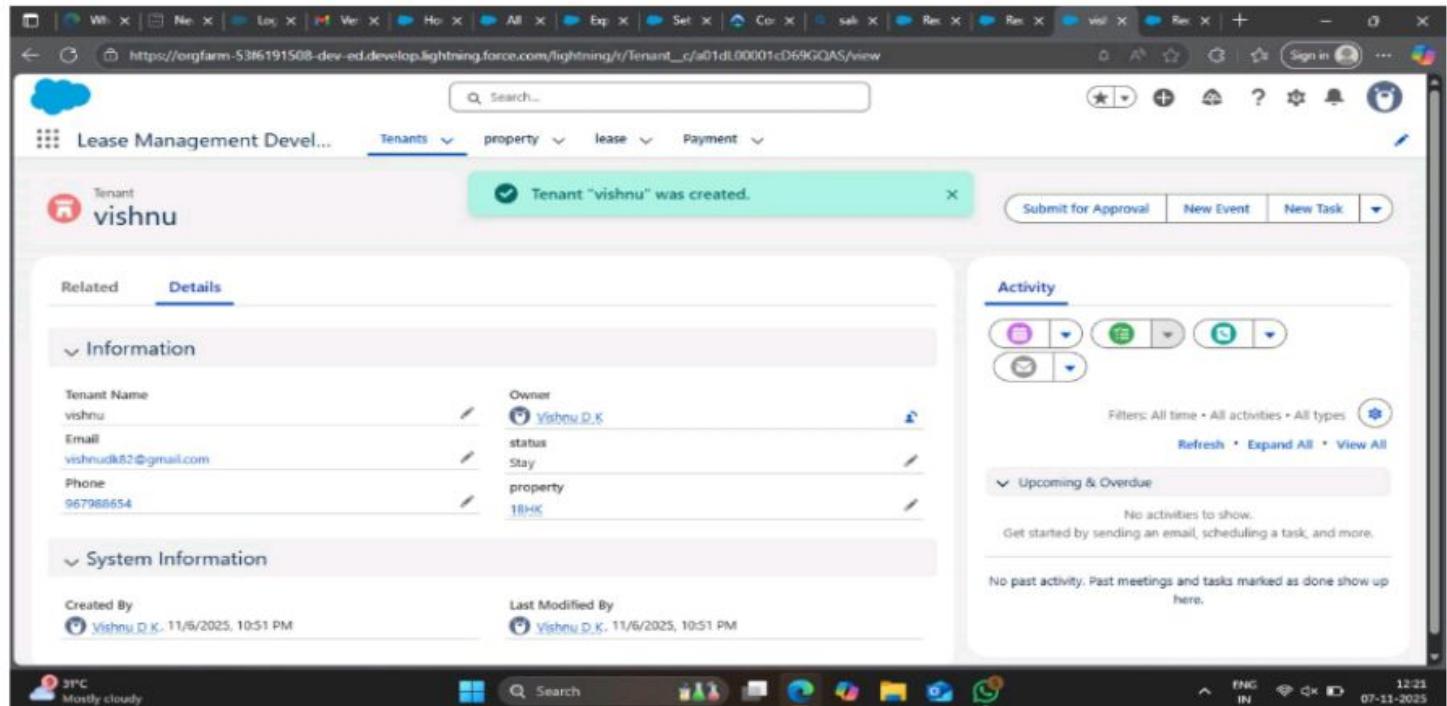
Fig 1.1: Apex class – Test Handler



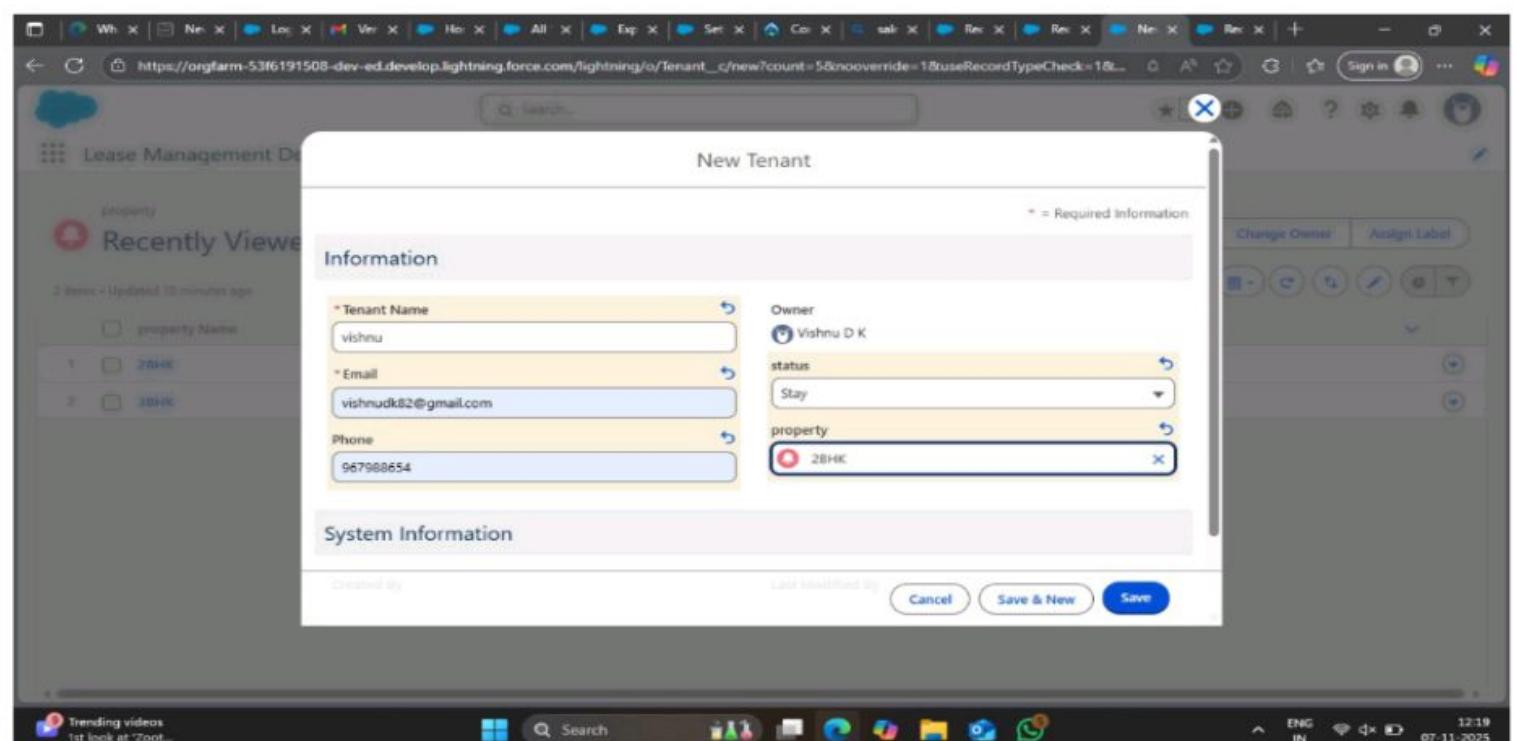
```
1 trigger test on Tenant__c (before insert)
2 {
3     if(trigger.isInsert && trigger.isBefore){
4         testHandler.preventInsert(trigger.new);
5     }
6 }
```

Fig 1.2: Apex Trigger – Test

Record Creation(show working flow)



The screenshot shows a browser window for the 'Lease Management Dev...' application. The URL is https://orgfarm-53f6191508-dev-ed.develop.lightning.force.com/lightning/o/Tenant__c/a01d00001cD69GQAS/view. A green success message at the top right says 'Tenant "vishnu" was created.' The main view shows a 'vishnu' tenant record with fields: Tenant Name (vishnu), Email (vishnudk82@gmail.com), Phone (967988654), Owner (Vishnu D K), status (Stay), and property (1BHK). Below this is a 'System Information' section with 'Created By' (Vishnu D K, 11/6/2025, 10:51 PM) and 'Last Modified By' (Vishnu D K, 11/6/2025, 10:51 PM). To the right is an 'Activity' sidebar with buttons for different types of activities and a message stating 'No activities to show.' The system status bar at the bottom shows '31°C Mostly cloudy' and the date '07-11-2025'.



The screenshot shows a 'New Tenant' dialog box over a 'Lease Management Dev...' application window. The dialog title is 'New Tenant'. It contains an 'Information' section with fields: Tenant Name (vishnu), Email (vishnudk82@gmail.com), Phone (967988654), Owner (Vishnu D K), status (Stay), and property (2BHK). Below this is a 'System Information' section with 'Created By' and 'Last Modified By' fields. At the bottom are 'Cancel', 'Save & New', and 'Save' buttons. The background application shows a 'Recently Viewed' list with items like 'property Name', '2BHK', and '3BHK'. The system status bar at the bottom shows 'trending videos' and the date '07-11-2025'.

Lease Management D...

New lease

* = Required Information

Recently Viewed

Information

* Lease Name: house

Owner: Vishnu D K

start date: 11/6/2025

End date: 11/10/2026

property: 1BHK

Change Owner Assign Label

Cancel Save & New Save

Nothing to see here

3PC Mostly cloudy

Search

ENG IN 12:23 07-11-2025

Lease Management D...

Recently Viewed

Property

1BHK

Vishnu

Address

Type

Available: 2BHK, 3BHK

Chosen: 1BHK

sfqt

Cancel Save

3PC Mostly cloudy

Search

ENG IN 12:21 07-11-2025

Wh X Ne X Loc X Ver X Ho X All X Exp X Set X Cor X sal X Rec X Rec X Rec X Rec X

https://orgfarm-53f6191508-dev-ed.lightning.force.com/lightning/o/property_c/list?filterName=_Recent

Lease Management Dev... Tenants property lease Payment

Recently Viewed

3 items • Updated a few seconds ago

property Name
1 1BHK
2 2BHK
3 3BHK

31°C Mostly cloudy

Search

ENG IN 07-11-2025

Wh X Ne X Loc X Ver X Ho X All X Exp X Set X Cor X sal X Rec X Rec X Rec X Rec X

https://orgfarm-53f6191508-dev-ed.lightning.force.com/lightning/r/property_c/a00d000020k8AGOAZ/view

Lease Management Dev... Tenants property lease Payment

1BHK

New Contact Edit New Opportunity

Related Details

property Name	1BHK	Owner	Vishnu D K
Name	Vishnu		
Address			
Type	1BHK		
sqft	1455		
Created By	Vishnu D K	Last Modified By	Vishnu D K
11/6/2025, 10:51 PM		11/6/2025, 10:51 PM	

Activity

Filters: All time • All activities • All types

Refresh • Expand All • View All

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.

31°C Mostly cloudy

Search

ENG IN 07-11-2025

Lease Management Dev

Recently Viewed

0 items - Updated a few moments ago

Information

* Payment Name: Bank

Payment date: 11/6/2025

Amount: 100,000

check for payment: Paid

* property: 1BHK

Tenant: vishnu

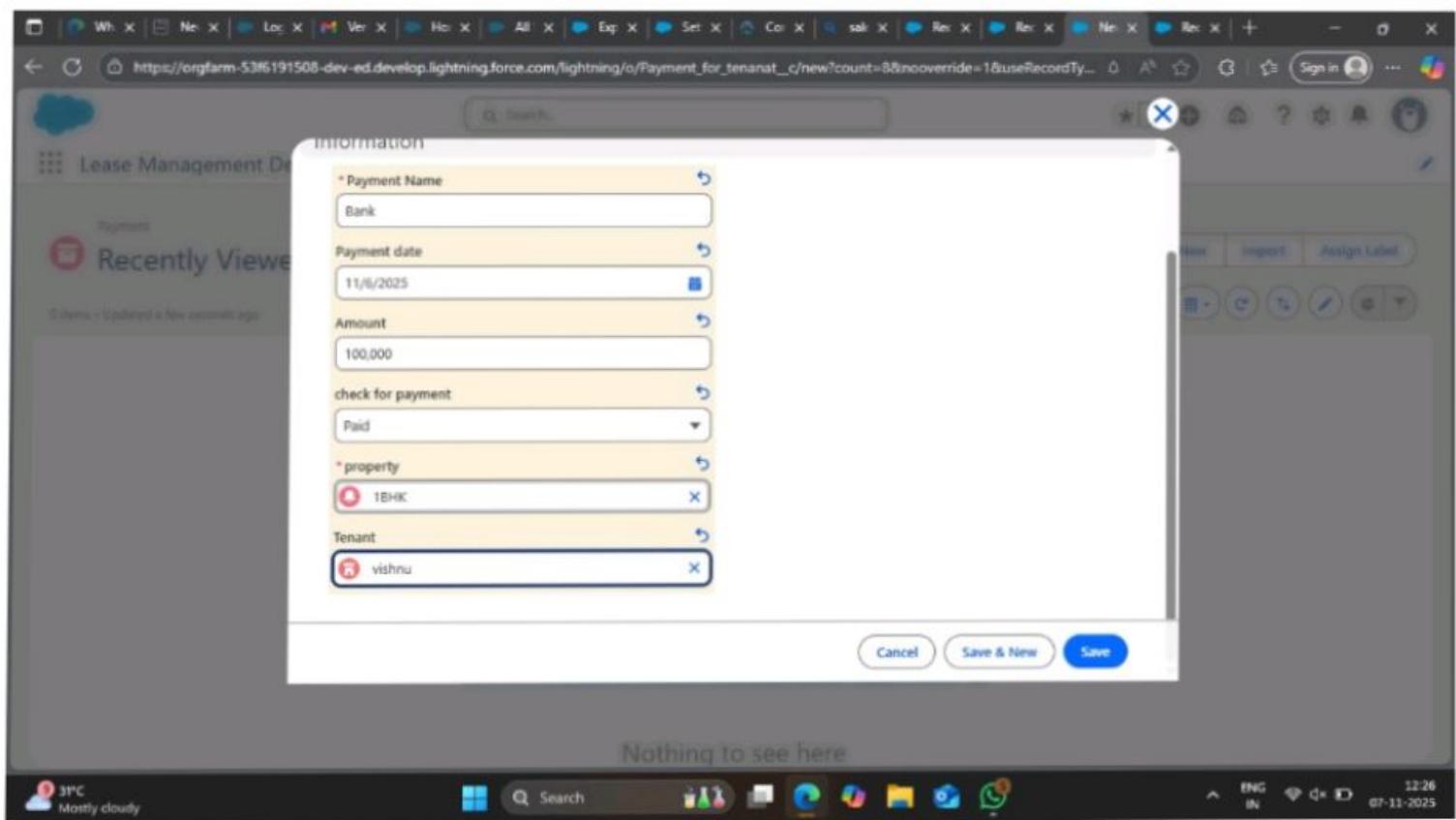
Cancel Save & New Save

Nothing to see here.

31°C Mostly cloudy

Search

12:26 07-11-2025



Lease Management Dev...

Tenants property lease Payment

Payment for tenant "Bank" was created.

New Contact Edit New Opportunity

Related Details

Payment Name: Bank

Payment date: 11/6/2025

Amount: 100,000

check for payment: Paid

property: 1BHK

Tenant: vishnu

Created By: Vishnu D.K. 11/6/2025, 10:56 PM

Last Modified By: Vishnu D.K. 11/6/2025, 10:56 PM

Activity

Filters: All time • All activities • All types

Refresh • Expand All • View All

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.

31°C Mostly cloudy

Search

12:26 07-11-2025

