Project Design Phase-II
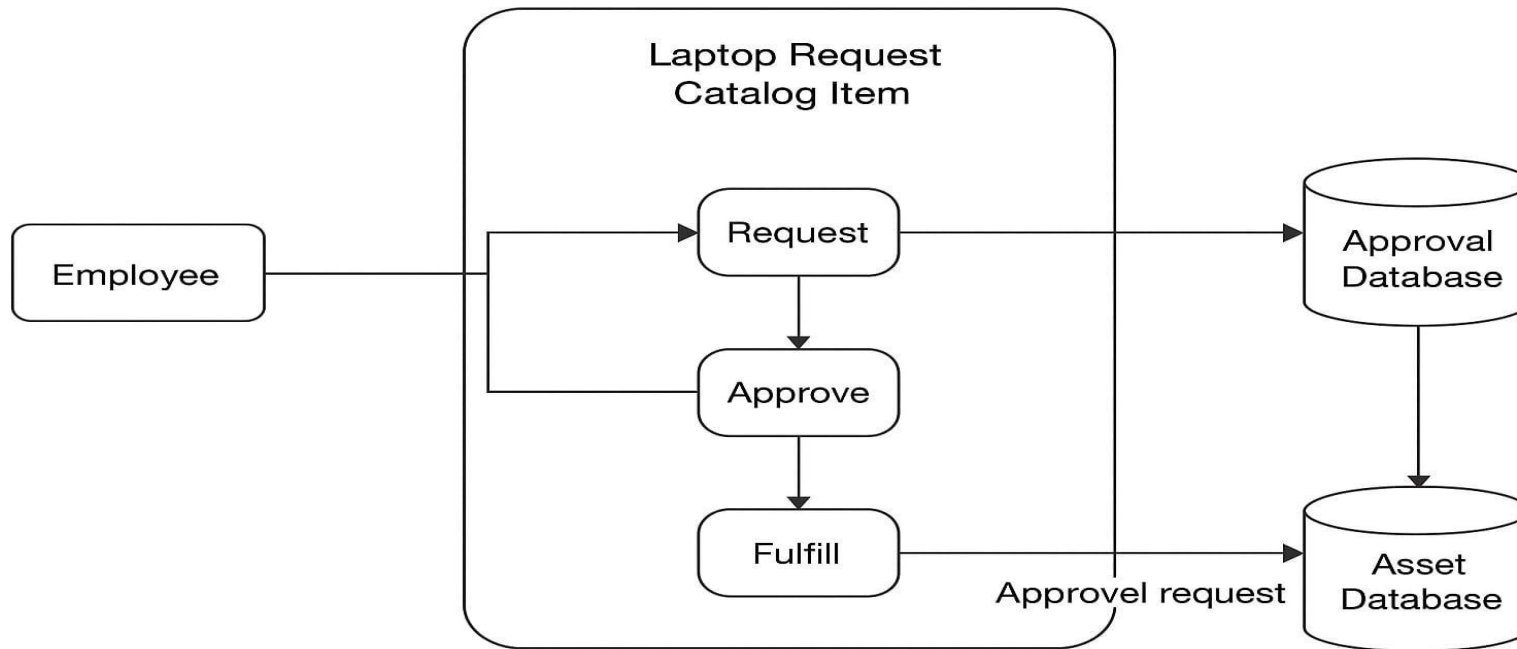# Data Flow Diagram & User Stories

Date	2 November 2025
Team ID	NM2025TMID01266
Project	Laptop Request Catalog Item
Maximum Marks	4 Mark

Data Flow Diagram:

A Data Flow Diagram (DFD) for the Laptop Request Catalog Item represents the movement of data between different components, users, and systems involved in the laptop request process. It visually shows how information flows from the employee submitting the request to the approval system, IT fulfillment team, asset management, and notification services.The DFD illustrates key processes such as request submission, approval, fulfillment, asset updating, and user notification, along with the associated data stores like inventory databases and asset records. It helps in understanding system interactions, data dependencies, and the overall workflow of the catalog item in a clear and structured way.

Example:

User Stories:

User stories for the Laptop Request Catalog Item describe the specific needs, goals, and expectations of different users involved in the laptop request process. Each story captures what the user wants to achieve, why it is important, and how the system should respond

User Type	Function Requirment (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority Release
Employee / End User	Submit Laptop Request	USN-1	As an employee, I want to request a laptop through a catalog item by selecting laptop type, justification, and location.	User can submit request with required fields	
System validates inputs and creates a request ticke	High	Sprint-1			
Manager	Approval Workflow	USN-2	As a manager, I want to receive an approval request for my team member's laptop request so that I can approve or reject it. -	Manager receives approval task	