

## Project Design Phase-II

### Data Flow Diagram & User Stories

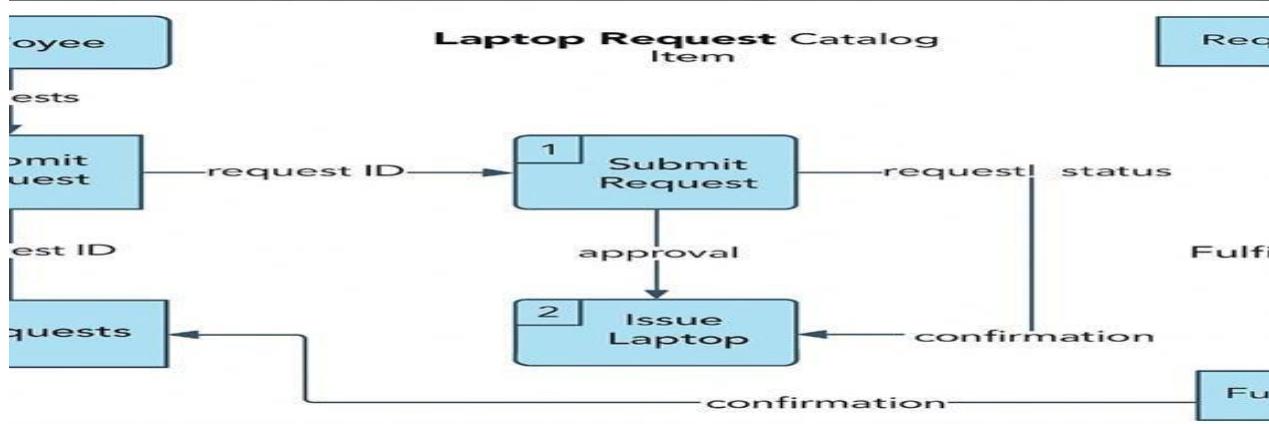
Date	7 November 2025
Team ID	NM2025TMID09128
Project Name	Laptop Request Catalog Item
Maximum Marks	4 Marks

#### Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

In the project "Prevent User Deletion if Assigned to an Incident", Data Flow Diagrams (DFDs) illustrate how user deletion requests are processed within the system. The DFD shows the interaction between the admin, the system, and the incident database to validate whether a user is assigned to any active incidents. If the user is linked to an incident, the system blocks the deletion request to maintain data integrity and accountability.

#### Example:



**User Stories:**

User stories define what different users need from the system in simple, goal-focused language. In this project, they help ensure the system blocks user deletion only when necessary, protecting incident data.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Employee	Catalog Request Creation	USN-1	As an employee, I want to submit a laptop request through the catalog so that I can get a system for work.	The system should allow employees to submit requests with necessary details like Laptop Type, Purpose, and Justification.	High	Sprint-1
IT Fulfillment Team	Laptop Allocation	USN-2	As an IT fulfillment member, I want to receive approved requests so that I can assign and deliver laptops efficiently.	Approved requests should automatically appear in IT Fulfillment's queue for processing.	High	Sprint-1
Administrator	Reporting and Audit Logs	USN-3	As an admin, I want to view reports and audit logs for all laptop requests.	The system should generate reports on request history, approval flow, and completion.	Medium	Sprint-2