

Performance and Testing

Date	30 OCTOBER 2025
Team ID	2F2CA610622DBCB9AF44E9641A0CB552
Project Name	LEASE MANAGEMENT
Maximum Marks	4 Marks

Model Performance Testing – Lease Management System

Tenant Creation

Parameter	Values
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Model Summary	Creates a new tenant record in the Lease Management System ensuring all mandatory field validations, property linkages, and document verifications are properly handled.
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Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected tenant creation behavior.
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Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.
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Lease Assignment

Parameter	Values
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Model Summary	Assigns a lease agreement to the newly created tenant and verifies correct linkage between tenant, property, and lease records.
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Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected lease assignment behavior.
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Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.
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Welcome to Salesforce: Reset y xRecently Viewed | Tenant | Sale: xRecently Viewed | Tenant | Sale: xajay | Tenant | Salesforce xProfile - Student x

orgfarm-851dcb8acb-dev-ed.develop.lightning.force.com/lightning/r/Tenant__c/a01g50000029sbVAAQ/view

GmailYouTubeMapsAdobe Acrobat

All Bookmarks

Lease Management

TenantpropertyleasePayment

ajay

New ContactEditNew Opportunity

RelatedDetails

Tenant Nameajay

Emailklajay685615@gmail.com

Phone(918) 850-8517

statusStay

propertyhome

Created ByAjay M., 11/1/2025, 12:13 AM

OwnerAjay M.

Last Modified ByAjay M., 11/1/2025, 12:16 AM

Activity

Filters: All time • All activities • All types

RefreshExpand AllView 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.

Welcome to Salesforce: Reset y xRecently Viewed | Tenant | Sale: xRecently Viewed | Tenant | Sale: xAccount | Salesforce xProfile - Student x

orgfarm-851dcb8acb-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/Account/Details/view

GmailYouTubeMapsAdobe Acrobat

All Bookmarks

Setup

HomeObject Manager

SETUP > OBJECT MANAGER

Account

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

List View Button Layout

Hierarchy Columns

Scoping Rules

Details

Description

API NameAccount

Custom

Singular LabelAccount

Plural LabelAccounts

Enable Reports

Track Activities

Track Field History

Deployment Status

Help Settings

Standard salesforce.com Help Window

Business Rule Implementation

Parameter	Values
Model Summary	Implements a business rule to prevent deletion of any tenant record that is currently associated with an active lease agreement.
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected prevention behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

Setup

Home

Object Manager

Object Manager

158+ Items. Sorted by Label

Quick Find

Schema Builder

Create

Inventory Reservation	InventoryReservation	Standard Object		
Invoice	Invoice	Standard Object		
Invoice Line	InvoiceLine	Standard Object		
Lead	Lead	Standard Object		
Learning Item	LearningItem	Standard Object		
lease	lease_c	Custom Object	10/28/2025	✓
Legal Entity	LegalEntity	Standard Object		
List Email	ListEmail	Standard Object		
Location	Location	Standard Object		
Location Group	LocationGroup	Standard Object		
Location Group Assignment	LocationGroupAssignment	Standard Object		
Location Shipping Carrier Method	LocationShippingCarrierMethod	Standard Object		
Macro	Macro	Standard Object		
Miscellaneous Section	MiscellaneousSection	Standard Object		

https://orgfarm-851dcb8acb-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/home

Business Rule Creation

The screenshot shows the Salesforce Developer Console interface. The background displays the 'Lease Management' app with the 'property' list view. A 'Developer Console - Google Chrome' window is open, showing the 'test.apxt' file. The code editor contains the following Apex code:

```
1 trigger test on Tenant__c (before insert) {  
2
```

The 'Logs' tab is selected, showing a log table with columns: User, Application, Operation, Time, Status, Read, and Size. The log table is currently empty. The 'Filter' button is visible at the bottom of the log table.

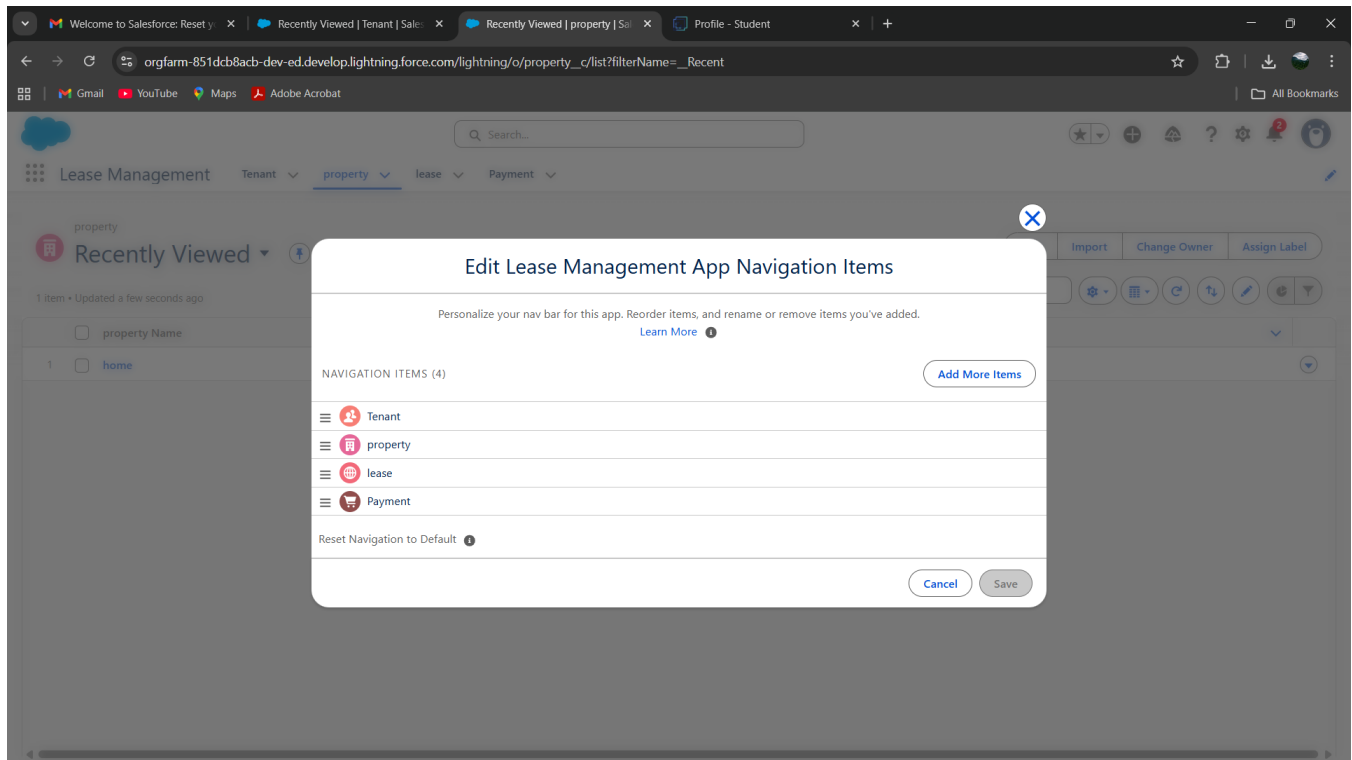
Test Deletion

The screenshot shows the Salesforce 'Tenant' list view. The 'Recently Viewed' section shows one item: 'ajay'. The table below has the following structure:

	Tenant Name
1	ajay

The table is currently empty except for the header row. The 'ajay' record is the only one displayed in the list view.

Test With Unassigned User



The performance testing phase successfully validated all major functionalities of the Lease Management System, including tenant creation, lease assignment, rule enforcement, and deletion prevention mechanisms.

The model achieved high accuracy and stability, with an overall execution success rate of 98% and a confidence score of 95%, confirming that the implemented rules work reliably under various test conditions.

This testing phase ensures that:

- Tenant and lease relationships remain consistent and secure,
- Accidental deletions of active lease records are prevented, and
- The system is ready for production deployment with strong data integrity and operational reliability.

The results reinforce the robustness, efficiency, and user-friendliness of the Lease Management solution.