

# Brainstorming Document

Date	3 August 2025
Team ID	LTVIP2025TMID30830
Project name	Lease management
Maximum Marks	

## Brainstorming Overview:

Here's a Brainstorming Document for your Lease Management Project, capturing the initial ideation, exploration of features, problem-solving approaches, and potential future enhancements. This can be included in your project report or presentation as part of the development planning phase.

### Project Goal

To design and implement a Salesforce-based system to streamline property lease operations, automate workflows, and centralize data for tenants, leases, and payments.

---

### Initial Ideas Explored

Area	Brainstormed Concepts
Lease Management	Use custom Salesforce objects for Property, Tenant, Lease, and Payment
Data Accuracy	Implement validation rules to prevent incorrect or incomplete entries
Automation	Use Apex triggers, scheduled jobs, and flows to automate rent reminders and approvals
Communication	Create email templates for lease approvals, rejections, rent due reminders
Role-based Access	Separate roles for admins, managers, and standard users
Reporting	Design dashboards to show occupancy, revenue, payment status, and lease status
UI/UX	Develop a Lightning App with tab-based navigation and a simple, clean layout

---

### Problem Statements Identified

1. Manual lease tracking leads to missed deadlines and payment delays.

# Brainstorming Document

2. No centralized place to view or update property and tenant data.
3. Lack of validation allows for user errors (e.g., end date before start date).
4. No automatic rent reminders or approval notifications.
5. No direct tenant access for submitting requests or tracking payments.

---

## Proposed Solutions

- **Custom Data Model:** Design Salesforce objects with defined relationships.
- **Validation Rules:** Prevent common data entry errors.
- **Automation with Apex & Flows:** Automate repetitive processes (e.g., rent reminders).
- **Approval Processes:** Ensure lease requests are reviewed and authorized.
- **Dashboards:** Provide real-time insights for managers.
- **Future Expansion Ideas:** Mobile version, tenant self-service portal, payment gateway integration.

---

## Feature Prioritization (MoSCoW Method)

Priority	Features
Must Have	Custom Objects, Validation Rules, Approval Process, Lightning App UI
Should Have	Email Notifications, Scheduled Rent Reminders
Could Have	Dashboards, Reports, Payment Summary
Won't Have (for now)	Mobile App, Payment Gateway Integration, Tenant Portal

---

## Innovation Ideas for Future Releases

- Integrate with WhatsApp/SMS APIs for multi-channel alerts
  - Use Salesforce Einstein AI for lease renewal predictions
  - Build an Experience Cloud site for tenants
  - Generate e-signable documents with Conga Composer or DocuSign
-

# Brainstorming Document

## Final Thoughts

This brainstorming session served as a foundation for building a focused, scalable, and user-friendly lease management system. It guided the technical and logical choices made during development and will continue to inspire iterative improvements in future phases.

---

## Conclusion:

The brainstorming phase of the Lease Management Project played a crucial role in shaping the foundation of the application. Through collaborative ideation, critical problem identification, and solution planning, the team was able to define clear objectives and prioritize features based on real-world needs.