Project Design Phase-II

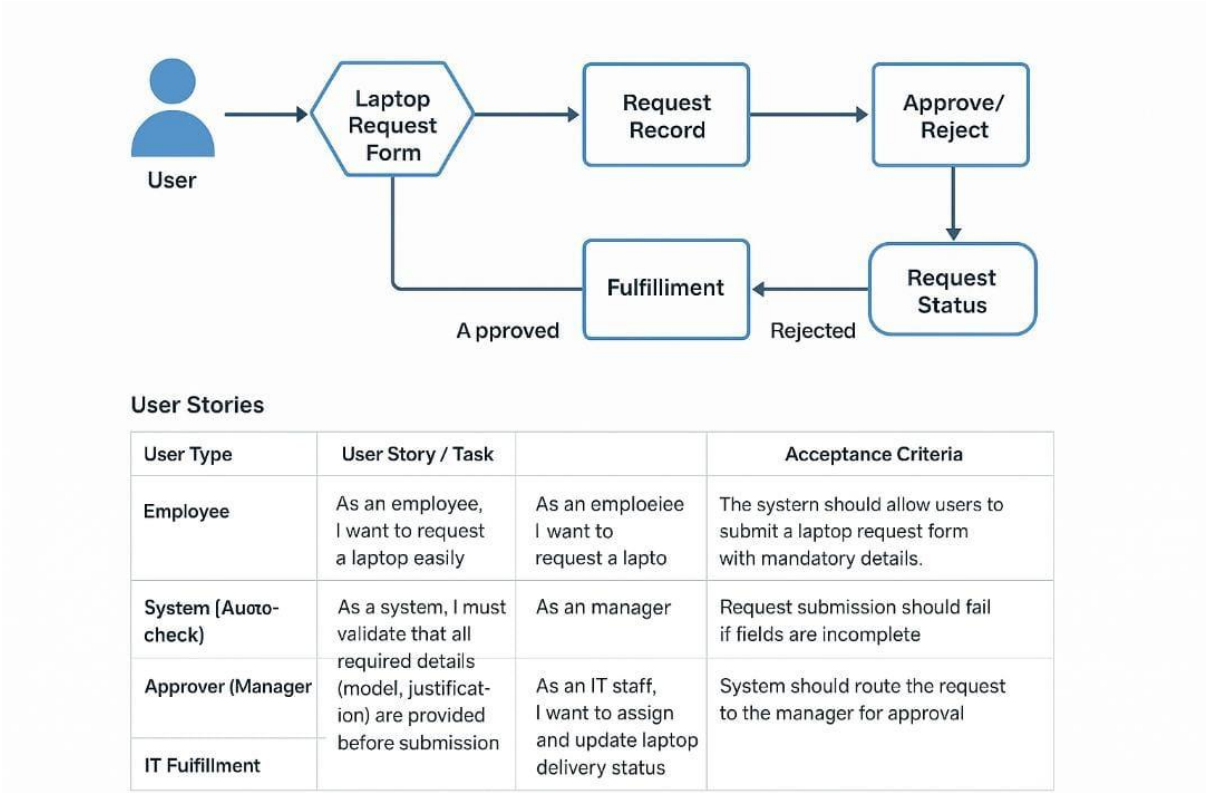
Data Flow Diagram & User Stories

Date	02 NOVEMBER 2025
Team ID	NM2025TMID01366
Project Name	Laptop Request Catalog Item
Maximum Mark	4 Marks

Data Flow Diagram

A Data Flow Diagram (DFD) visually represents how data flows through the "Laptop Request Catalog Item" system. It shows how the user request is captured, processed, approved, and fulfilled.

This system enables employees to request laptops easily through the Service Catalog, routes the request for manager approval, and updates the request status dynamically.



User Stories

User Type	User Story / Task		Acceptance Criteria
Employee	As an employee, I want to request a laptop easily	As an emploeiee I want to request a lapto	The systern should allow users to submit a laptop request form with mandatory details.
System (Auoto-check)	As a system, I must validate that all required details (model, justificat-ion) are provided before submission	As an manager	Request submission should fail if fields are incomplete
Approver (Manager		As an IT staff, I want to assign and update laptop delivery status	System should route the request to the manager for approval
IT Fuifillment			

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Employee	Laptop Request Submission	USN-1	As an employee, I want to request a laptop easily from the catalog so I can start my work quickly.	The system should allow users to submit a laptop request form with mandatory details.	High	Sprint-1
System (Auto-check)	Request Validation	USN-2	As a system, I must validate that all required details (model, justification) are provided before submission.	Request submission should fail if fields are incomplete.	High	Sprint-1
Approver (Manager)	Approval Process	USN-3	As a manager, I want to review and approve/reject laptop requests from employees.	System should route the request to the manager for approval.	Medium	Sprint-2
IT Fulfillment	Asset Assignment	USN-4	As an IT staff, I want to assign and update laptop delivery status.	The request status must change to “Completed” once delivered.	Medium	Sprint-2