

Project Design Phase-II

Data Flow Diagram & User Stories

□

Date	26 June 2025
Team ID	LTVIP2025TMID59525
Project Name	Learn Hub
Maximum Marks	4 Marks

Data Flow Diagram (DFD) – Learn Hub Application

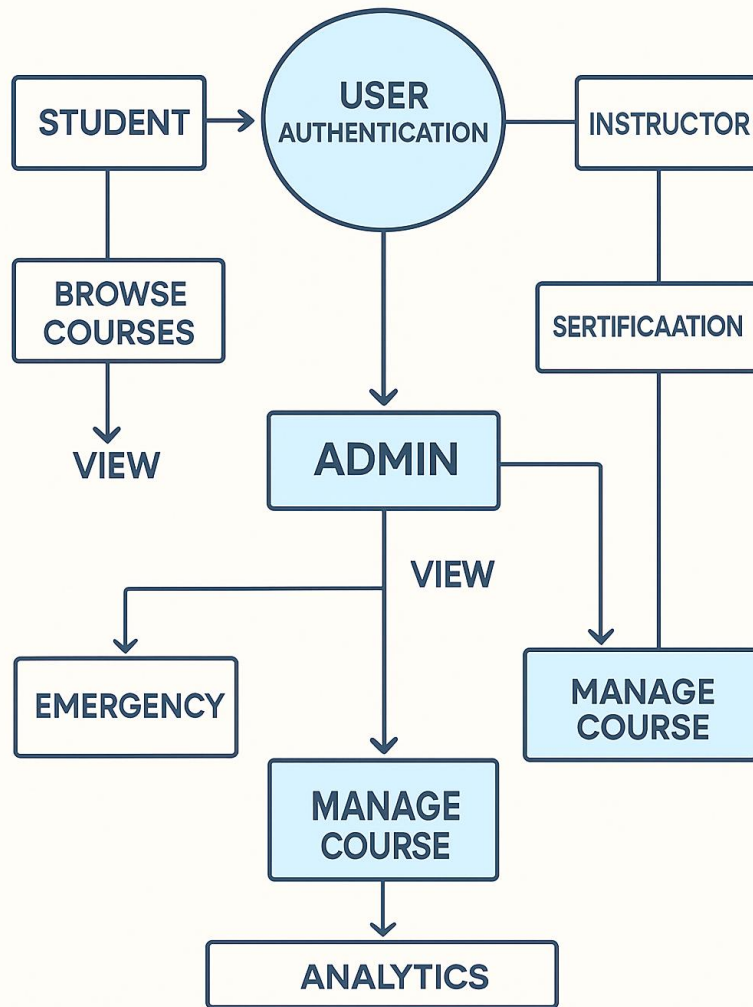
Purpose:

A Data Flow Diagram (DFD) is used to visually map out the flow of information within the Learn Hub application. It outlines how data moves between different entities (like students, instructors, and admins), the processes it goes through, and where it is stored.

Key Components of DFD:

- **External Entities:** Individuals or systems outside Learn Hub that interact with it (e.g., Students, Instructors, Admins).
- **Processes:** Actions performed by the system that convert inputs into outputs (e.g., User Login, Course Enrollment).
- **Data Stores:** Logical storage locations for information (e.g., User Database, Course Materials).
- **Data Flows:** Arrows showing the movement of data between entities, processes, and stores.

LEARN HUB



User Stories

User Story Table – Learn Hub

User Type	Functional Requirement (Epic)	User Story / Task	Acceptance Criteria	Priority	Release
Patient	Course Discovery	As a student, I can search for courses by category and name..	Search results return relevant courses.	High	Sprint-1
Student	Enrollment Management	As a student, I can enroll or unenroll in a course.	Enrolled courses are reflected on dashboard.	High	Sprint-1

Instructor	Course Creation	As an instructor, I can create and upload courses.	New course is visible under course list.	High	Sprint-1
Instructor	Content upload	As an instructor, I can add videos, documents, and quizzes to courses.	content visible and accessible by students.	Medium	Sprint-2
Student / Instructor	Messaging	As a user, I can chat with the instructor or student in real-time.	Messages appear instantly and are saved.	Medium	Sprint-2
Admin	Content Moderation	As an admin, I can review and remove inappropriate course content.	Changes reflected and logged in moderation history.	Medium	Sprint-2
Admin	User Management	As an admin, I can add, block, or remove users from the platform..	User changes take effect immediately.	High	Sprint-2
Instructor	Enrollment Insights	As an instructor, I can view student enrollments for my courses.	Dashboard displays total and current enrollments.	Medium	Sprint-2

