

# Performance and Testing

**Date:** 27 October 2025

**Team ID:** NM2025TMID01082

**Project Name:** Lease Management System in Salesforce

**Maximum Marks:** 4 Marks

## Model Performance Testing

### Salesforce Developer Edition Setup Page

Parameter	Value
<b>Objective</b>	To create a Salesforce Developer Edition environment for building the Lease Management System.
<b>Description</b>	The Developer Edition provides a personal Salesforce environment with full access to customization, automation tools, and database functionalities. It allows creation of custom objects for managing properties, tenants, lease agreements, and rent payments.
<b>Tool Used</b>	Salesforce Developer Edition

### Custom Tabs Setup

Parameter	Value
<b>Objective</b>	To define and organize the main custom objects for the Lease Management System.
<b>Description</b>	Tabs were created for custom objects such as <b>Properties</b> , <b>Tenants</b> , <b>Lease Agreements</b> , and <b>Payments</b> to simplify navigation and record management.
<b>Tool Used</b>	Salesforce Object Manager → Tabs

### Roles Setup

Parameter	Value
<b>Objective</b>	To implement a role hierarchy for managing data visibility and access across different user levels.
<b>Description</b>	Roles such as <b>Property Owner</b> , <b>Property Manager</b> , and <b>Tenant</b> were created to ensure secure and role-based access for lease data and payment records.
<b>Tool Used</b>	Salesforce Setup → Roles

## Lease Agreement Object Fields & Relationships

Parameter	Value
<b>Objective</b>	To define fields and establish relationships between lease agreements, tenants, and properties.
<b>Description</b>	Custom fields such as <b>Lease ID</b> , <b>Start Date</b> , <b>End Date</b> , <b>Rent Amount</b> , and <b>Property Reference</b> were created. Lookup relationships were established with Tenant and Property objects to maintain relational data consistency.
<b>Tool Used</b>	Salesforce Object Manager → Lease Agreement → Fields & Relationships

## Lease Page Layout Design

Parameter	Value
<b>Objective</b>	To organize fields visually for better usability and data entry.
<b>Description</b>	The Lease Page Layout includes key fields like Lease ID, Start Date, End Date, Rent Amount, and Tenant Name. The layout improves user interaction and provides a clear view of all lease-related data.
<b>Tool Used</b>	Salesforce Object Manager → Page Layouts

## Flow Builder (Automated Rent Reminder Flow)

Parameter	Value
<b>Objective</b>	To automate rent reminder notifications before the due date.
<b>Description</b>	A record-triggered flow was created to automatically send reminder emails or notifications to tenants 5 days before the rent due date, ensuring timely payments.
<b>Tool Used</b>	Salesforce Flow Builder

## Lease Management Dashboard

Parameter	Value
<b>Objective</b>	To visualize and monitor lease, payment, and tenant data in real time.
<b>Description</b>	A Salesforce dashboard was designed to display the total number of active leases, upcoming renewals, rent collection summary, and pending payments, offering insights to property managers.
<b>Tool Used</b>	Salesforce Dashboard & Reports