



PROJECT REPORT

LEASE MANAGEMENT (Sales Force)

COLLEGE: AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[AVEV]

TEAM ID:LTVIP2025TMID29184

TEAM MEMBERS:

GOKADA SRAVYA-22Q71A0554

Mail:22q71a0554@aietta.ac.in

ALLU MOHAN ROA-22Q71A0504

DAMARASINGI TEJA-22Q71A0535

sravya gokada

PROJECT REPORT

INDEX:

INTRODUCTION

0. Project Overview

0.1 Purpose

1. IDEATION PHASE

1.1 Brainstorming

1.2 Empathy Map Canvas

1.3 Problem Statement

2. REQUIREMENT ANALYSIS

2.1 Customer Journey map

2.2 Data Flow Diagram

2.3 Solution Requirement

2.4 Technology Stack

3. PROJECT DESIGN

3.1 Problem Solution Fit

3.2 Proposed Solution

3.3 Solution Architecture

4. PROJECT PLANNING & SCHEDULING

4.1 Project Planning

5. FUNCTIONAL AND PERFORMANCE TESTING

5.1 Executables Document

5.2. RESULTS

5.3. Output Screenshots

6. ADVANTAGES & DISADVANTAGES

7. CONCLUSION

8. FUTURE SCOPE

Dataset Link

GitHub & Project Demo Link

INTRODUCTION

Salesforce is a cloud-based customer relationship management (CRM) platform that enables businesses to manage sales, marketing, and customer service activities in a single platform. It provides tools for sales teams to track leads, manage accounts, and forecast sales, as well as marketing automation and customer service capabilities. Salesforce is highly customizable and scalable, making it a popular choice for businesses of all sizes. Its features include:

- Contact and account management
- Sales forecasting and pipeline management
- Marketing automation
- Customer service and support
- Analytics and reporting
- Integration with other business applications

Salesforce is widely used across various industries, and its platform is constantly evolving with new features and innovations. Lease Management is a critical function in the real estate and property rental industry, involving the administration of lease agreements, rent payments, tenant communication, document handling, and property maintenance. Traditional lease management processes are often manual, fragmented, and prone to delays or errors.

Salesforce, as a robust and customizable cloud platform, offers a comprehensive solution to digitalize and automate lease management workflows. By leveraging Salesforce's CRM capabilities along with its automation, reporting, and integration tools, businesses can streamline lease lifecycle activities — from inquiry to renewal or termination.

Key Objectives of Lease Management in Salesforce:

- Centralize all lease data, tenant details, and property information in one place.
- Automate lease approvals, renewal reminders, and payment tracking using Flow Builder and Process Automation tools.
- Enable secure digital signing of lease agreements through integrations like DocuSign or Adobe Sign.
- Provide tenants with self-service access via Experience Cloud portals.
- Track maintenance requests and resolve service issues using Salesforce Service Cloud.
- Generate real-time reports and dashboards for lease performance, occupancy, and revenue.

Benefits of Using Salesforce for Lease Management:

- **Increased Efficiency:** Eliminates manual paperwork and reduces process delays.
- **Improved Accuracy:** Validations and automated workflows minimize human error.
- **Real-Time Visibility:** Dashboards and analytics provide actionable insights.
- **Enhanced User Experience:** Tenants and managers benefit from mobile-friendly, intuitive interfaces.
- **Compliance & Security:** Salesforce ensures data protection, audit trails, and regulatory compliance.

Salesforce transforms traditional lease management into a scalable, digital-first process — making it ideal for property managers, leasing agents, and real estate firms aiming for operational excellence.

Project Overview

Objective: Develop a customized Salesforce application to manage leases, track lease agreements, and automate lease-related processes for a real estate company.

Key Features:

1. Lease Agreement Management: Store and manage lease agreements, including lease terms, rent, and security deposits.
2. Lease Tracking: Track lease start and end dates, renewal options, and notice periods.
3. Rent Management: Manage rent payments, payment schedules, and late payment fees.
4. Lease Renewal and Termination: Automate lease renewal and termination processes, including notifications and reminders.
5. Reporting and Analytics: Generate reports on lease performance, rent payments, and lease expirations.

Salesforce Features Used:

1. Custom Objects: Create custom objects for Lease Agreements, Rent Payments, and Lease Terms.
2. Workflows and Approvals: Automate lease approval and renewal processes using workflows and approvals.
3. Triggers and Validation Rules: Use triggers and validation rules to enforce data consistency and accuracy.
4. Dashboards and Reports: Create custom dashboards and reports to provide insights into lease performance and rent payments.

Benefits:

1. Improved Lease Management: Streamline lease management processes and reduce administrative burdens.
2. Enhanced Visibility: Provide real-time visibility into lease agreements, rent payments, and lease performance.
3. Increased Efficiency: Automate lease-related processes, reducing manual errors and increasing productivity.

Technical Requirements:

1. Salesforce Platform: Develop the application on the Salesforce platform, using Salesforce DX and Lightning components.
2. Data Migration: Migrate existing lease data from legacy systems to Salesforce.
3. Integration: Integrate the Lease Management System with other Salesforce applications, such as Sales Cloud and Service Cloud.

Deliverables:

1. Customized Salesforce Application: Develop a customized Salesforce application for lease management.
2. Data Migration: Migrate existing lease data to Salesforce.
3. User Training: Provide user training and documentation for the Lease Management System.

Phase 1: Ideation Phase

[Brainstorming]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

Objective:

To generate initial ideas, identify user problems, and explore potential features or solutions that a Lease Management system (using a platform like Salesforce) should offer. This phase aims to lay the foundation for designing a robust and user-centric solution.

What is Brainstorming in this Context?

Brainstorming is a creative process where stakeholders (developers, users, managers) collaborate to freely suggest and discuss ideas aimed at improving or innovating lease management processes. In this project, the goal is to solve real-world issues through a digital Lease Management System built on Salesforce.

Key Stakeholders (Target Users):

- Tenants
- Landlords
- Property Managers
- Leasing Agents
- Admin & Finance Teams

Steps in Brainstorming for Lease Management:

1. Define the Problem Area:

- Fragmented lease tracking
- Manual reminders and approvals
- Poor communication between tenants and landlords
- Inefficient document handling
- Lack of centralized system for payments and maintenance tracking

2. Create a Safe Space for Ideas:

- Foster open dialogue
- Encourage wild ideas—quantity over quality at first
- Avoid criticism during ideation

3. List All Ideas (Sample Suggestions):

- Auto reminders for lease expiry and rent due
- Secure digital document storage (agreements, ID proofs)
- Tenant onboarding and offboarding workflows
- Lease renewal and approval process automation
- Rent payment tracking and digital receipts
- Maintenance request and SLA-based ticketing system
- Lease clause compliance monitoring
- Notification alerts via email/SMS
- Interactive dashboard for lease summary
- Escalation matrix for unresolved issues

Grouped Categories of Ideas:

Category	Features
Automation Features	Auto-reminders, onboarding flows, approval processes
User Communication	Maintenance requests, alerts, escalations
Document Management	Upload and organize leases and ID documents
Finance & Billing	Rent tracking, invoice generation, digital receipts
Analytics & Reporting	Lease summary dashboards, compliance reports

Prioritized Ideas:

Idea	Description	Category	Priority
Auto-email for lease expiry	Sends alerts 30 days before expiry	Automation	High
Lease document upload	Digital storage of lease agreements	Document Mgmt	Medium
Rent payment tracker	Logs rent transactions with receipts	Finance	High
Tenant onboarding workflow	Automated setup for new tenants	Automation	High
Maintenance request module	Service ticket system for tenants	Communication	Medium
Compliance monitoring	Alerts if lease terms are violated	Analytics	Medium
Dashboard overview	Visual summary of active/inactive leases	Analytics	Medium

Brainstorming Techniques Used:

- Mind Mapping: To visualize how ideas are interrelated.
- SWOT Analysis:
 - Strengths: Customizable via Salesforce, scalable.
 - Weaknesses: Initial setup complexity.
 - Opportunities: Automation, real-time alerts, centralization.
 - Threats: User adoption, data security concerns.
- Role Storming: Thinking from each stakeholder's viewpoint to identify pain points and needs.

Brainstorming Output Deliverables:

- Categorized and prioritized feature list
- Use-case identification by stakeholder type
- Visual maps and templates for future phases (e.g., wireframes)
- Foundation for Phase 2 (Requirement Gathering)

Ideation Phase

[Empathize and Discover]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

Objective:

The objective of this phase is to gain a deep understanding of the users and their problems through user research and engagement. This phase focuses on uncovering true user needs, workflows, and challenges to inform requirement gathering and system design.

What is the Empathize Phase?

Empathizing means stepping into the users' shoes to understand their experiences, feelings, and pain points. This is done through interviews, observation, and empathy mapping to capture insights that lead to meaningful solutions.

What is the Discover Phase?

The Discover phase involves identifying and gathering all relevant information about the user's current workflows, tools, and challenges. This includes collecting data, reviewing existing systems, and understanding the context of use.

Key Activities in this Phase:

1. Conduct user interviews and surveys.
2. Observe users interacting with current systems.
3. Create empathy maps and journey maps.
4. Identify user roles and personas.

5. Document workflows, goals, and pain points.
6. Gather feedback on early ideas or prototypes if available.

Deliverables of the Empathize and Discover Phase:

- Empathy Maps for key user roles (Tenant, Manager, Admin).
- User Personas with goals and challenges.
- User Journey Maps showing interaction steps.
- List of key pain points and opportunity areas.
- Insights report to inform solution design in next phases.

Empathize and Discover Phase in Salesforce Lease Management

In the context of Salesforce, the Empathize and Discover phase takes full advantage of the platform's capabilities to observe and map user needs into configurable, scalable solutions. The goal is to bridge the gap between current fragmented practices and a unified, user-centered lease management experience.

Salesforce-Focused Empathize Activities

- Use Experience Cloud to create pilot portals for observation of user interaction with early-stage features.
- Capture Salesforce Chatter conversations and service case histories to understand real-time user frustrations and patterns.
- Interview users across personas to identify gaps in automation, document workflows, and communication tools.

Salesforce-Focused Discover Activities

- Review existing Salesforce org data: custom objects, fields, and automation logic to assess gaps.
- Analyze usage reports and audit logs to understand user engagement and bottlenecks.
- Document requirements as user stories aligned with Salesforce features (e.g., 'As a leasing agent, I want auto-alerts for expiring leases').
- Identify reusable Salesforce components (e.g., Flows, Lightning Components, Approval Processes).

Tools and Techniques in the Salesforce Context

- ****Empathy Maps & Journey Maps:**** Created using Lucidchart, integrated into Salesforce records via attachments.
- ****User Research Dashboards:**** Built using Salesforce Reports to visualize user engagement, common pain points, and feature usage.

- **Feedback Capture Forms:** Created in Salesforce with automated routing to Product Teams.

Future Design Considerations Based on User Insights

- AI tools like Salesforce Einstein can eventually predict lease churn or maintenance demand.
- Build for mobile-first interaction, as many stakeholders work in the field.
- Plan configurable workflows, as lease rules may vary across regions and property types.

Ideation Phase

[Problem Statements]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

This phase focuses on translating research findings and brainstorming outcomes into clearly defined problem statements. These statements guide requirement gathering and solution design in subsequent stages of the Salesforce Lease Management project.

Problem Statement Structure

- Title
- Description
- Stakeholders Affected
- Impact
- Opportunity to Solve Using Salesforce

Expanded Problem Statements

1. Fragmented Lease Tracking
 - Description: Leases are managed across disparate tools such as spreadsheets, shared drives, and emails, leading to lost data and overlooked renewals.
 - Stakeholders Affected: Property Managers, Admin Team
 - Impact: Missed renewals, inefficient operations, compliance issues
 - Opportunity: Centralize lease data in Salesforce using custom objects and dashboards for real-time visibility.
2. Manual Lease Approval Workflows

- Description: Lease renewals and approvals rely on manual email threads with no tracking or audit trail.
- Stakeholders Affected: Leasing Agents, Legal Department, Management
- Impact: Delayed lease execution, errors in approval routing
- Opportunity: Automate workflows in Salesforce using Flow and Approval Processes, enabling auditability and speed.

3. 3. Maintenance Tracking Inconsistency

- Description: Maintenance requests are handled via ad hoc phone calls and messages without proper tracking.
- Stakeholders Affected: Tenants, Maintenance Teams
- Impact: Unresolved issues, no SLA enforcement, poor tenant satisfaction
- Opportunity: Leverage Salesforce Case Management to track, assign, and report on maintenance issues with SLA metrics.

4. 4. Unstructured Document Management

- Description: Lease-related documents are stored in non-standard formats across platforms, making retrieval hard.
- Stakeholders Affected: Admins, Auditors, Legal
- Impact: Risk of non-compliance, inefficient audits
- Opportunity: Store documents in Salesforce Files with version control and link to specific lease records.

5. 5. Lack of Communication and Alerting

- Description: Stakeholders do not receive timely notifications about critical events like rent due dates, lease expirations, or document updates.
- Stakeholders Affected: Tenants, Landlords, Admin Team
- Impact: Missed deadlines, delayed actions, customer dissatisfaction
- Opportunity: Configure Salesforce notifications, email alerts, and SMS through integrations for proactive communication.

Phase 2: Requirement Phase

[Customer Journey Mapping]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

In this phase, the project focuses on gaining a deep understanding of the customer's journey in the leasing lifecycle, using Salesforce as the foundational platform for digital transformation.

Requirement analysis is done through mapping key customer interactions, identifying pain points, and collecting stakeholder expectations to align business processes with technical capabilities.

Objective

- To define clear functional and non-functional requirements based on the customer's journey.
- To create an end-to-end customer journey map for lease management.
- To bridge the gap between customer expectations and current leasing workflows.

Customer Journey Mapping in Lease Management

Awareness & Inquiry Stage

Touchpoints: Website, real estate agent, mobile app, referrals.

Needs: Property info, lease terms, pricing, eligibility.

Salesforce Use: Web-to-lead forms, lead assignment rules.

Application & Documentation Stage

Touchpoints: Online portal, branches, customer care.

Needs: Easy document upload, eligibility checks.

Salesforce Use: Custom objects, document handling via Files or DocuSign.

Verification & Approval Stage

Touchpoints: Emails, calls.

Needs: Fast verification, clear updates.

Salesforce Use: Approval flows, task automation.

Lease Agreement & Signing

Touchpoints: Digital signing platforms.

Needs: Secure, legally compliant process.

Salesforce Use: Auto-generation, eSignature integration.

Onboarding & Move-in

Touchpoints: Welcome messages, site visits.

Needs: Seamless move-in, clear instructions.

Salesforce Use: Service case creation, onboarding flows.

Ongoing Lease Management

Touchpoints: Tenant portals, apps, support teams.

Needs: Rent payments, issue reporting.

Salesforce Use: Experience Cloud, Service Cloud, payment integration.

Renewal or Termination

Touchpoints: Emails, apps, agents.

Needs: Transparent process, reminders.

Salesforce Use: Notifications, renewal workflows, analytics.

Requirement Gathering Activities

Stakeholders: Leasing, finance, legal, IT, tenants.

Methods: Interviews, workshops, observation.

Deliverables:

- Functional Requirements: Tracking, automation, reporting.
- Non-Functional: Security, UX, scalability.
- Compliance: GDPR, lease law, digital signature legality.

Pain Points Identified

- Delays from manual processes.
- Lack of visibility into lease lifecycle.
- Inconsistent communication.
- Limited analytical insights.

Salesforce Capabilities Aligned

Requirement	Salesforce Feature
-------------	--------------------

Lead capture	Web-to-Lead, OmniStudio
Workflow automation	Flow Builder, Process Builder
Document handling	Salesforce Files, DocuSign
Customer communication	Service Cloud, Experience Cloud
Analytics & reporting	Dashboards, Einstein Analytics

Conclusion

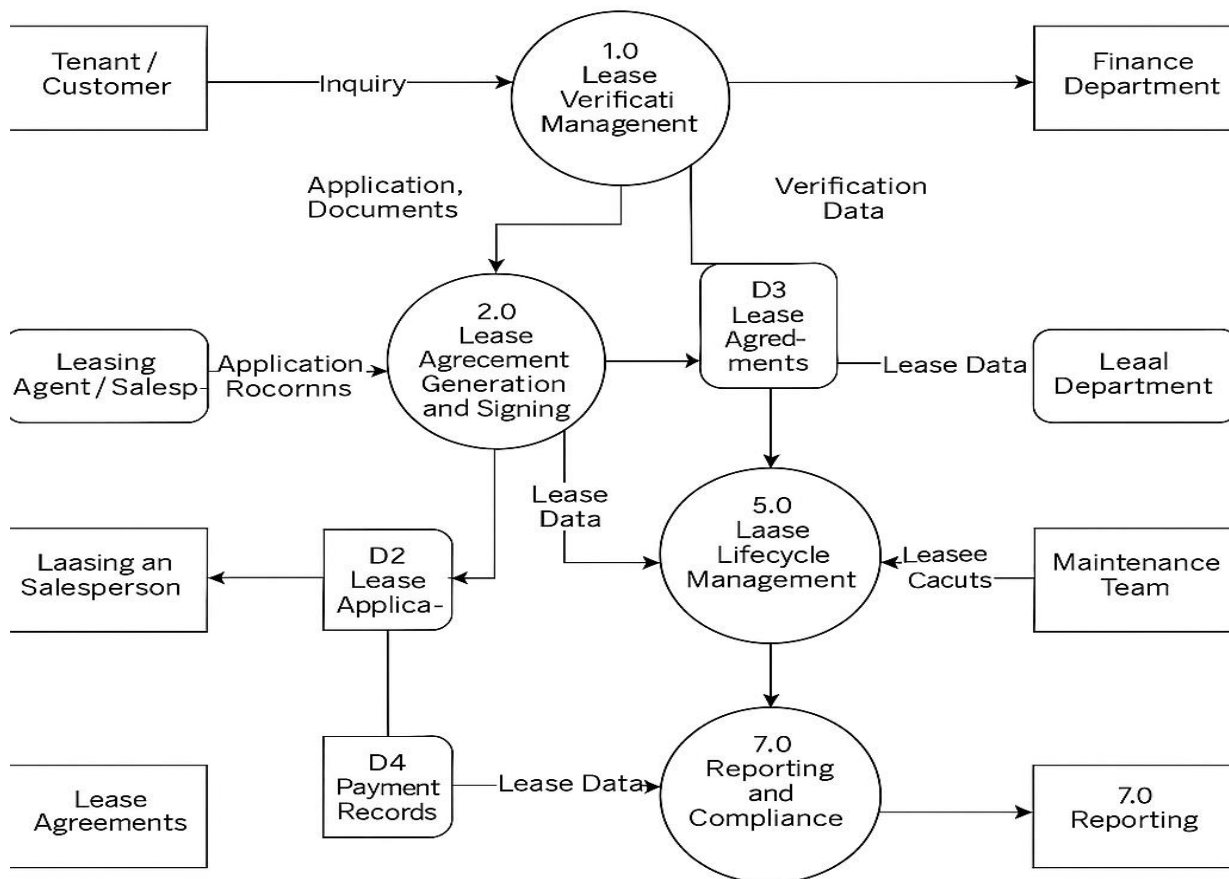
This requirement phase builds the foundation for solution design by centering the leasing process around real customer experiences. The insights from this journey map directly shape the architecture and priorities for the next phases in the Salesforce lease management project.

Phase 2: Requirement Phase

[Data Flow Diagram (DFD)]

DATE	4 JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

The diagram below represents a Level 1 Data Flow Diagram for a Lease Management Project in Salesforce. It includes core processes, data stores, external entities, and the flow of data between them throughout the lease lifecycle.



Phase 2: Requirement Phase

[Solution Requirements]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

To effectively develop and implement the Lease Management System within Salesforce, a comprehensive solution architecture and supporting technology stack must be identified. This ensures that the platform is scalable, secure, and user-friendly, meeting both business and tenant needs throughout the lease lifecycle.

Functional Requirements

- Capture and manage lease inquiries and leads through Salesforce CRM.
- Automated lease application and approval workflows.
- Digital document generation and e-signature capabilities.
- Centralized dashboard for managing active leases and tenant data.
- Notifications for renewals, payments, and lease expirations.
- Integration with payment gateways for online rent collection.
- Case management for tenant support and maintenance requests.

Non-Functional Requirements

- High availability and scalability for enterprise use.
- Strong data security, access control, and compliance (e.g., GDPR).
- Fast system performance and responsive UI.
- Customizability to adapt to changing lease workflows.

Extended Solution Requirements and Architecture

Extended Functional Requirements

- Multi-role access for leasing agents, finance, legal, and maintenance users.
- Audit trail for all key lease-related activities for compliance.
- Centralized calendar for lease expiry, renewal dates, and inspections.

- Integration with email/SMS services for automated communication.
- Document versioning and archival capabilities.
- Support for sub-leases, amendments, and co-tenancy cases.

Extended Non-Functional Requirements

- Mobile-friendly design for tenant and agent access via mobile devices.
- Role-based dashboards tailored to user needs (e.g., leasing, finance).
- Seamless integration with external property management software (if required).
- Performance tuning for large datasets and multi-property handling.
- Continuous monitoring and logging using Salesforce Event Monitoring or integrated tools.

Phase 2: Requirement Phase

[Technology Stack]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

Component	Technology/Tool
Platform	Salesforce (Sales Cloud, Service Cloud, Experience Cloud)
Automation	Flow Builder, Apex Triggers, Process Builder
Data Management	Custom Objects, Salesforce Files, Shield Encryption
Digital Signatures	DocuSign / Adobe Sign Integration
Reporting & Analytics	Salesforce Reports, Dashboards, Einstein Analytics
Integration	Salesforce APIs, Mulesoft (if needed)
Frontend/UX	Lightning Web Components (LWC), Experience Cloud Portals
Deployment & DevOps	Salesforce DX, GitHub, CI/CD Tools

Extended Technology Stack Additions

Component	Technology/Tool
Mobile Access	Salesforce Mobile App, Responsive Lightning Components

Communication	Salesforce Digital Engagement, Twilio Integration
Compliance & Logging	Salesforce Shield, Event Monitoring
External Integration	MuleSoft for integration with ERPs or property management tools
User Management	Permission Sets, Profiles, Sharing Rules
Testing	Apex Test Classes, Selenium for UI Testing
Monitoring & Alerts	Salesforce Health Check, Debug Logs, External Logging Tools

Phase 3: Project Design Phase

[Problem-Solution Fit]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

Objective

To establish a clear alignment between the identified problems in the lease management lifecycle and the proposed Salesforce-based solutions. This ensures that the technology implementation directly addresses operational pain points and business goals.

Identified Problems in Lease Management

- Manual Inquiry Tracking – Leads are lost or delayed due to lack of centralized tracking.
- Paper-Based Applications – Delays due to physical documentation and manual verification.
- Unstructured Approval Workflows – Lease approvals vary by department and lack standardization.
- Disconnected Communication Channels – Tenants, agents, and departments operate in silos.
- Lack of Visibility in Lease Lifecycle – No real-time insights into lease stages, renewals, or expirations.
- Inefficient Rent Collection – No automated reminders or integrated payment systems.
- Limited Reporting and Audit Trail – Difficult to track performance or meet compliance needs.

Salesforce-Based Solution Overview

Problem	Salesforce Solution
Manual Inquiry Tracking	Web-to-Lead forms + Lead Management in Sales Cloud

Paper-Based Applications	Experience Cloud Portals for Digital Applications
Unstructured Workflows	Flow Builder and Process Builder for Automation
Disconnected Communication	Omnichannel support via Service Cloud & Email Integration
Lack of Lifecycle Visibility	Custom Objects and Dashboards for Real-Time Tracking
Inefficient Rent Collection	Integration with Payment Gateways & Scheduled Workflows
Limited Reporting	Einstein Analytics and Standard Salesforce

Solution Benefits

- Process Efficiency: Automates lease processing from inquiry to termination.
- Centralized Data: One source of truth for tenants, properties, and agreements.
- Compliance Ready: Built-in audit trails, approval history, and encryption.
- Enhanced User Experience: Portals for tenants, dashboards for agents, and notifications for all roles.
- Data-Driven Decisions: Real-time reports and AI-powered forecasting with Salesforce Einstein.

Problem-Solution Fit Validation

To ensure problem-solution fit, the following were conducted:

- Stakeholder Workshops to map workflows and identify redundancies.
- User Interviews with tenants, leasing agents, and finance users.
- Prototype Testing of Experience Cloud portal and automation flows.
- KPI Definition: Lease approval time, rent collection success rate, and NPS scores tracked post-implementation.

Conclusion

This phase confirms that the Salesforce-based architecture directly addresses the real operational and user challenges of traditional lease management. The problem-solution fit provides confidence that further investment in customization and deployment will drive measurable business value.

Phase 3: Project Design Phase

[Proposed Solution]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

Overview

The proposed solution aims to digitize and automate the entire lease management lifecycle using Salesforce. It leverages Salesforce's Sales Cloud, Service Cloud, Experience Cloud, and platform automation capabilities to create a centralized, user-friendly, and scalable lease management system.

Key Features of the Proposed Solution

Centralized Lease Management System

Custom objects for lease contracts, tenants, properties, and payment schedules. Relationship mapping between tenants, lease agreements, and properties.

Digital Application & Onboarding

Experience Cloud portals for tenants to apply online, upload documents, and track their lease status. Automated email/SMS notifications for application status, approvals, and onboarding steps.

Automated Approval Workflows

Use of Flow Builder to automate lease approval based on custom business rules. Multi-level approval processes involving legal and finance departments.

Lease Agreement Generation & E-signature

Integration with DocuSign or Adobe Sign to generate lease agreements directly from Salesforce templates. Secure e-signature collection and storage within the lease record.

Payment Management & Integration

Scheduled payment reminders via email/SMS. Integration with payment gateways for online rent collection and status tracking. Logging of payment history within Salesforce.

Maintenance and Service Management

Case management using Service Cloud for tenant complaints and maintenance requests. Automated case routing to the appropriate maintenance team with SLAs.

Renewals, Extensions, and Terminations

Configurable workflows to handle renewals and termination notices. Notification engine to remind tenants and agents of key dates.

Dashboards and Analytics

Custom dashboards for management to view lease performance, occupancy rates, revenue, and issue resolution times. Advanced reporting with Einstein Analytics for predictive insights (e.g., renewal likelihood, churn risk).

Architecture Summary

Layer	Tools & Features
UI/UX	Lightning Web Components, Experience Cloud
Application Logic	Flows, Apex Classes, Approval Processes
Data Management	Custom Objects, Salesforce Files, Record Types
Integrations	DocuSign, Payment Gateway API, Email/SMS Providers
Security & Access	Profiles, Permission Sets, Field-Level Security
Reporting	Dashboards, Reports, Einstein Analytics
Automation	Process Builder, Flow Builder, Scheduled Flows

Benefits of the Proposed Solution

- Improved Efficiency: Automation significantly reduces manual intervention.
- Better Visibility: Central dashboards provide real-time insights into leases.
- Tenant Satisfaction: Self-service portals and transparent workflows enhance user experience.
- Regulatory Compliance: Audit logs, encryption, and standardized workflows ensure compliance.
- Scalability: The solution supports multiple properties, lease types, and business units.

Phase 3: Project Design Phase

[Solution Architecture]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

1. Architecture Overview

The solution uses a modular, cloud-native architecture built on Salesforce's multi-cloud ecosystem. It integrates Sales Cloud, Service Cloud, Experience Cloud, Flow Builder, and custom Apex logic, along with external systems like payment gateways and e-signature platforms.

2. Architecture Layers

Layer	Components	Purpose
Presentation Layer	Lightning App, Experience Cloud Portal, Salesforce Mobile App	Tenant, agent, and admin interfaces
Business Logic Layer	Apex Classes, Flow Builder, Process Builder	Workflow automation, approvals, custom logic
Data Layer	Salesforce Custom & Standard Objects, Files, Field-Level Security	Stores lease data, documents, user details
Integration Layer	Salesforce APIs, Named Credentials, MuleSoft	Connects to payment gateways, e-signature tools
Security Layer	Profiles, Permission Sets, Sharing Rules, Salesforce Shield	Data access control, encryption, audit
Analytics Layer	Reports, Dashboards, Einstein Analytics	Visual insights, forecasting, compliance monitoring

3. Key Salesforce Objects (Data Model)

Object	Purpose
Tenant (Custom)	Stores tenant personal & contact information
Property (Custom)	Contains details about property/unit
Lease Agreement (Custom)	Core record linking tenants and properties
Payment (Custom)	Tracks rent, due dates, and payment status
Service Request (Case)	For managing maintenance and support
Document (File)	Attachments for lease, ID proofs, etc.

4. Workflow & Automation Components

- Flow Builder for lease initiation, approval, and renewal automation
- Apex Triggers for complex business logic like late fee calculations
- Scheduled Flows for rent reminders and follow-ups
- Approval Processes for legal and financial clearance

5. Integration Touchpoints

System	Integration Method	Purpose
DocuSign/Adobe Sign	REST API, Apex SDK	E-signatures for lease agreements
Payment Gateway (e.g., Razorpay, Stripe)	Webhooks, REST API	Online rent payment
SMS/Email Services (e.g., Twilio, SendGrid)	Apex callouts	Automated notifications
External ERP or Property Tools	MuleSoft / Named Credentials	Sync property or finance data

6. Security & Compliance

- Field-Level & Object-Level Security: Role-based data access
- Shield Platform Encryption: For sensitive documents
- Audit Trail & Event Monitoring: For compliance tracking
- Multi-Factor Authentication: For admin users and critical roles

7. High-Level Diagram Description

Users (tenants, agents, admin) interact via Lightning UI / Experience Cloud. Business logic (flows, Apex) operates over the object model. Data flows into and out of Salesforce through API integrations (DocuSign, Payments). Reports and dashboards provide live insights. Security is enforced at every layer.

Phase 4: Project Planning

[Project Planning Template]

DATE	JUNE 2025
TEAM ID	LTVIP2025TMID29184
Project Name	Lease Management
Maximum Marks	4/5

1. Objective

To define the project's roadmap, deliverables, timelines, team responsibilities, and risk management strategies, ensuring smooth implementation of the lease management system on Salesforce.

2. Project Scope

In Scope:

- - Custom Salesforce objects for leases, tenants, properties, payments.
- - Experience Cloud portal for tenant interaction.
- - Automation for approvals, reminders, renewals.
- - Integration with e-signature and payment systems.
- - Custom dashboards and reports.

Out of Scope:

- - Third-party property valuation tools.
- - In-person lease inspections (handled offline).
- - Legacy system migration (only if specified).

3. Timeline (High-Level Gantt Segments)

Phase	Duration	Key Deliverables
Requirements Finalization	1 Week	Validated User Stories, Feature List

Design & Architecture	2 Weeks	Data Model, DFD, UX Mockups
Development	4 Weeks	Custom Objects, Workflows, Integrations
Testing	2 Weeks	Functional, UAT, Security Testing
Deployment	1 Week	Production Deployment, User Setup
Training & Go-Live	1 Week	User Training, Documentation

4. Resource Planning

Role	Responsibility
Project Manager	Planning, tracking, stakeholder communication
Salesforce Developer	Object creation, automation, Apex coding
Admin/Configurator	Setup, permission sets, flows
QA Engineer	Testing functionality and security
Business Analyst	Requirement gathering, validation
UX Designer	Experience Cloud portal and UI design

5. Risk Management Plan

Risk	Likelihood	Impact	Mitigation Strategy
Changing Requirements	Medium	High	Weekly reviews with stakeholders
Integration Delays (e.g. Payments)	Medium	Medium	Parallel testing in sandbox environments
Data Quality from Users	High	Medium	Validations, duplicate management rules
User Adoption Resistance	Medium	High	Training, FAQ documents, early user feedback

Security Misconfigurations	Low	High	Security audit before deployment
----------------------------	-----	------	----------------------------------

6. Communication Plan

- Weekly Review Meetings with stakeholders and tech team.
- Daily Stand-Ups during development and testing.
- Email Reports every Friday summarizing progress, blockers, and action items.
- Collaboration Tools: Jira for tracking, Slack/Teams for communication, Confluence for documentation.

7. Success Metrics

- Reduction in lease approval time by 50%
- 90%+ of lease applications processed digitally
- 0 major security incidents post-launch
- Positive feedback from at least 80% of tenant users (via surveys)

5.FUNCTIONAL AND PERFORMANCE TESTING

[Executables Document]

Platform: Salesforce

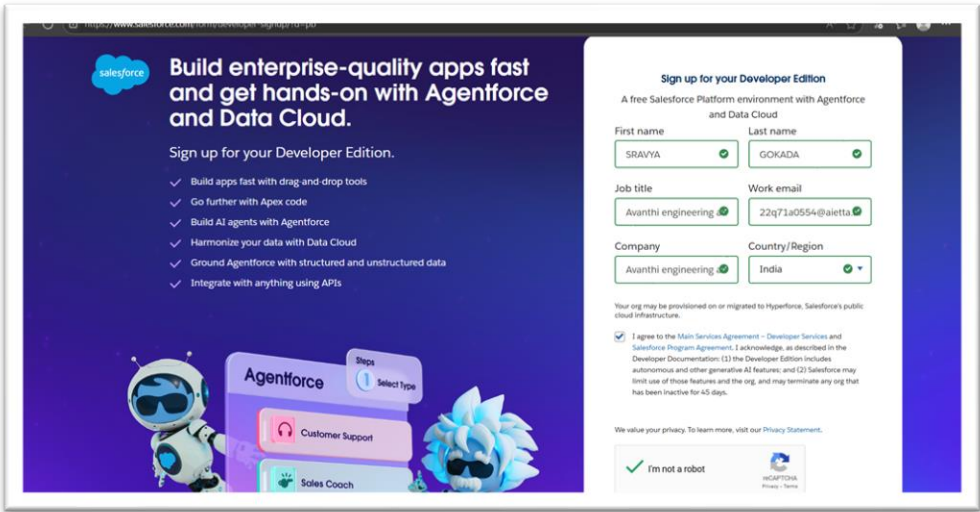
Technology Stack: Salesforce CRM, Apex, Flow Builder, Lightning App Builder, Salesforce Data Model

1. Project Modules/Executables Overview

Module	Description
Lease Creation	Create new lease agreements for tenants
Lease Renewal	Automate lease extension and approval workflow
Payment Tracking	Track due dates, payment history, alerts
Maintenance Requests	Tenants log issues, assign to technician
Document Upload	Upload and store lease documents
Dashboards/Reports	Visualize lease status, rent collections

2. Login and Navigation

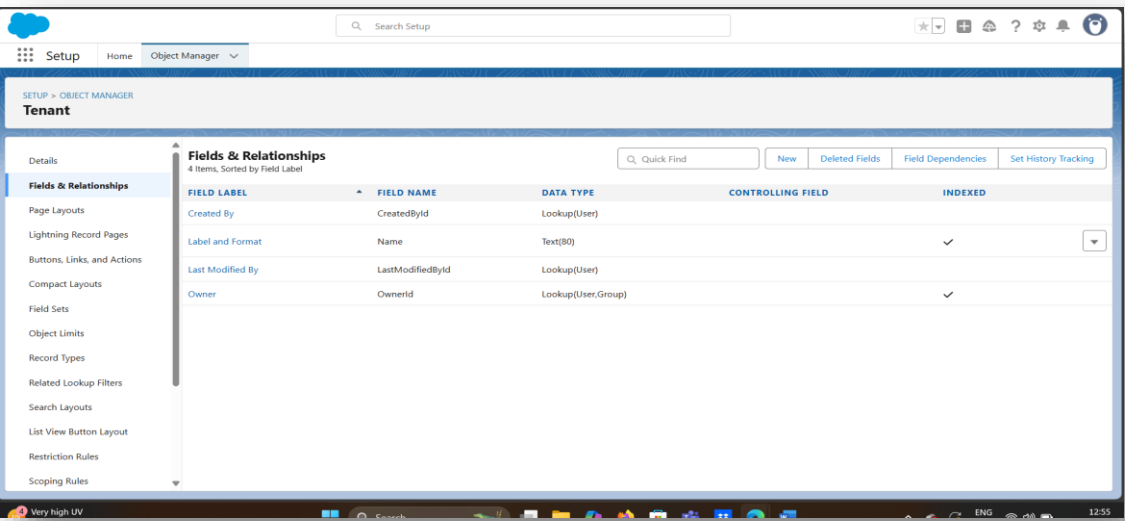
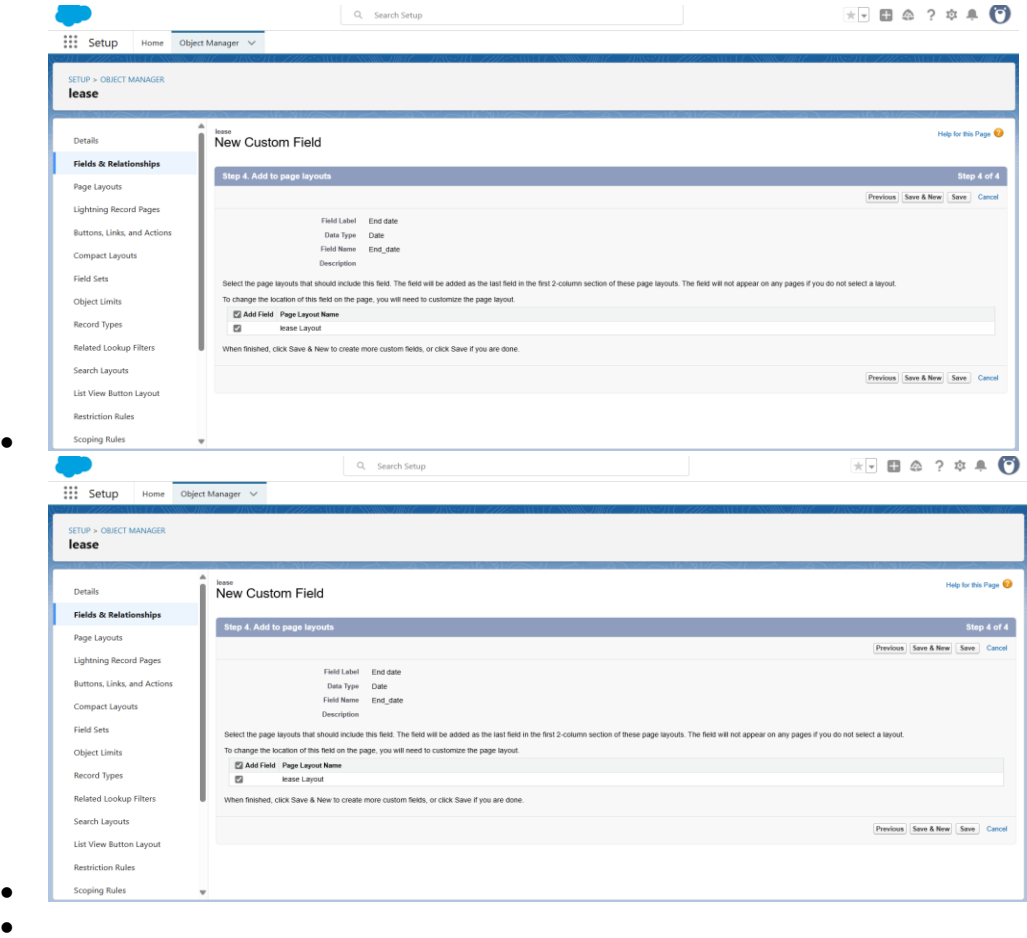
- Screenshot 1: Salesforce Login Page - Users log in using Salesforce credentials to access the Lease Management App.

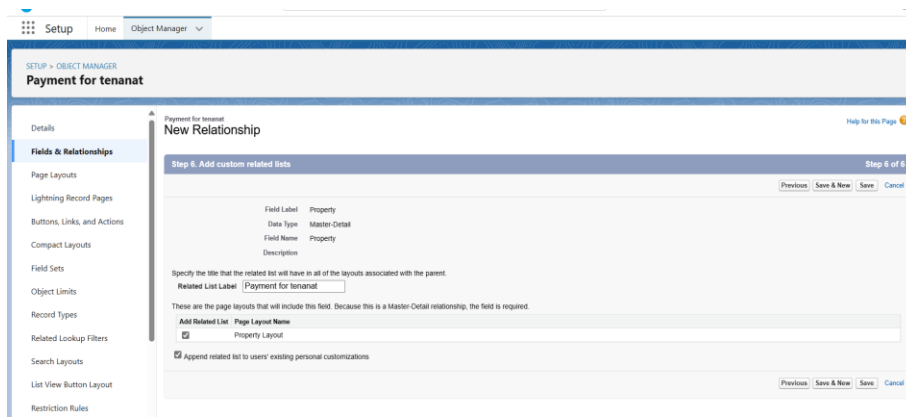


- This is the screen shot of the given one.

3. Lease Creation Flow

- Screenshot 3: New Lease Record Page - Fields: Tenant Name, Lease Start Date, Lease End Date, Property ID.





4. Automation: Lease Expiry Reminder

- Screenshot 4: Flow Builder – Lease Expiry Notification - Scheduled flow sends email 30 days before lease end date.
- Flow Details: Object: Lease__c, Condition: End_Date__c - >start_date__c = 30, Action: Send Email.

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

Define a validation rule by specifying an error condition and a corresponding error message. The error condition is written as a Boolean formula expression that returns true or false. When the formula expression returns true, the save will be aborted and the error message will be displayed. The user can correct the error and try again.

Validation Rule Edit Save Save & New Cancel

Rule Name

Active ☒

Description

Error Condition Formula f Required Information

Example: `{Discount_Percent__c > 0.30}` [More Examples...](#)
 Display an error if Discount is more than 30%.
 If this formula expression is **true**, display the text defined in the Error Message area.

`End_date__c > start_date__c`

No errors found

Functions
 -- All Function Categories --
 ABS
 ACOS
 ADDMONTHS
 AND
 ASCII
 ASIN
 Insert Selected Function
 ABS(number)
 Returns the absolute value of a number, a number without its sign.
[Help on this function](#)

Quick Tips
 • Operators & Functions

5. Payment Management

- Screenshot 5: New Payment Record - Amount Paid, Payment Date, Status

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Payment for tenant

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

Payment for tenant

New Custom Field

Help for this Page

Step 4. Add to page layouts Step 4 of 4

Previous Save & New Save Cancel

Field Label	Payment date
Data Type	Date
Field Name	Payment_date
Description	

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

☒ Add Field ☐ Page Layout Name

☒ Payment Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Previous Save & New Save Cancel

SETUP > OBJECT MANAGER

Payment for tenant

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

Payment for tenant

New Custom Field

Help for this Page

Step 4. Add to page layouts Step 4 of 4

Previous Save & New Save Cancel

Field Label	Amount
Data Type	Number
Field Name	Amount
Description	

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

☒ Add Field ☐ Page Layout Name

☒ Payment Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Previous Save & New Save Cancel

Automation: Scheduled Flow checks for overdue payments weekly, Lease__c payment status

SETUP > OBJECT MANAGER

Tenant

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

Tenant

New Custom Field

Step 2. Enter the details

Field Label: status

Values: ☐ Use global picklist value set ☒ Enter values, with each value separated by a new line

Stay Leaving

☐ Display values alphabetically, not in the order entered

☐ Use first value as default value

☒ Restrict picklist to the values defined in the value set

Field Name: status

Description:

Previous Next Cancel

Step 2 of 4

Help for this Page

SETUP > OBJECT MANAGER

Payment for tenant

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

Payment for tenant

New Custom Field

Step 2. Enter the details

Field Label: check for payment

Values: ☐ Use global picklist value set ☒ Enter values, with each value separated by a new line

Paid not paid

☐ Display values alphabetically, not in the order entered

☐ Use first value as default value

☒ Restrict picklist to the values defined in the value set

Field Name: check_for_payment

Description:

Previous Next Cancel

Step 2 of 4

Help for this Page

6. Document Upload Feature

- Screenshot 8: Files Related List – Lease Record - Upload lease agreements, View/download from Files tab.
- Implementation: Files related list enabled on Lease__c page layout.

SETUP > OBJECT MANAGER

lease

Details

Fields & Relationships

4 items, Sorted by Field Label

Quick Find

New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Label and Format	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User/group)		✓

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

Setup

Home

Object Manager

Search Setup

Star

Plus

Home

Help

Settings

Notifications

User

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

lease

New Custom Field

Help for this Page

Step 4. Add to page layouts

Step 4 of 4

Previous

Save & New

Save

Cancel

Field Label	start date
Data Type	Date
Field Name	start_date
Description	

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

☒ Add Field

Page Layout Name

☒ lease Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Previous

Save & New

Save

Cancel

Setup

Home

Object Manager

Search Setup

Star

Plus

Home

Help

Settings

Notifications

User

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

lease

New Custom Field

Help for this Page

Step 4. Add to page layouts

Step 4 of 4

Previous

Save & New

Save

Cancel

Field Label	End date
Data Type	Date
Field Name	End_date
Description	

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

☒ Add Field

Page Layout Name

☒ lease Layout

When finished, click Save & New to create more custom fields, or click Save if you are done.

Previous

Save & New

Save

Cancel

Setup

Home

Object Manager

Search Setup

Star

Plus

Home

Help

Settings

Notifications

User

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

lease

New Relationship

Help for this Page

Step 6. Add custom related lists

Step 6 of 6

Previous

Save & New

Save

Field Label	Property
Data Type	Lookup
Field Name	Property
Description	

Specify the title that the related list will have in all of the layouts associated with the parent.

Related List Label

Select the page layouts that should include this field. The field will be added as the last field in the first 2-column section of these page layouts. The field will not appear on any pages if you do not select a layout.

To change the location of this field on the page, you will need to customize the page layout.

☒ Add Related List

Page Layout Name

☒ Property Layout

☒ Append related list to users' existing personal customizations

Previous

Save & New

Save

7. User Profiles & Permissions

- Screenshot : Profile Setup for Property Manager - Object permissions (Read/Create/Edit on Lease__c, Payment__c), Record-level access via sharing rules.

This screenshot shows the 'Custom Object Definition Edit' page for the 'Lease' object in Salesforce Setup. The page is titled 'Object Manager' and includes a search bar at the top. The 'Custom Object Information' section contains the following fields:

- Label:** Lease (Example: Account)
- Plural Label:** Leases (Example: Accounts)
- Starts with vowel sound:** ☐
- Object Name:** lease (Example: Account)
- Description:** (Empty text area)
- Context-Sensitive Help Setting:** ☒ Open the standard Salesforce.com Help & Training window; ☐ Open a window using a Visualforce page
- Content Name:** --None--

The 'Enter Record Name Label and Format' section includes:

- Record Name:** Label and Format (Example: Account Name)
- Data Type:** Text (Warning: If you plan to insert a high volume of records in this object, via the API for example, use the Text data type.)

This screenshot shows the 'Custom Object Definition Edit' page for the 'Payment' object in Salesforce Setup. The page is titled 'Object Manager' and includes a search bar at the top. The 'Custom Object Information' section contains the following fields:

- Label:** Payment (Example: Account)
- Plural Label:** Payments (Example: Accounts)
- Starts with vowel sound:** ☐
- Object Name:** Payment (Example: Account)
- Description:** (Empty text area)
- Context-Sensitive Help Setting:** ☒ Open the standard Salesforce.com Help & Training window; ☐ Open a window using a Visualforce page
- Content Name:** --None--

The 'Enter Record Name Label and Format' section includes:

- Record Name:** Label and Format (Example: Account Name)
- Data Type:** Text (Warning: If you plan to insert a high volume of records in this object, via the API for example, use the Text data type.)

This screenshot shows the 'New Relationship' page for the 'Lease' object in Salesforce Setup. The page is titled 'Object Manager' and includes a search bar at the top. The 'Custom Object Definition Edit' section contains the following fields:

- Label:** Lease (Example: Account)
- Plural Label:** Leases (Example: Accounts)
- Starts with vowel sound:** ☐
- Object Name:** lease (Example: Account)
- Description:** (Empty text area)
- Context-Sensitive Help Setting:** ☒ Open the standard Salesforce.com Help & Training window; ☐ Open a window using a Visualforce page
- Content Name:** --None--

The 'Enter Record Name Label and Format' section includes:

- Record Name:** Label and Format (Example: Account Name)
- Data Type:** Text (Warning: If you plan to insert a high volume of records in this object, via the API for example, use the Text data type.)

The 'New Relationship' section includes:

- Field Label:** Property
- Data Type:** Lookup
- Field Name:** Property
- Description:** (Empty text area)
- Specify the title that the related list will have in all of the layouts associated with the parent:** Related List Label: lease
- Select the page layouts that should include this field:** ☒ Property Layout
- Append related list to users' existing personal customizations:** ☒

8. Deployment & Packaging

- production deployment, Tested with UAT scripts and error logs/Apex, Scheduleing

```
1 global class MonthlyEmailScheduler implements Schedulable {
2
3     global void execute(SchedulableContext sc) {
4
5         Integer currentDay = Date.today().day();
6
7         if (currentDay == 1) {
8
9             sendMonthlyEmails();
10
11         }
12     }
13 }
14
15 public static void sendMonthlyEmails() {
16
17     List<Tenant__c> tenants = [SELECT Id, Email__c FROM Tenant__c];
18
19 }
```

```
20 for (Tenant__c tenant : tenants) {
21
22     String recipientEmail = tenant.Email__c;
23
24     String emailContent = 'I trust this email finds you well. I am writing to remind you that the monthly rent is due Your timely payment';
25
26     String emailSubject = 'Reminder: Monthly Rent Payment Due';
27
28     Messaging.SingleEmailMessage email = new Messaging.SingleEmailMessage();
29
30     email.setToAddresses(new String[]{recipientEmail});
31
32     email.setSubject(emailSubject);
33
34     email.setPlainTextBody(emailContent);
35
36     Messaging.sendEmail(new Messaging.SingleEmailMessage[]{email});
37
38 }
```

apex class

Custom Code

Apex Classes

Didn't find what you're looking for?
Try using Global Search.

Apex Classes

Save Cancel

Job Name: MonthlyEmailScheduler

Apex Class: MonthlyEmailScheduler

Schedule Using: ☒ Schedule Builder ☐ Cron Expression

Schedule Apex Execution

Frequency: ☒ Weekly ☐ Monthly

Recurs every week on

☐ Sunday

☐ Monday

☒ Tuesday

☐ Wednesday

☐ Thursday

☐ Friday

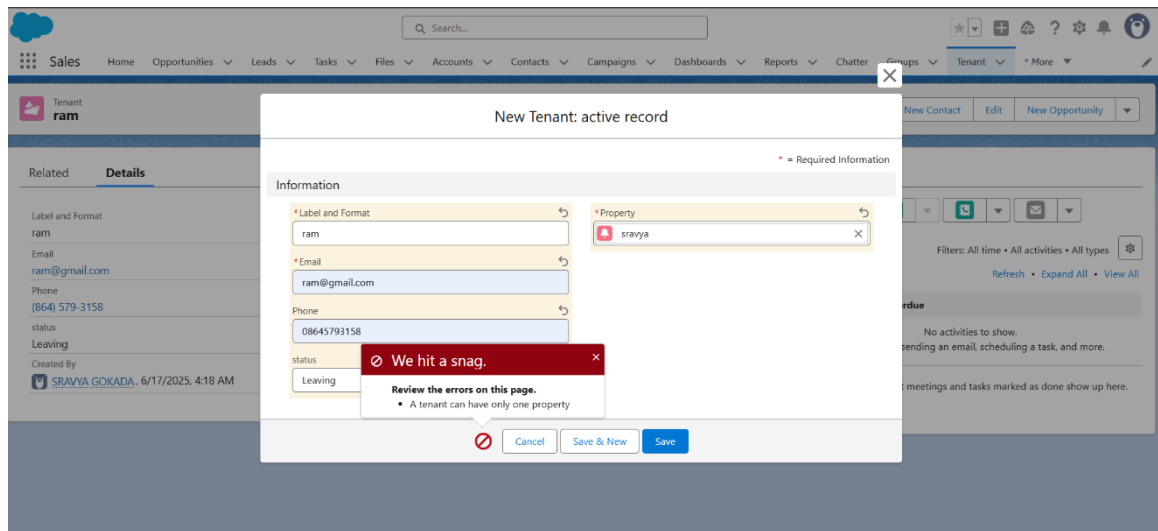
☐ Saturday

Start: 4/12/2023 [6/17/2025]

End: 4/01/2026 [6/17/2025]

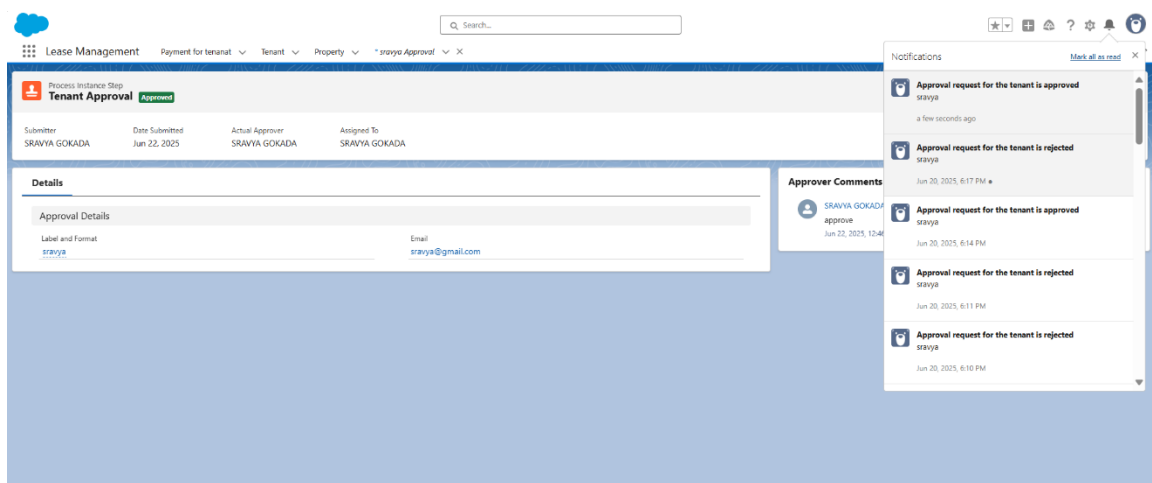
Preferred Start Time: --None--

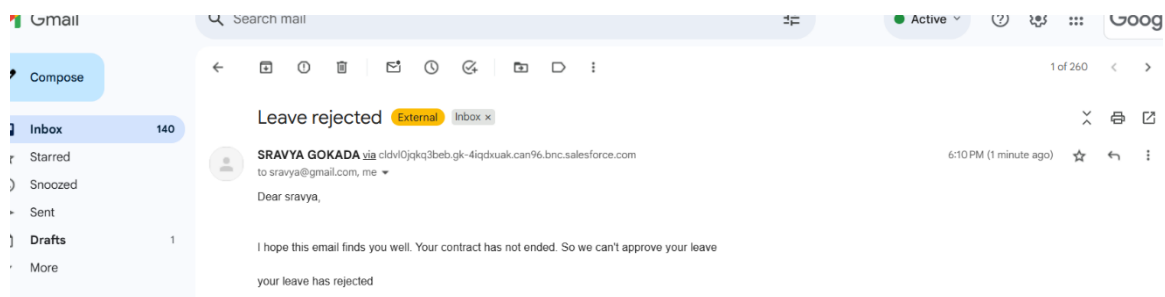
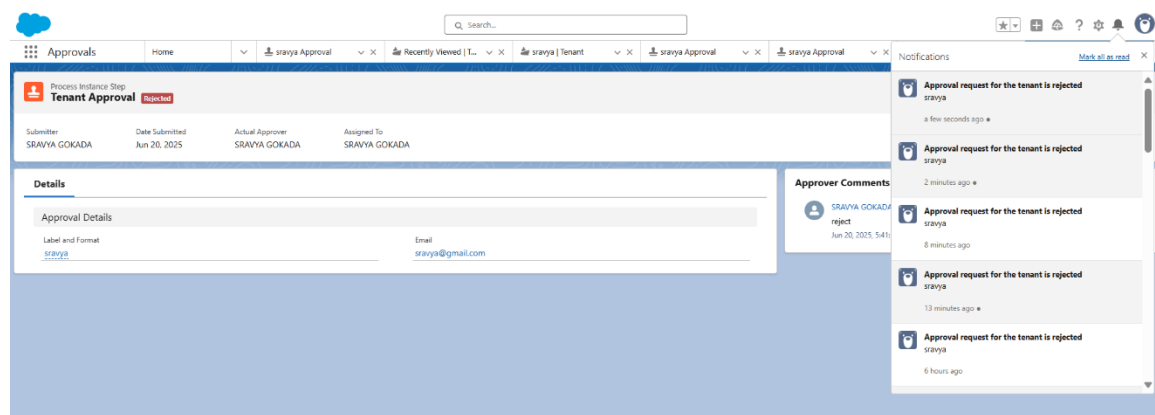
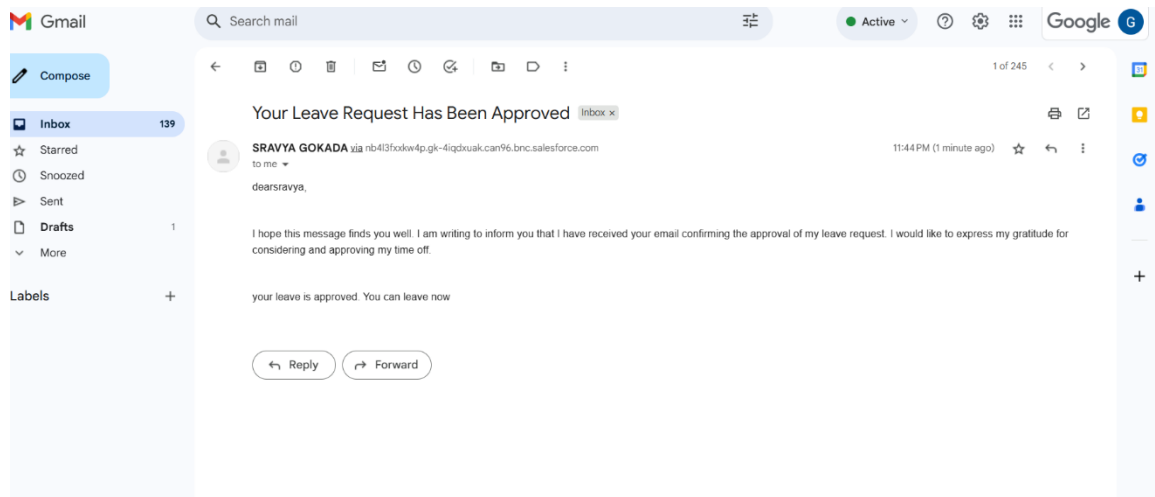
Exact start time will depend on job queue activity.



8.Output:

Screenshot:





6. Advantages of Lease Management:

1. Streamlined Processes: Automate lease management processes, reducing manual errors and increasing efficiency.

2. Centralized Data: Store all lease-related data in a single platform, providing real-time visibility and easy access.

3. Improved Compliance: Ensure compliance with lease agreements and regulatory requirements through automated workflows and notifications.

4. Enhanced Reporting: Generate custom reports and dashboards to provide insights into lease performance and rent payments.

5. Scalability: Leverage Salesforce's scalable architecture to accommodate growing lease portfolios and business needs.

6. Integration: Integrate with other Salesforce applications, such as Sales Cloud and Service Cloud, to provide a unified view of customer interactions.

7. Customization: Utilize Salesforce's customization capabilities to tailor the lease management system to specific business needs.

Disadvantages of Lease Management :

1. Implementation Costs: High upfront costs associated with implementing a customized Salesforce application.
2. Complexity: Lease management processes can be complex, requiring significant configuration and customization.
3. User Adoption: Users may require training to effectively utilize the new system, which can impact adoption rates.
4. Data Migration: Migrating existing lease data to Salesforce can be time-consuming and prone to errors.
5. Integration Challenges: Integrating with other systems or applications can be complex and require additional resources.
6. Customization Limitations: Salesforce's customization capabilities may have limitations, requiring workarounds or compromises.
7. Ongoing Maintenance: Regular maintenance and updates are necessary to ensure the system remains effective and compliant with changing regulations.

Mitigating Disadvantages:

1. Thorough Planning: Carefully plan the implementation, considering complexity, data migration, and integration requirements.
2. User Training: Provide comprehensive user training to ensure adoption and effective utilization.
3. Ongoing Support: Ensure ongoing support and maintenance to address issues and keep the system up-to-date.

4. Regular Review: Regularly review the system's performance and make adjustments as needed to optimize its effectiveness.

7.CONCLUSION:

The Lease Management project in Salesforce is a comprehensive solution that streamlines lease-related processes, providing a centralized platform for managing lease agreements, rent payments, and lease terms. By leveraging Salesforce's capabilities, the project offers numerous benefits, including:

- Improved efficiency and productivity
- Enhanced visibility and reporting
- Better compliance and risk management
- Scalability and flexibility

While there are potential challenges and disadvantages, careful planning, user training, and ongoing support can mitigate these issues. Overall, the Lease Management project in Salesforce has the potential to transform lease management processes, enabling organizations to optimize their lease portfolios and improve business outcomes.

Key Takeaways:

- Lease Management in Salesforce offers a robust solution for managing lease agreements and related processes.
- The project requires careful planning, implementation, and ongoing support to ensure success.
- By leveraging Salesforce's capabilities, organizations can improve efficiency, visibility, and compliance in lease management.

Future Directions:

- Continuously monitor and evaluate the system's performance to identify areas for improvement.
- Explore opportunities to integrate the Lease Management system with other Salesforce applications and external systems.
- Stay up-to-date with changing regulations and industry best practices to ensure the system remains compliant and effective.

8. FUTURE SCOPE

In a Salesforce developer project, the future scope of Lease Management could include:

1. Custom App Development: Building custom Salesforce apps to manage leases, track rent payments, and automate lease-related processes.
2. Lightning Component Development: Creating Lightning components to provide a user-friendly interface for lease management, including dashboards, reports, and forms.
3. Integration with Other Salesforce Clouds: Integrating Lease Management with other Salesforce clouds, such as Sales Cloud, Service Cloud, and Marketing Cloud, to provide a unified view of customer interactions.
4. API Development: Developing APIs to integrate Lease Management with external systems, such as accounting software, property management systems, and payment gateways.
5. Automation and Workflow: Implementing automation and workflow rules to streamline lease-related processes, such as lease renewals, rent payments, and notices.
6. Data Analytics and Reporting: Developing custom reports and dashboards to provide insights into lease performance, rent payments, and customer behavior.
7. Mobile Optimization: Optimizing Lease Management for mobile devices, enabling users to access lease information, make payments, and submit requests on-the-go.
8. Security and Compliance: Ensuring the security and compliance of Lease Management, including data encryption, access controls, and audit trails.

Benefits:

1. Improved Efficiency: Automating lease-related processes and providing a unified view of customer interactions.
2. Enhanced Customer Experience: Providing a user-friendly interface and mobile optimization for lease management.
3. Better Decision-Making: Providing insights into lease performance and customer behavior through data analytics and reporting.
4. Increased Productivity: Streamlining lease-related processes and reducing manual errors.

Future Directions:

1. Artificial Intelligence (AI) and Machine Learning (ML): Integrating AI and ML to predict lease renewals, optimize rent, and identify potential disputes.
2. Internet of Things (IoT): Utilizing IoT devices to track property conditions and monitor energy consumption.
3. Blockchain: Implementing blockchain technology to secure lease agreements and ensure transparency.

By leveraging Salesforce's capabilities and exploring future directions, Lease Management can become a powerful tool for businesses to manage their leases and improve customer relationships.

GitHub : [SravyaGokada/-sales-force-Lease-ManagementPROJECT](https://github.com/SravyaGokada/-sales-force-Lease-ManagementPROJECT)

Project Demo Link: <https://youtu.be/at256klP1gE>

(or)

<https://youtu.be/at256klP1gE?si=tQcK1pfhqVGAgMuH>