

ProjectDesignPhase-II

DataFlowDiagramandUserStories

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TeamId	NM2025TMID05044
ProjectName	LeaseManagement

DataFlowDiagrams:

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

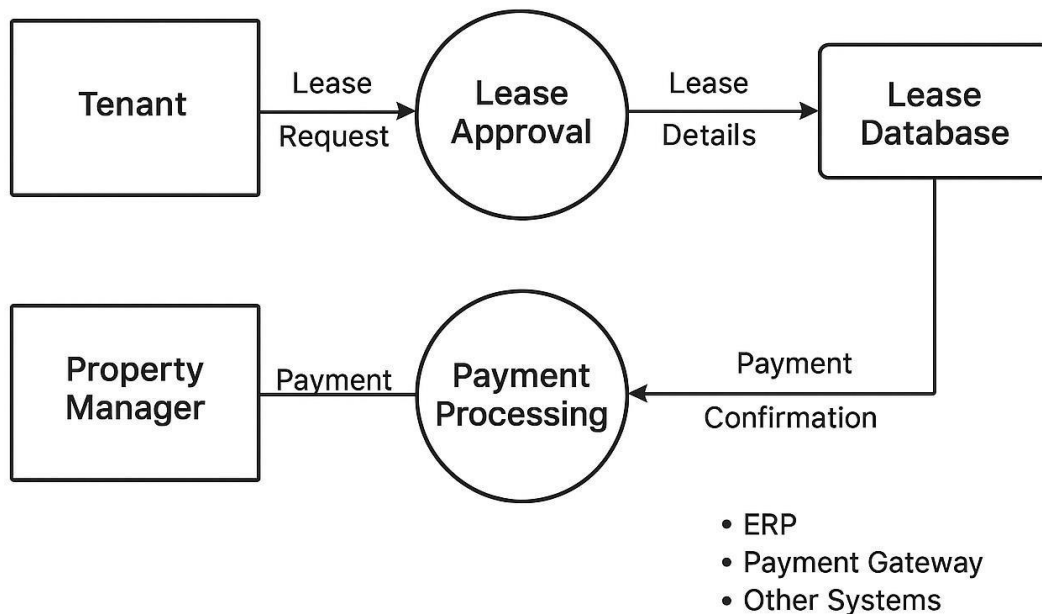
Property manager then access these records to track leases and manage rent payments. The **Payment Processing** system records transactions, updates the database, and sends confirmation to both tenants and managers. Finally, **Reports and Dashboards** use this data to display real-time insights on lease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

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

Example:

Flow

DATA FLOW DIAGRAM



UserStories:

UserStory No.	User Title	Functional Requirement	UserStory/ 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