

DATA FLOW DIAGRAM

TEAM ID	LTVIP2025TMID30733
PROJECT NAME	Asset Management Portal

A **Data Flow Diagram (DFD)** visually represents how data moves within the Asset Management Portal. It depicts the relationship between users, processes, and data stores. The DFD simplifies understanding of the internal workflow for requesting, assigning, and managing assets.

Use of DFD in the Portal:

- Shows how employees initiate asset requests
- Illustrates approval routing to managers
- Displays how data updates the inventory database
- Reflects how scheduled jobs (e.g., maintenance reminders) are triggered

Benefits of DFD:

- Improves system design by clarifying inputs, processes, and outputs
- Helps identify data bottlenecks and workflow inefficiencies
- Enhances communication between development and non-technical stakeholders

