Project Design Phase-II
Data Flow Diagram & User Stories
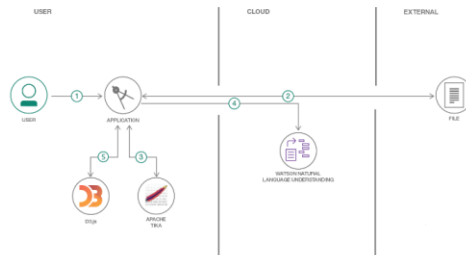
Date	22 June 2025
Team ID	LTVIP2025TMID56697
Project Name	LearnHub: Your Center for Skill Enhancemen
Maximum Marks	4 Marks

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.
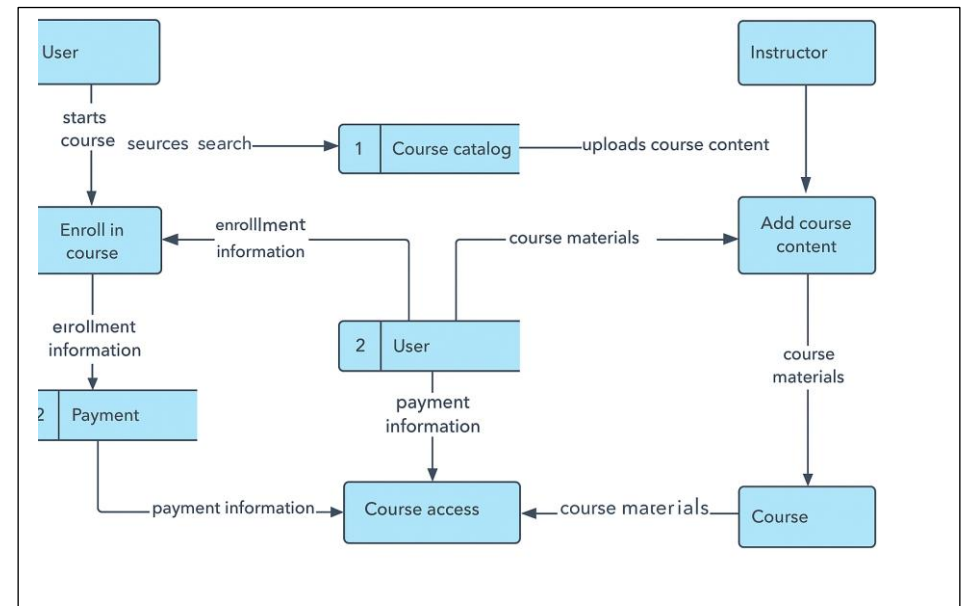
Example: (Simplified)

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.

Example: DFD Level 0 (Industry Standard)

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
Student (Web)	Registration	USN-1	As a student, I can register using email and password	I can access my student dashboard after successful registration	High	Sprint-1
		USN-2	As a student, I receive a confirmation email after registration	I get a confirmation email with activation link	High	Sprint-1
		USN-3	As a student, I can register using Google (Gmail)	I can register and access dashboard using Google authentication	Medium	Sprint-1
	Login	USN-4	As a student, I can login using email and password	I can access my dashboard after successful login	High	Sprint-1
	Dashboard	USN-5	As a student, I can view enrolled courses and certificates	I see my enrolled courses, progress, and certificates	High	Sprint-2
Teacher (Web)	Course Management	USN-6	As a teacher, I can create, edit, and delete courses	Courses appear for students after publishing	High	Sprint-2
	Dashboard	USN-7	As a teacher, I can monitor student progress and course stats	I see enrolled students, quiz stats, and course completions	Medium	Sprint-3
Admin (Web)	User Management	USN-8	As an admin, I can view, edit, or delete any user (student/teacher)	I can manage users from the admin panel	High	Sprint-3
	Course & Platform Monitoring	USN-9	As an admin, I can see platform analytics and course performance	I view charts on usage, active users, and popular courses	High	Sprint-4
	Admin Login	USN-10	As an admin, I can securely login and access admin-only features	Access granted only to admin credentials	High	Sprint-3