

Requirement Analysis

Data Flow Diagram (DFD)

Date	02 November 2025
Team ID	NM2025TMID04536
Project Name	Lease Management
Maximum Marks	3 Marks

Data Flow Diagram (DFD)

Level 0 – Context Diagram:

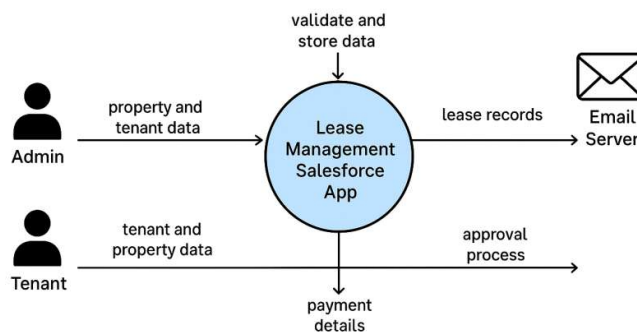
- **Users:** Admin, Tenant
- **System:** Lease Management Salesforce App
- **External Entities:** Email Server (for notifications)

Data Flow:

1. Admin enters property and tenant data into Salesforce.
2. System validates and stores data in the respective custom objects.
3. Lease records are created linking tenant and property.
4. Payment details are recorded and notifications are triggered via email.
5. Approval process initiated for vacancy checks or renewals.
6. Reports generated for management overview.

Data Flow Diagram (DFD)

Level 0 – Context Diagram:

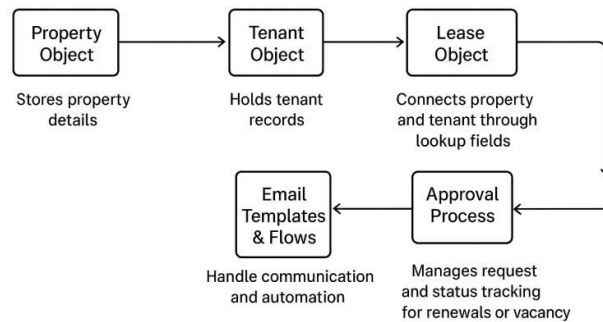


Level 1 – Detailed Flow:

- **Property Object** → Stores property details.
- **Tenant Object** → Holds tenant records.
- **Lease Object** → Connects property and tenant through lookup fields.
- **Payment Object** → Tracks payments and schedules automated reminders.
- **Email Templates & Flows** → Handle communication and automation.
- **Approval Process** → Manages request and status tracking for renewals or vacancy.

Data Flow Diagram (DFD)

Level 1 – Detailed Flow



This ensures smooth flow of data among modules while maintaining consistency and automation.