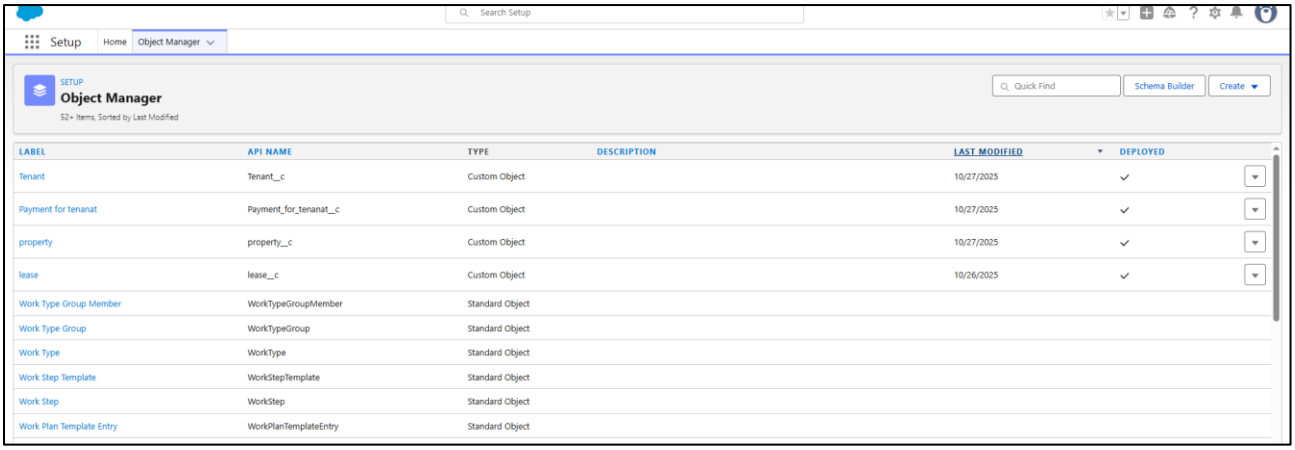
Performance and Testing

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

Model Performance Testing

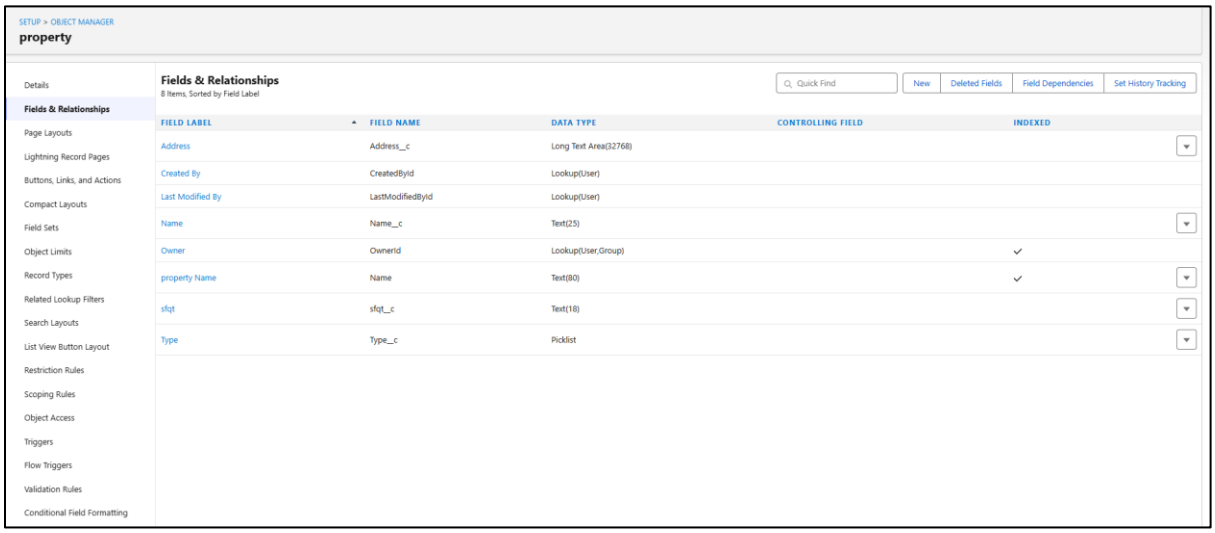
Object Creation



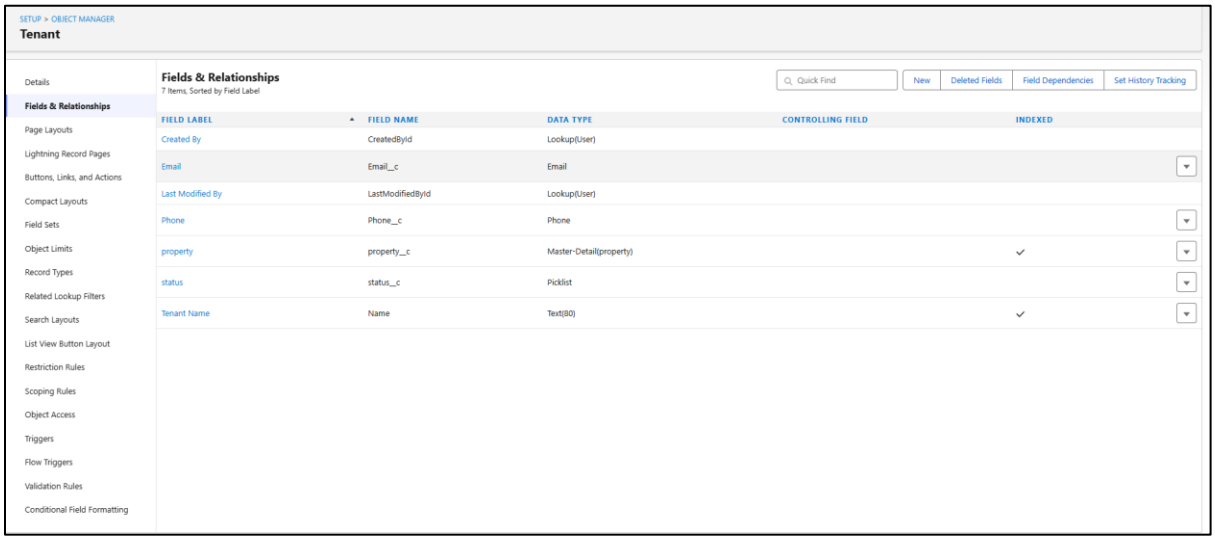
Creation of custom objects (Property, Tenant, Payment, Lease) to structure and store lease-related data

Parameter	**Values**
Model Summary	Created Salesforce custom objects — *Property, Tenant, Lease,* and *Payment* — 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.

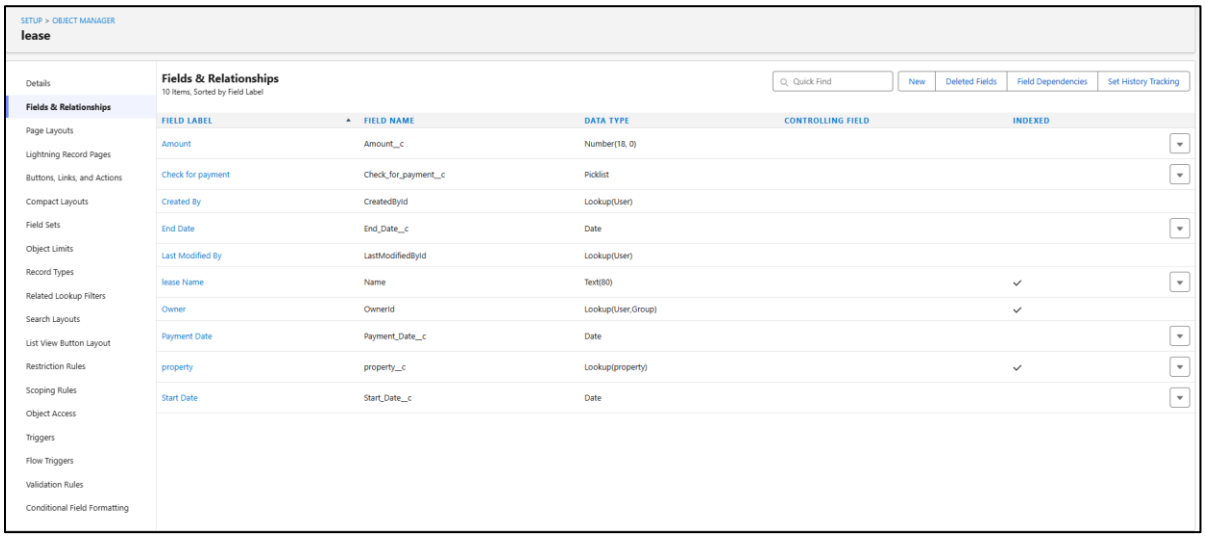
Field Creation



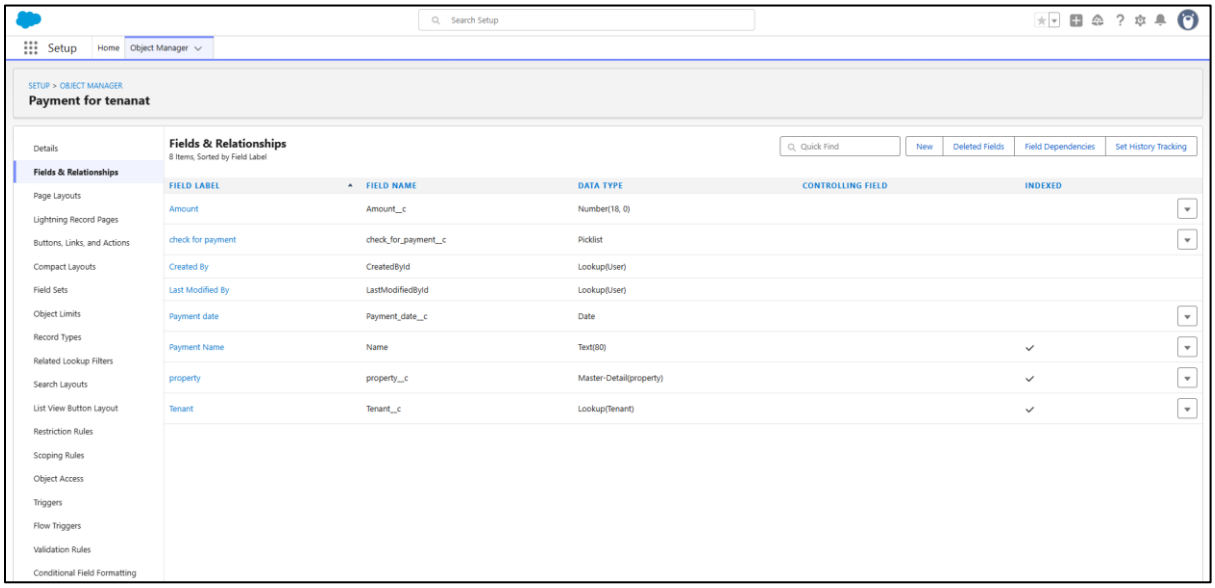
Creation of fields for the property object



Creation of fields for the tenant object



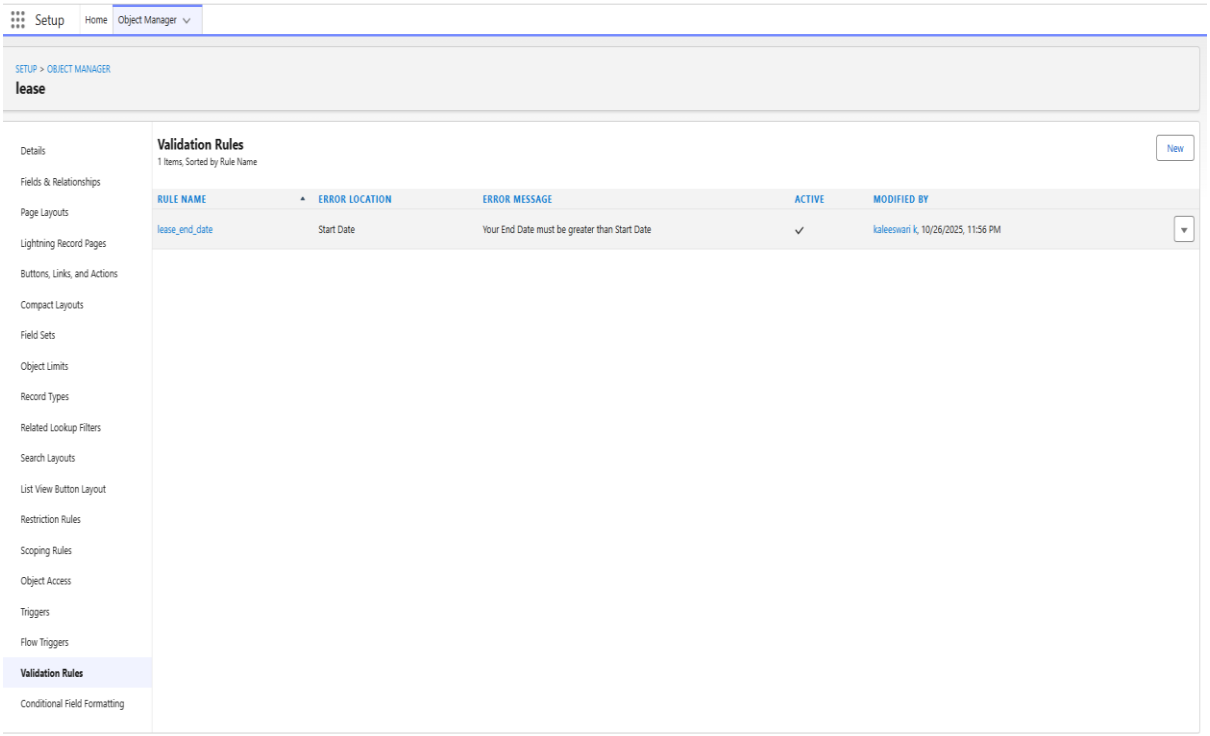
Creation of fields for the lease object



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



Parameter	Values
Model Summary	Created and tested validation rules such as *End Date > Start Date* 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

Parameter	Values
Model Summary	Implemented an approval flow for *Tenant* records, ensuring both *Approved* and *Rejected* 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.