Project Design Phase-II

Data Flow Diagram & User Stories

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Team ID	LTVIP2025TMID20425
Project Name	LearnHub: Your Center for Skill Enhancement
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Maximum Marks	4 Marks

Data Flow Diagram (DFD)

A **Data Flow Diagram (DFD)** visually represents how **information flows within LearnHub**. It helps stakeholders understand **how data enters the system, how it's processed, transformed, and stored**, and how it interacts with external entities such as users (students, instructors, and admins).

Example: Level 0 for LearnHub
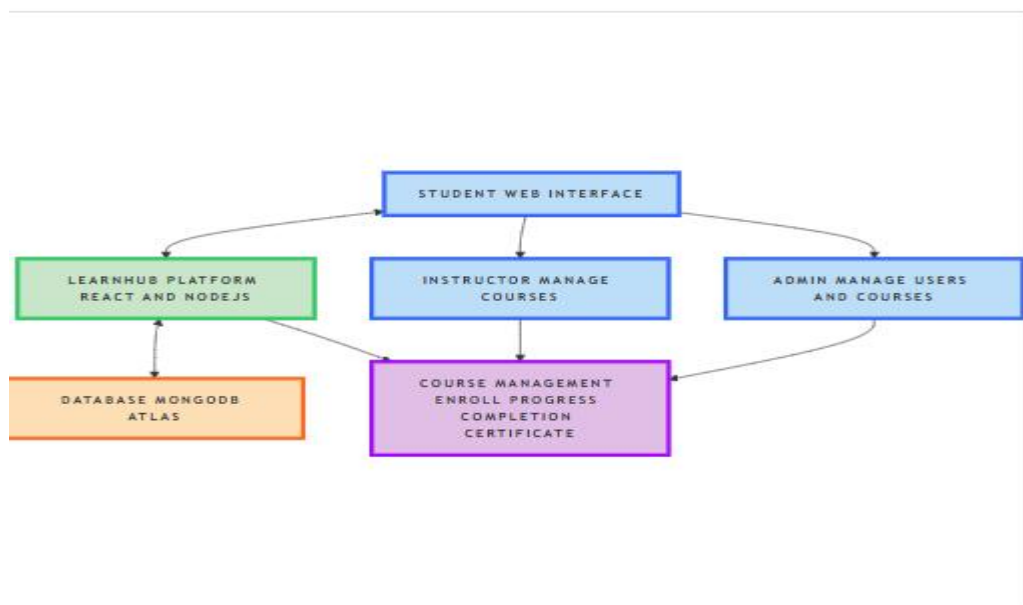
Description:

- **Students** register, log in, and browse available courses.
- Upon **enrollment**, course data is fetched and progress is tracked.
- After course completion, the system generates a **certificate**.
- **Instructors** can create, edit, and manage course content.

- **Admins** manage users, courses, and oversee overall platform performance.

User Stories for LearnHub

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 by entering my name, email, and password.	I can access my dashboard after registration.	High	Sprint-1
Student (Web)	Registration Confirmation	USN-2	As a student, I receive a confirmation email after registering.	I can confirm my email and activate the account.	High	Sprint-1
Student (Web)	Login	USN-3	As a student, I can log in using my email and password.	I am redirected to my personalized dashboard.	High	Sprint-1
Student (Web)	Course Browsing & Search	USN-4	As a student, I can search or browse courses by category.	I see relevant courses with filters.	High	Sprint-1
Student (Web)	Course Enrollment & Access	USN-5	As a student, I can enroll in a course and access the content.	I can view full content and track progress.	High	Sprint-2
Student (Web)	Course Completion & Certificate	USN-6	As a student, I can download a certificate after completing a course.	I receive a PDF certificate with my name and course title.	High	Sprint-3
Instructor	Course Management	USN-7	As an instructor, I can create, update, or delete courses.	Courses are reflected on the student side.	High	Sprint-2
Admin	Admin Dashboard & User Management	USN-8	As an admin, I can manage users, instructors, and monitor platform usage.	Admin can view, update, or delete user/course data.	High	Sprint-3