

Project Design Phase -II

Data Flow Diagram and User Stories

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Team Id	NM2025TMID03188
Project Name	Lease Management

Data Flow Diagrams :

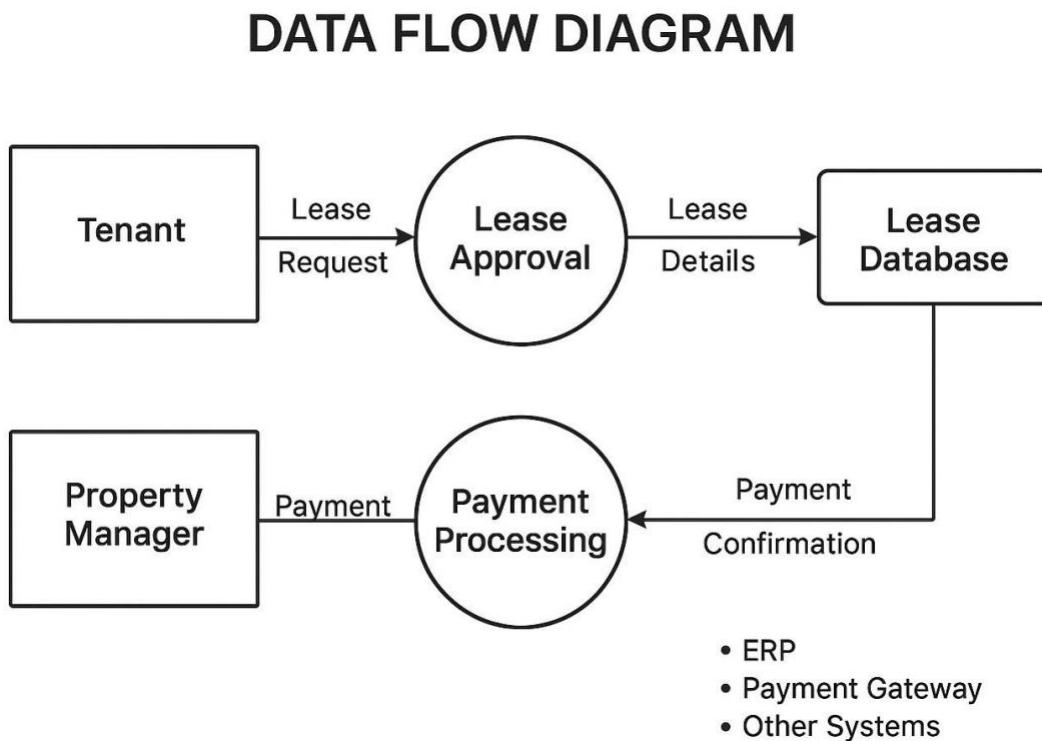
The **Data Flow Diagram (DFD)** for the Lease Management Project shows how information moves between users, processes, and data storage within the Salesforce system. Tenants submit lease or renewal requests, which go through the **Lease Approval Process** to verify and store details in the **Lease Database**.

Property managers then access these records to track leases and manage rent payments. The **Payment Processing** system records transactions, updates the database, and sends confirmations to both tenants and managers. Finally, **Reports and Dashboards** use this data to display real-time insights on lease status, payments, and renewals.

The system also integrates with external platforms like ERP and payment gateways for secure and automated financial operations.

Example :

Flow



User Stories :

User Story No.	User Title	Functional Requirement	User Story / Task	Acceptance Criteria	Priority	Release
US01	Tenant	Submit Lease Request	As a tenant, I want to submit a lease request online so that I can easily apply for a property.	Tenant can successfully submit the lease form and receive confirmation.	High	Release 1.0
US02	Property Manager	Approve Lease	As a manager, I want to review and approve lease requests so that only valid leases are processed.	Manager can approve or reject requests, and system updates lease status.	High	Release 1.0
US03	Tenant	Make Payment	As a tenant, I want to pay my rent securely online so that my lease remains active.	Payment is processed successfully, and confirmation is recorded in the system.	Medium	Release 1.1