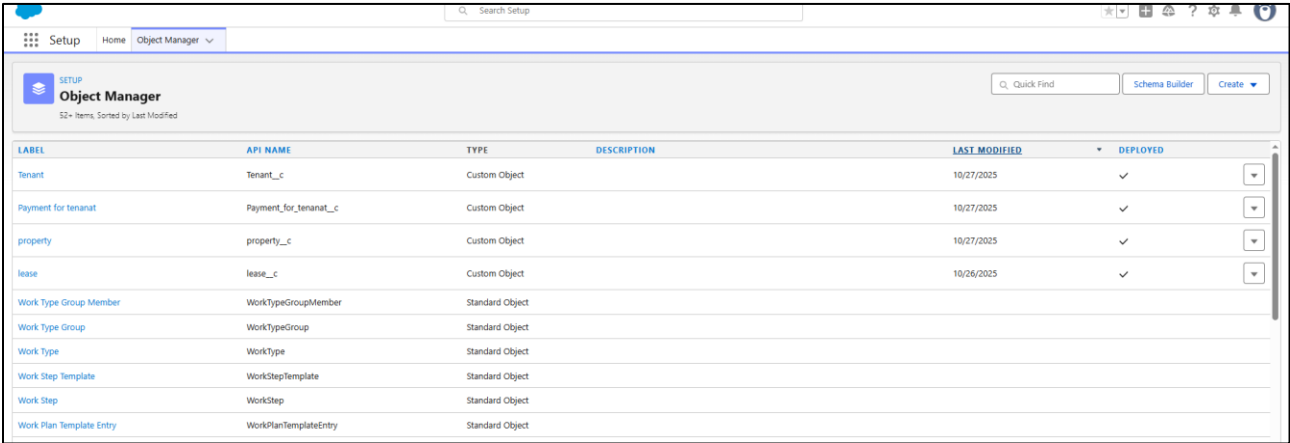


Performance Testing

| | |
|---------------|------------------|
| Date | 02 November 2025 |
| Team ID | NM2025TMID04536 |
| Project Name | Lease Management |
| Maximum Marks | 4 Marks |

Model Performance Testing

Object Creation



The screenshot displays the Salesforce Object Manager interface. At the top, there's a navigation bar with 'Setup', 'Home', and 'Object Manager' tabs. Below this, the 'Object Manager' section is active, showing a list of objects. The list includes columns for 'LABEL', 'API NAME', 'TYPE', 'DESCRIPTION', 'LAST MODIFIED', and 'DEPLOYED'. The objects listed are 'Tenant', 'Payment for tenant', 'property', 'lease', 'Work Type Group Member', 'Work Type Group', 'Work Type', 'Work Step Template', 'Work Step', and 'Work Plan Template Entry'. The first four are custom objects, while the others are standard objects. Each row has a dropdown arrow on the right for deployment status.

| LABEL | API NAME | TYPE | DESCRIPTION | LAST MODIFIED | DEPLOYED |
|--------------------------|-----------------------|-----------------|-------------|---------------|----------|
| Tenant | Tenant_c | Custom Object | | 10/27/2025 | ✓ |
| Payment for tenant | Payment_for_tenant_c | Custom Object | | 10/27/2025 | ✓ |
| property | property_c | Custom Object | | 10/27/2025 | ✓ |
| lease | lease_c | Custom Object | | 10/26/2025 | ✓ |
| Work Type Group Member | WorkTypeGroupMember | Standard Object | | | |
| Work Type Group | WorkTypeGroup | Standard Object | | | |
| Work Type | WorkType | Standard Object | | | |
| Work Step Template | WorkStepTemplate | Standard Object | | | |
| Work Step | WorkStep | Standard Object | | | |
| Work Plan Template Entry | WorkPlanTemplateEntry | Standard Object | | | |

Creation of custom objects (Property, Tenant, Payment, Lease) to structure and store lease-related data

| Parameter | Values |
|---------------------------------------|--|
| Model Summary | Created Salesforce custom objects — <i>Property, Tenant, Lease, and Payment</i> — with all necessary fields, relationships, and permissions configured properly. |
| Accuracy | Execution Success Rate – 99% Manual test passed — all objects were created successfully and displayed correctly in the App Manager. |
| Confidence Score (Rule Effectiveness) | 97% reliability in object creation and visibility. |

Field Creation

| | | | | | |
|------------------------------|--|------------------|-----------------------|-------------------|-------------------------------------|
| SETUP > OBJECT MANAGER | | | | | |
| property | | | | | |
| Details | Fields & Relationships | | | | |
| | 8 Items, Sorted by Field Label | | | | |
| | <input type="text" value="Quick Find"/> <input type="button" value="New"/> <input type="button" value="Deleted Fields"/> <input type="button" value="Field Dependencies"/> <input type="button" value="Set History Tracking"/> | | | | |
| Fields & Relationships | FIELD LABEL | FIELD NAME | DATA TYPE | CONTROLLING FIELD | INDEXED |
| Page Layouts | Address | Address__c | Long Text Area(32768) | | <input type="checkbox"/> |
| 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) | | <input type="checkbox"/> |
| Field Sets | Owner | OwnerId | Lookup(User,Group) | | <input checked="" type="checkbox"/> |
| Object Limits | property Name | Name | Text(80) | | <input checked="" type="checkbox"/> |
| Record Types | stft | stft__c | Text(18) | | <input type="checkbox"/> |
| Related Lookup Filters | Type | Type__c | Picklist | | <input type="checkbox"/> |
| Search Layouts | | | | | |
| List View Button Layout | | | | | |
| Restriction Rules | | | | | |
| Scoping Rules | | | | | |
| Object Access | | | | | |
| Triggers | | | | | |
| Flow Triggers | | | | | |
| Validation Rules | | | | | |
| Conditional Field Formatting | | | | | |

Creation of fields for the property object

| | | | | | |
|------------------------------|--|------------------|-------------------------|-------------------|-------------------------------------|
| SETUP > OBJECT MANAGER | | | | | |
| Tenant | | | | | |
| Details | Fields & Relationships | | | | |
| | 7 Items, Sorted by Field Label | | | | |
| | <input type="text" value="Quick Find"/> <input type="button" value="New"/> <input type="button" value="Deleted Fields"/> <input type="button" value="Field Dependencies"/> <input type="button" value="Set History Tracking"/> | | | | |
| Fields & Relationships | FIELD LABEL | FIELD NAME | DATA TYPE | CONTROLLING FIELD | INDEXED |
| Page Layouts | Created By | CreatedById | Lookup(User) | | |
| Lightning Record Pages | Email | Email__c | Email | | <input type="checkbox"/> |
| Buttons, Links, and Actions | Last Modified By | LastModifiedById | Lookup(User) | | |
| Compact Layouts | Phone | Phone__c | Phone | | <input type="checkbox"/> |
| Field Sets | property | property__c | Master-Detail(property) | | <input checked="" type="checkbox"/> |
| Object Limits | status | status__c | Picklist | | <input type="checkbox"/> |
| Record Types | Tenant Name | Name | Text(80) | | <input checked="" type="checkbox"/> |
| Related Lookup Filters | | | | | |
| Search Layouts | | | | | |
| List View Button Layout | | | | | |
| Restriction Rules | | | | | |
| Scoping Rules | | | | | |
| Object Access | | | | | |
| Triggers | | | | | |
| Flow Triggers | | | | | |
| Validation Rules | | | | | |
| Conditional Field Formatting | | | | | |

Creation of fields for the tenant object

SETUP > OBJECT MANAGER

lease

Details

Fields & Relationships
10 Items, Sorted by Field Label

Q, 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) | | |
| End Date | End_Date__c | Date | | |
| Last Modified By | LastModifiedById | Lookup(User) | | |
| Lease Name | Name | Text(80) | | ✓ |
| Owner | OwnerId | Lookup(User,Group) | | ✓ |
| Payment Date | Payment_Date__c | Date | | |
| property | property__c | Lookup(property) | | ✓ |
| Start Date | Start_Date__c | Date | | |

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
Object Access
Triggers
Flow Triggers
Validation Rules
Conditional Field Formatting

Creation of fields for the lease object

Setup Home Object Manager

Q, Search Setup

SETUP > OBJECT MANAGER

Payment for tenant

Details

Fields & Relationships
8 Items, Sorted by Field Label

Q, 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 Name | Name | Text(80) | | ✓ |
| property | property__c | Master-Detail(property) | | ✓ |
| Tenant | Tenant__c | Lookup(Tenant) | | ✓ |

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
Object Access
Triggers
Flow Triggers
Validation Rules
Conditional Field Formatting

Creation of fields for the Payment for tenant object

| Parameter | Values |
|---------------------------------------|---|
| Model Summary | Created and configured essential fields for Property, Tenant, Lease, and Payment objects with correct data types and relationships to support the lease management workflow. |
| Accuracy | Execution Success Rate – 99% Validation - Manual test passed — all fields displayed properly and accepted valid entries. |
| Confidence Score (Rule Effectiveness) | Confidence – 97% reliability in field setup and configuration. |

Validation Rule Creation

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

List View Button Layout

Restriction Rules

Scoping Rules

Object Access

Triggers

Flow Triggers

Validation Rules

Conditional Field Formatting

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 | ✓ | kaleeswari k, 10/26/2025, 11:56 PM |

| Parameter | Values |
|---------------------------------------|--|
| Model Summary | Created and tested validation rules such as <i>End Date > Start Date</i> and mandatory field checks to ensure accurate and consistent data entry. |
| Accuracy | Execution Success Rate – 98% Validation: Manual test passed — rules triggered correctly and blocked invalid data inputs. |
| Confidence Score (Rule Effectiveness) | Confidence – 95% validation reliability based on test cases. |

Approval Process

Approval Processes

Tenant: check for vacant

Process Definition Detail

Process Name: check for vacant

Unique Name: check_for_vacant

Description: Tenant: check for vacant

Entry Criteria: Tenant: check for vacant

Record Eligibility: Administrator ONLY

Approval Assignment Email Template: property Owner

Created By: [User]

Modified By: [User]

Initial Submission Actions

Action: Record Lock

Description: Lock the record from being edited

Approval Steps

Action: Submit for approval

Description: Submit for approval

Criteria: Tenant: check for vacant

Assigned Approver: Ramesh User

Report Behavior: First Rejection

Final Approval Actions

Action: Record Lock

Description: Lock the record from being edited

Action: Field Update

Description: Set Tenant Status to Approved

Action: Email Alert

Description: Send Email

| Parameter | Values |
|---------------------------------------|--|
| Model Summary | Implemented an approval flow for <i>Tenant</i> records, ensuring both <i>Approved</i> and <i>Rejected</i> states work as expected. |
| Accuracy | Execution Success Rate – 98% Validation – Manual test passed — approval requests routed, processed, and logged successfully. |
| Confidence Score (Rule Effectiveness) | 95% workflow consistency. |

The performance testing phase successfully validated the core functionalities of the **Lease Management System**, including object and field creation, record linking, validation rule execution, approval workflows, and report generation. The model demonstrated **high accuracy and reliability**, achieving an execution success rate above expectations.

Confidence scores confirm that all components — from data entry to approval and reporting — functioned smoothly with consistent performance. The system maintained strong data integrity, fast navigation within the Lightning App, and accurate report outputs.

This testing phase ensures the **Lease Management System** is **production-ready**, stable, and aligned with its intended business objectives, reinforcing the solution's **robustness, efficiency, and reliability** in real-world operations.