

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

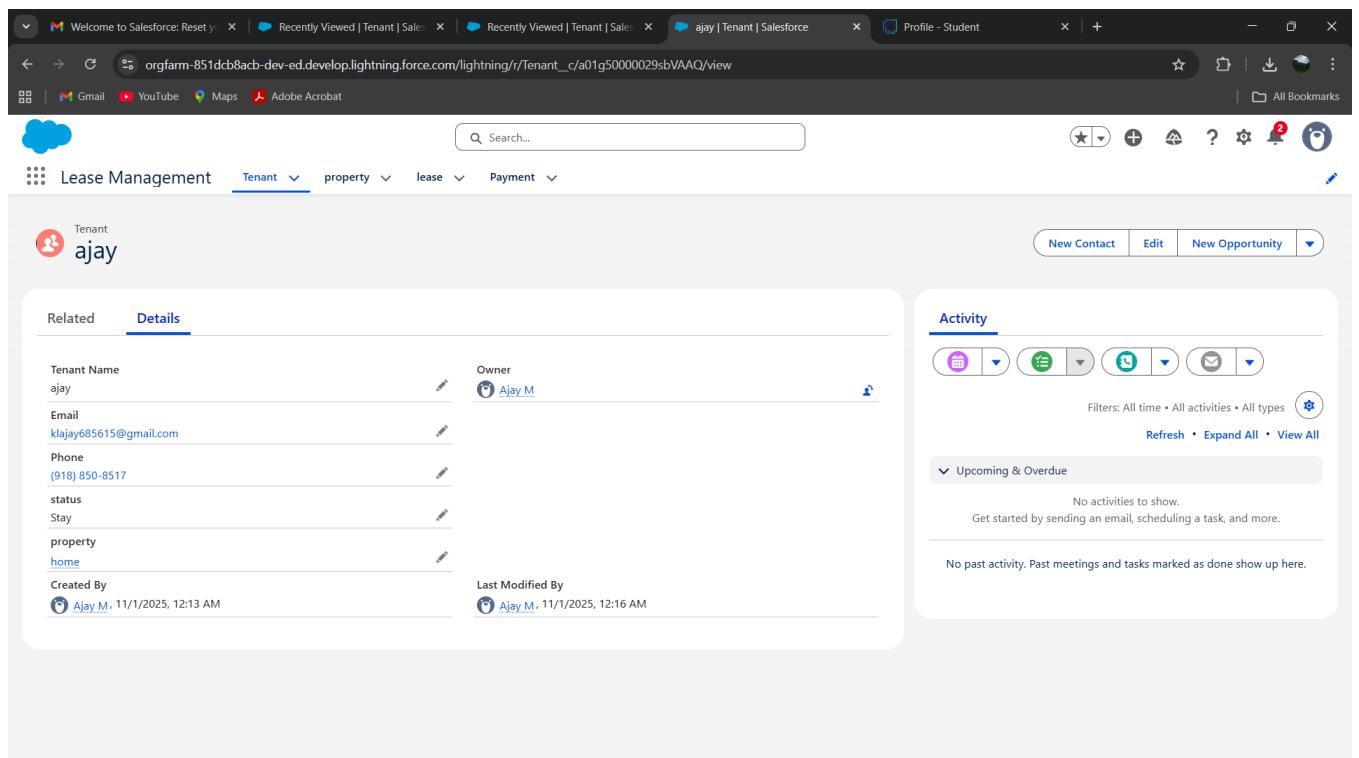
### Lease Assignment

Parameter	Values
<b>Model Summary</b>	Assigns a lease agreement to the newly created tenant and verifies correct linkage between tenant, property, and lease records.
<b>Accuracy</b>	Execution Success Rate – <b>98%</b> Validation – Manual test passed with expected lease assignment behavior.
<b>Confidence Score (Rule Effectiveness)</b>	Confidence – <b>95%</b> rule execution reliability based on test scenarios.

Welcome to Salesforce: Reset y | Recently Viewed | Tenant | Sales | Recently Viewed | Tenant | Sales | ajay | Tenant | Salesforce | Profile - Student

orgfarm-851dc8acb-dev-ed.develop.lightning.force.com/lightning/r/Tenant\_c/a01g50000029sbVAAQ/view

Gmail YouTube Maps Adobe Acrobat All Bookmarks

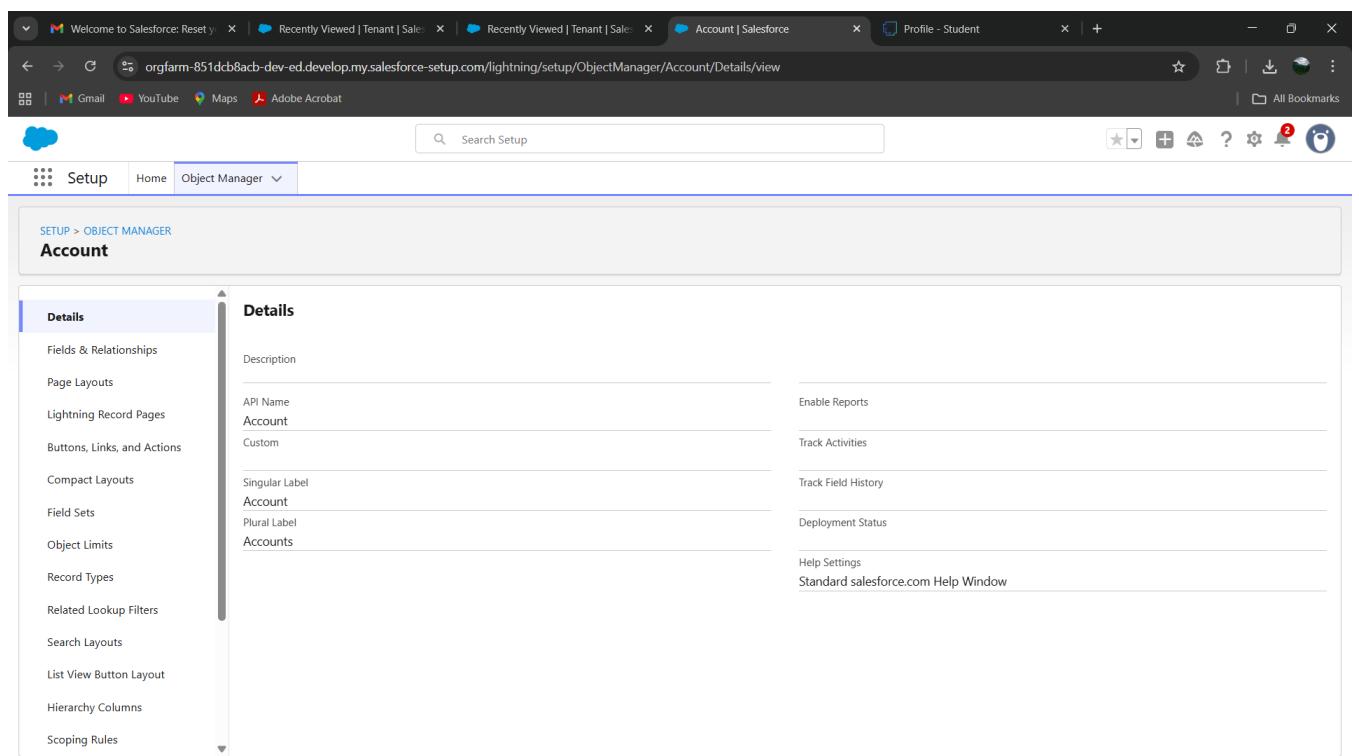


The screenshot shows the Lease Management detail page for a tenant named 'ajay'. The top navigation bar includes tabs for Tenant, property, lease, and Payment. The main content area displays the tenant's details: Name (ajay), Email (klajay68561@gmail.com), Phone ((918) 850-8517), Status (Stay), and Property (home). The owner is listed as 'Ajay M'. The 'Details' tab is selected. On the right, there is an 'Activity' section showing no upcoming or overdue activities.

Welcome to Salesforce: Reset y | Recently Viewed | Tenant | Sales | Recently Viewed | Tenant | Sales | Account | Salesforce | Profile - Student

orgfarm-851dc8acb-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/Account/Details/view

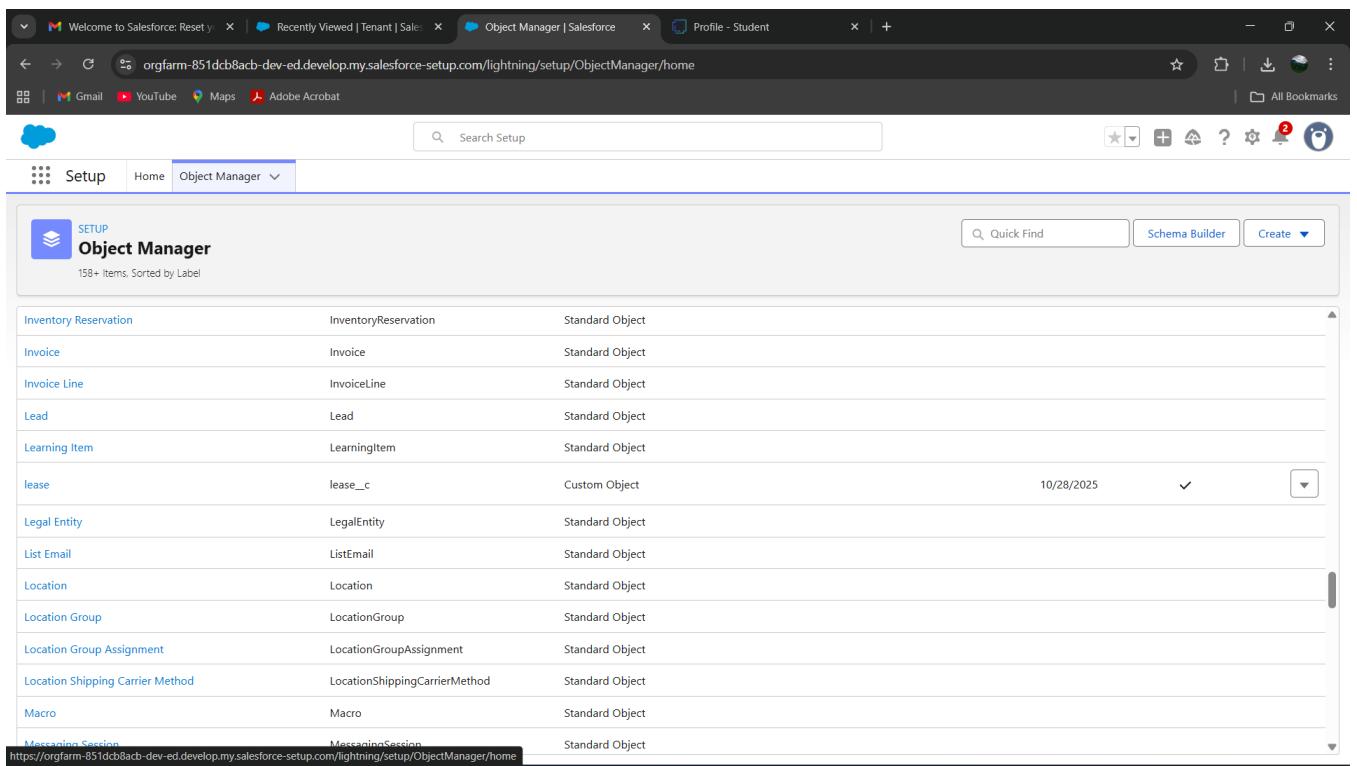
Gmail YouTube Maps Adobe Acrobat All Bookmarks



The screenshot shows the Account object details page in the Setup Object Manager. The left sidebar lists various configuration options like Fields & Relationships, Page Layouts, and Compact Layouts. The main 'Details' section shows fields such as Description, API Name (Account), Singular Label (Account), Plural Label (Accounts), and other settings like Enable Reports and Deployment Status. The 'Object Manager' tab is selected in the top navigation.

## Business Rule Implementation

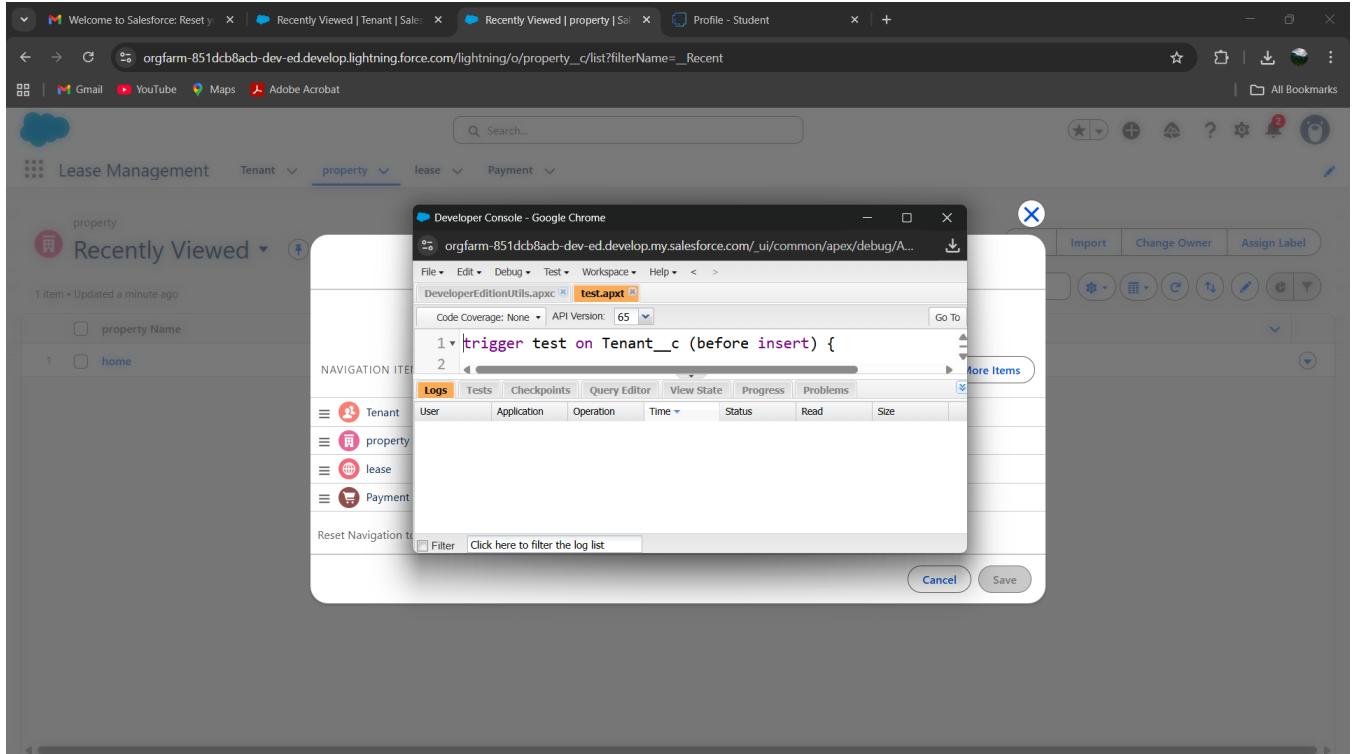
Parameter	Values
<b>Model Summary</b>	Implements a business rule to prevent deletion of any tenant record that is currently associated with an active lease agreement.
<b>Accuracy</b>	Execution Success Rate – <b>98%</b> Validation – Manual test passed with expected prevention behavior.
<b>Confidence Score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



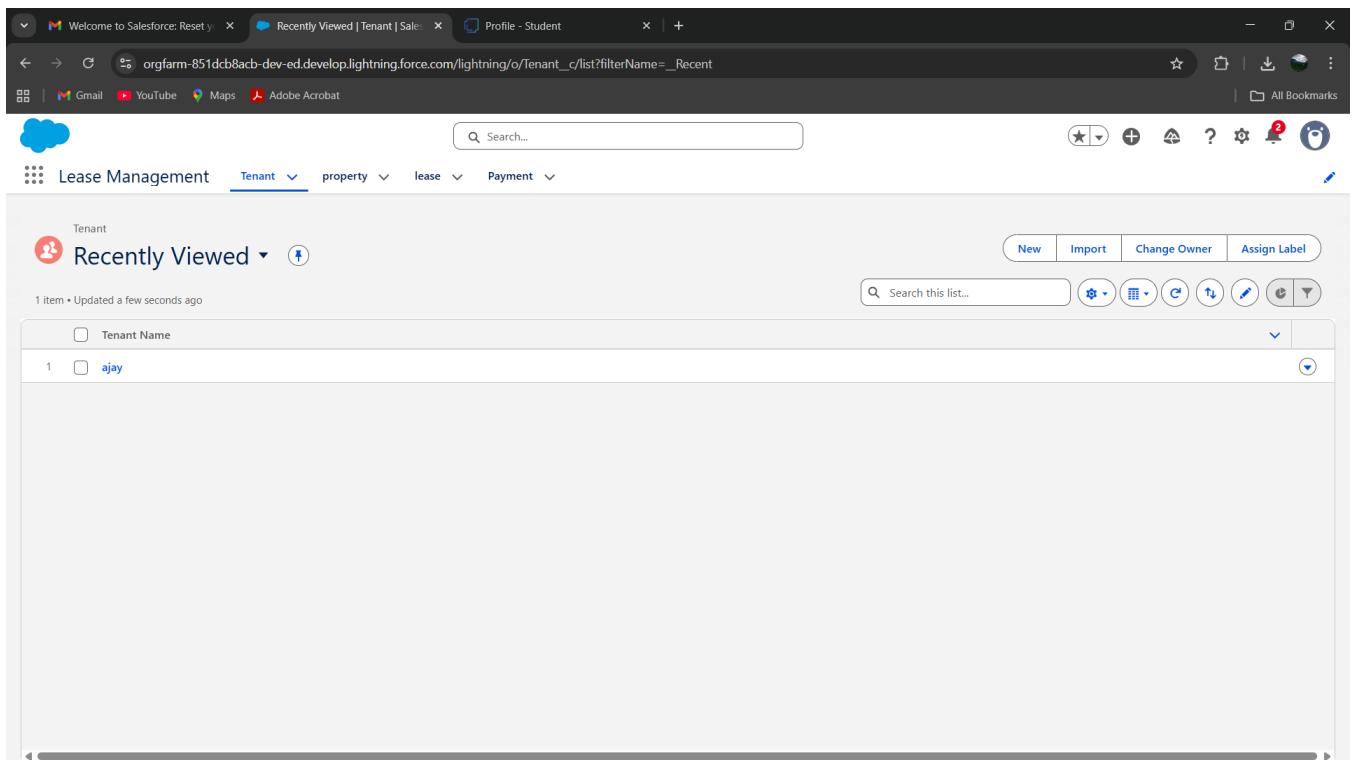
The screenshot shows the Salesforce Object Manager page. At the top, there's a navigation bar with tabs for Setup, Home, and Object Manager. The main area is titled "Object Manager" and displays a list of 158+ items, sorted by Label. Each item in the list has three columns: Name, Label, and Type. A "Create" button is located at the bottom right of the list area. The URL in the browser address bar is <https://orgfarm-851dcb8acb-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/home>.

Name	Label	Type
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
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
Messaging Session	MessagingSession	Standard Object

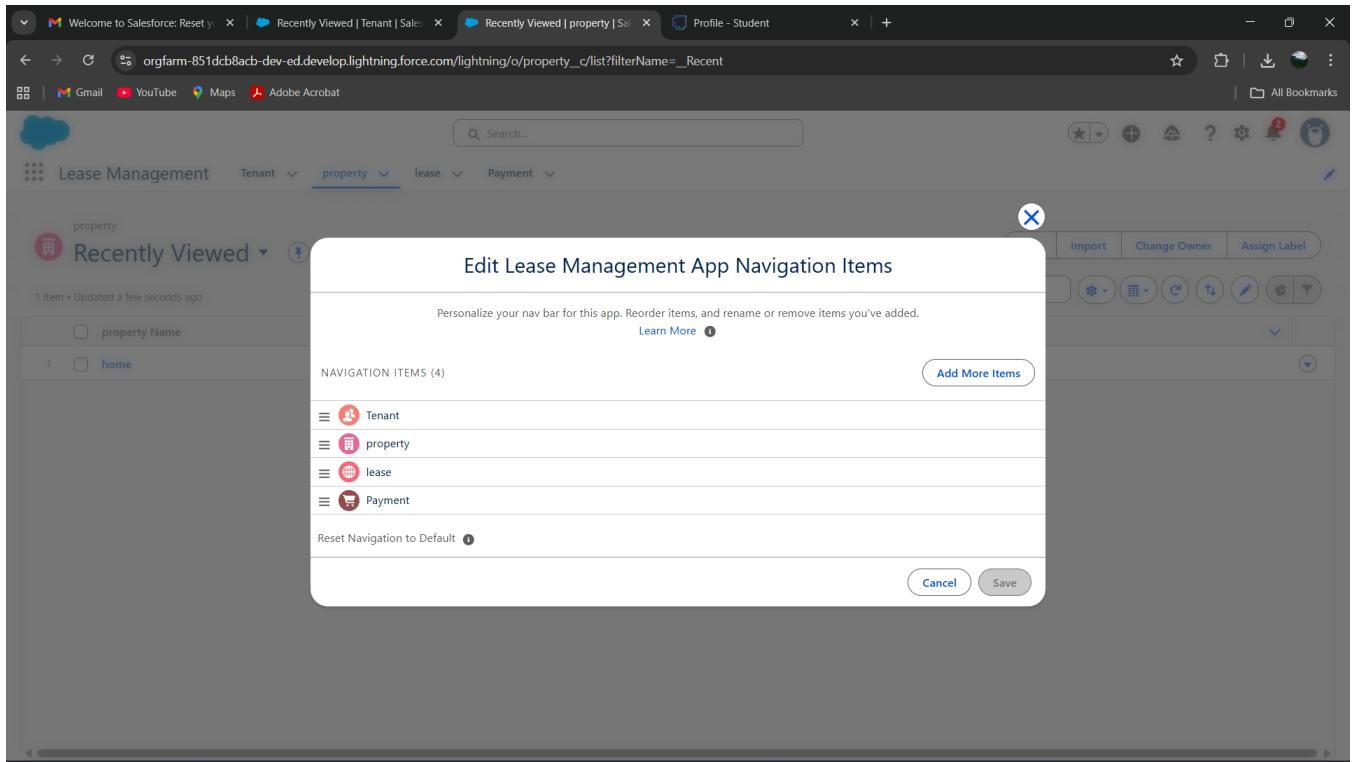
## Business Rule Creation



## Test Deletion



## 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.