Project Design Phase-II
Data Flow Diagram & User Stories
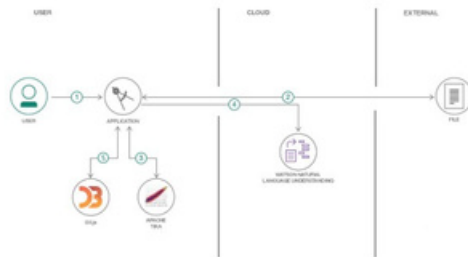
Date	28 June 2025
Team ID	LTVIP2025TMID49496
Project Name	LearnHub: Your Centre for Skill Enhancement
Maximum Marks	4 Marks

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.
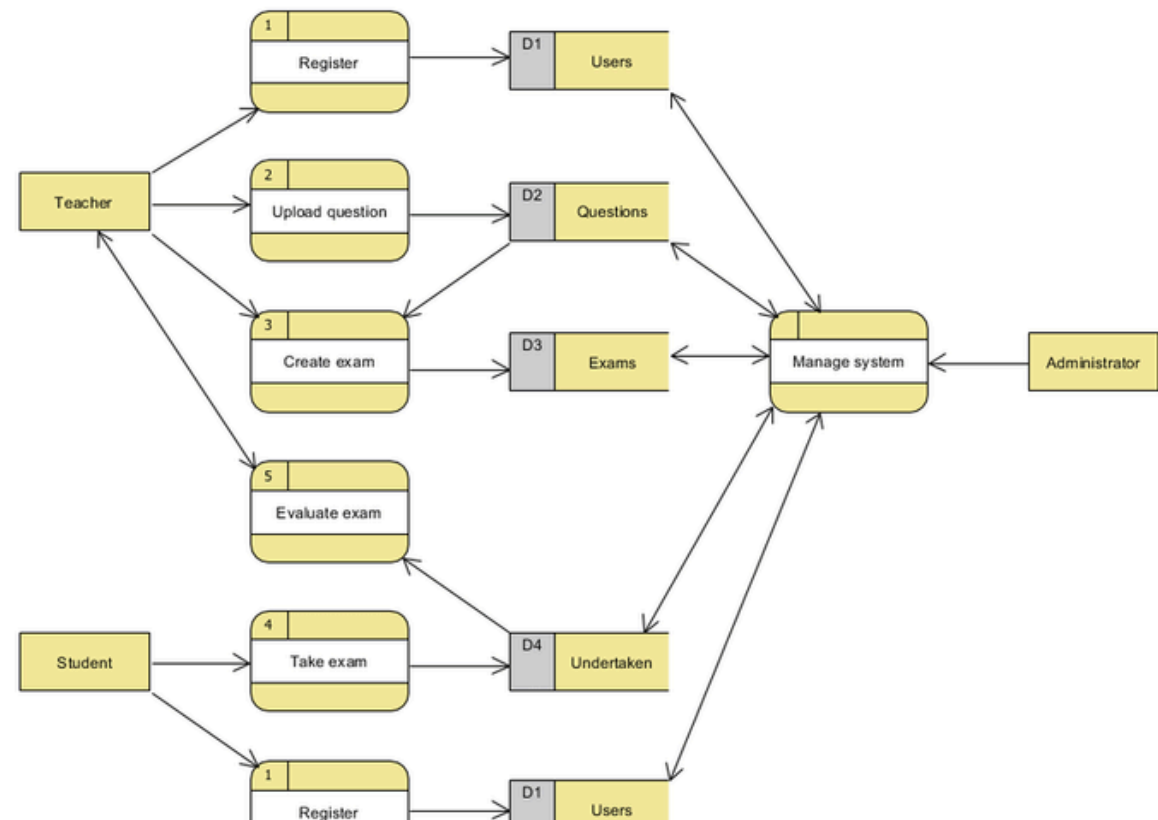
Example: (Simplified)

Example: DFD Level 0 (Industry Standard)

Flow

1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

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
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard after registration	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can login and access dashboard via Gmail	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access the dashboard on correct credentials I can interact with dashboard functionalities	High	Sprint-1
	Dashboard	USN-6	As a user, I can view available courses, progress, and notifications	I can browse and enroll in available courses	High	Sprint-2
Customer (Web user)	Course Enrollment	USW-1	As a web user I can browse and enroll in available courses	I can send resolved replies and track issue status	High	Sprint-2
Customer Care Executive	Query Handling	USCC-1	As an executive, I can view and respond to user queries through the portal		Medium	Sprint-3
Administrator	User Management	USA-1	As an admin, I can view, delete or block users	I can control user access and account status	High	Sprint-3
Payment	Payment	USW-2	As a web user, I can pay for a course using online payment methods	I receive payment confirmation and course access	High	Sprint-2
Course Upload		USA-2	As an admin, I can upload and update course materials	Updated materials are available to users	High	Sprint-2
Monitor System Logs		USA-3	As an admin, I can monitor activity logs for any anomalies	I can view recent activity and download logs	Medium	Sprint-4