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| **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.
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

**✅ 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:Bottom of Form**

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.