Project Design Phase

Proposed Solution

Date	02 November 2025
Team ID	NM2025TMID04966
Project Name	Lease Management
Maximum Marks	2 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is used to represent the flow of information within the Lease Management System.
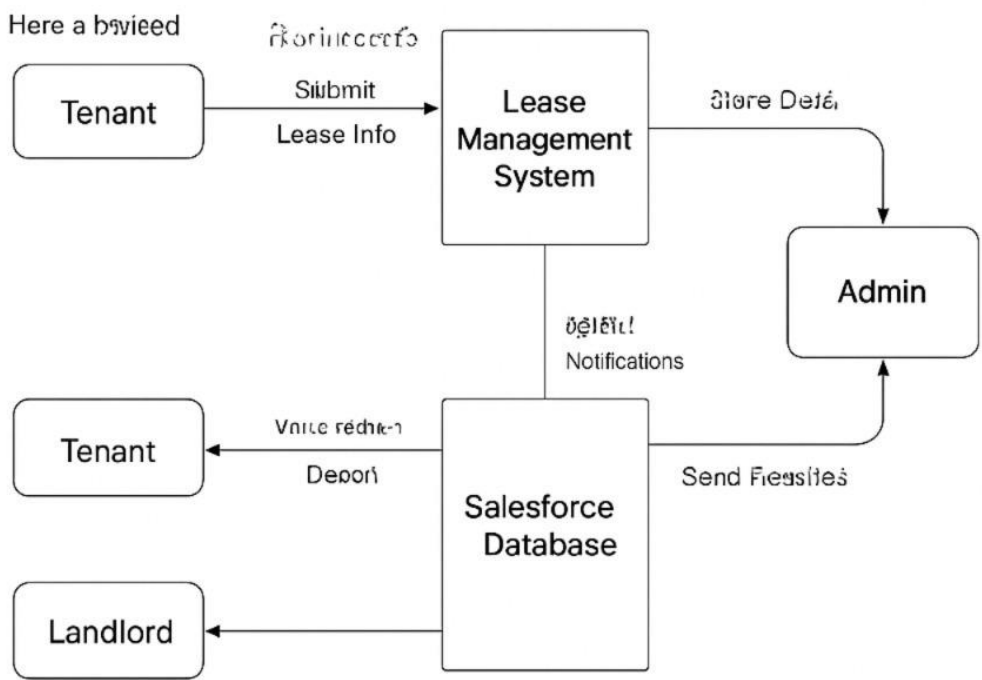
It visually shows how lease-related data is entered, processed, and stored within Salesforce.

In this Salesforce-based Lease Management System, the DFD depicts how landlords, tenants, and admins interact with the system.

When a lease is created or renewed, data flows through validation layers, automation rules, and storage in Salesforce's cloud database.

The system also generates alerts for upcoming renewals, overdue payments, and lease expirations — ensuring transparency and timely actions.

Example Data Flow Explanation:

User Stories:

User stories define how each user interacts with the Lease Management System in Salesforce, ensuring clear functional requirements.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Admin	Lease Management	LSM-1	As an admin, I want to view all active leases and renewal statuses on a dashboard.	Dashboard displays all active leases and expiry dates.	High	Sprint-1
Tenant	Lease Renewal	LSM-2	As a tenant, I want to get automatic reminders before my lease expires.	System sends notification 30 days before expiry.	High	Sprint-1
Landlord	Payment Tracking	LSM-3	As a landlord, I want to view all payment details related to each tenant lease.	Payments linked and viewable under each lease record.	Medium	Sprint-2