DATA FLOW DIAGRAMS & USER STORIES

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Project Name	Lease Management

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a visual representation that shows how data flows through a system — from input to processing to output.

It helps you understand:

- Where data comes from
- Where it goes
- How it is processed or stored

Example:
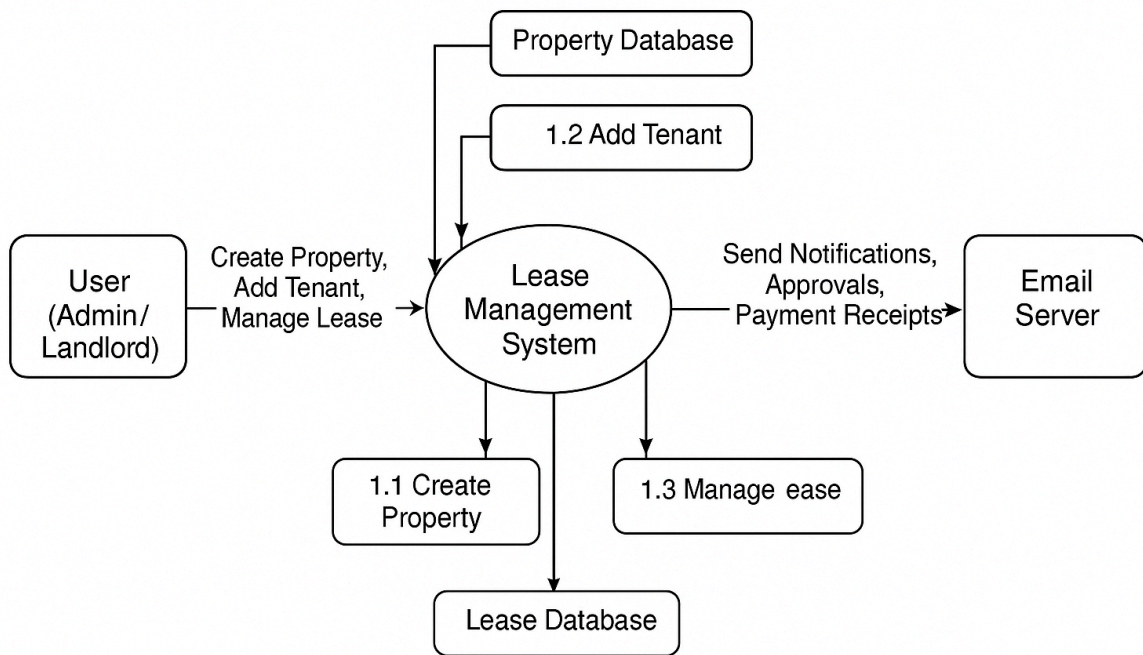
Let's say you want to submit a rent payment.

DFD Explanation:

1. Tenant (external entity) submits payment.
2. It goes to a Payment Process (process).
3. Payment is stored in Payment Data Store (data store).
4. A Confirmation Email is sent (data flow to email process).

Level 0 DFD (Context Diagram):

Level 1 DFD – Lease Management System Breakdown:

User Stories:

User Stories – Lease Management Project

ID	As a (Role)	I want to	So that I can	So that I can
US1	Admin	Admin	Create a new prop	List properties available for leasing
US2	Admin	Admin	Add tenant details	Maintain tenant records
US4	Tenant	Tenant	Create a lease with start and end dates	Track lease periods for properties
US5	Tenant	Tenant	Receive confirmatio email after payment	Know that my payment was success-