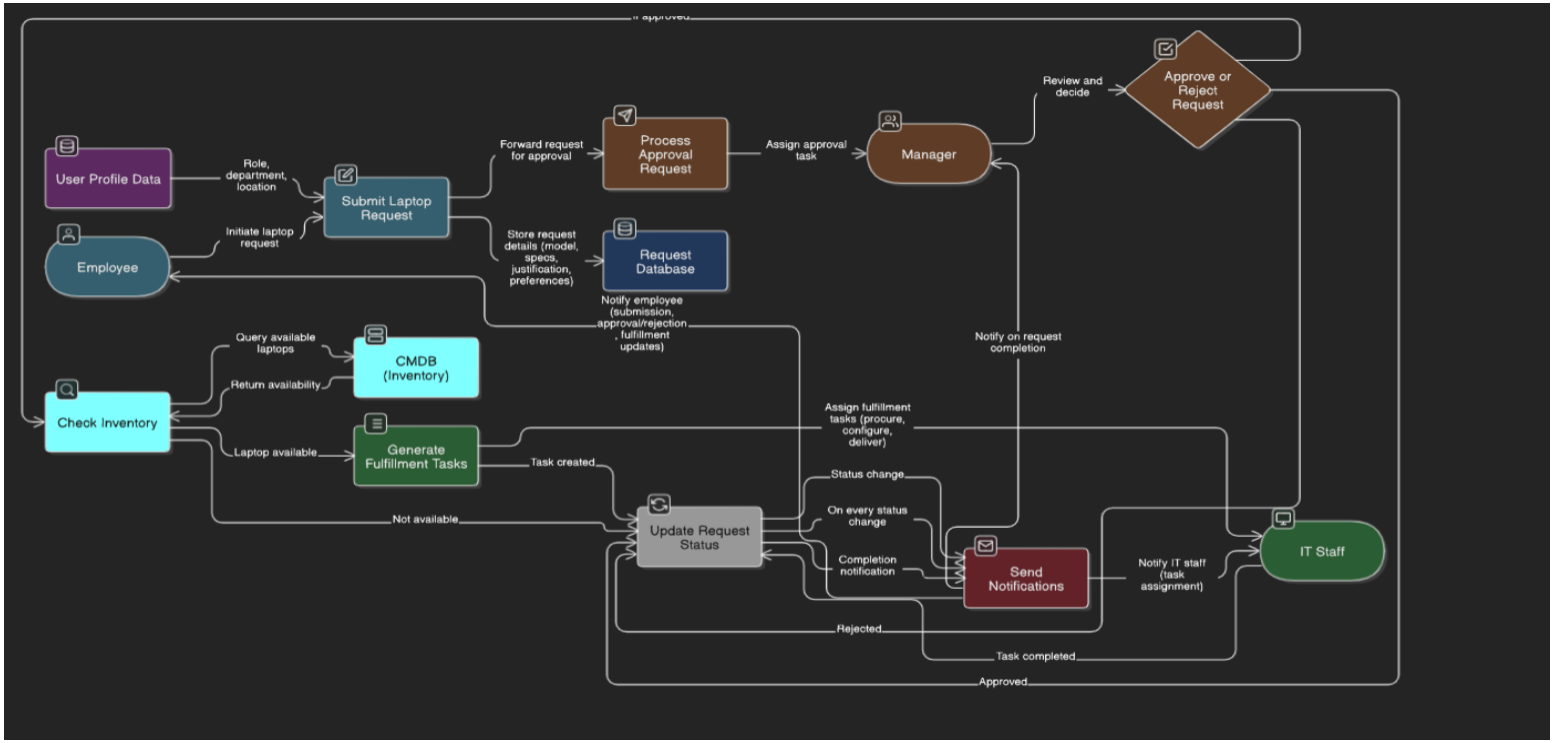
Project Design Phase-II
Data Flow Diagram & User Stories

Date	01 November 2025
Team ID	NM2025TMID03271
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.



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Employee	Laptop Request Form	USN-1	As an employee, I can access a laptop request form in ServiceNow with guided fields.	1. Form is accessible. 2. Fields are highlighted based on role. 3. Form has a clear instruction for submission.	High	Sprint-1
Employee	Laptop Request Form	USN-2	As an employee, I see role-based laptop recommendations based on my job title.	1. Form is accessible. 2. Fields are highlighted based on role. 3. Form has a clear instruction for submission.	High	Sprint-1
Employee	Form Dynamics	USN-3	As an employee, I see dynamic fields that change based on my selections (via UI Policies).	1. Form fields show/hide depending on selections (e.g., RAM options based on model). 2. Form adjusts for user's laptop preference.	Medium	Sprint-1
Employee	Form Functionality	USN-4	As an employee, I can reset the form to correct errors before submission.	1. Form fields reset to their default state. 2. No data loss from inaccuracies.	Medium	Sprint-1
Manager	Login	USN-5	As a manager, I can approve or reject laptop requests with comments.	1. Email notifications sent to the approver and the requestor. 2. Approval logs are generated. 3. Manager can provide reasons for approval/rejection.	High	Sprint-1
Employee	Form Dynamics	USN-3	**Important:** This is to be revisited based on UI Policies specifics.	1. Email notifications sent to the approver and the requestor. 2. Approval logs are generated. 3. Manager can provide reasons for approval/rejection.	Medium	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
IT Staff	Status Tracking	USN-6	As an employee, I can see the real-time status of my laptop request.	1. Each request shows its status (e.g., "Pending Approval"). 2. Real-time updates are displayed on the dashboard.	Medium	Sprint-3
IT Staff	Integration	USN-7	As IT staff, I can see laptop availability from CMDB during request processing	1. IT can see available models through IT's dashboard. 2. CMDB integrates seamlessly.	Low	Sprint-3
Employee	Notifications	USN-8	As an employee, I receive email updates on request approval or rejection.	1. Email notifications are sent immediately after approval/rejection. 2. Notifications include the status	High	Sprint-2