Project Design Phase-II
Data Flow Diagram & User Stories

Date	16 June 2025
Team ID	LTVIP2025TMID59712
Project Name	LearnHub: Your Center for Skill Enhancement
Maximum Marks	4 Marks

Data Flow Diagrams:

DFD illustrates how information flows within LearnHub, showing entities like students, instructors, and admins interacting through processes such as course enrollment, content upload, and progress tracking. It visualizes data moving between processes, data stores (like user profiles, courses, certificates), and external entities (e.g., payment gateways or email service). This helps in understanding, designing, and analyzing LearnHub's functionality in a clear, logical way.

Online Learning Platform and course Management System
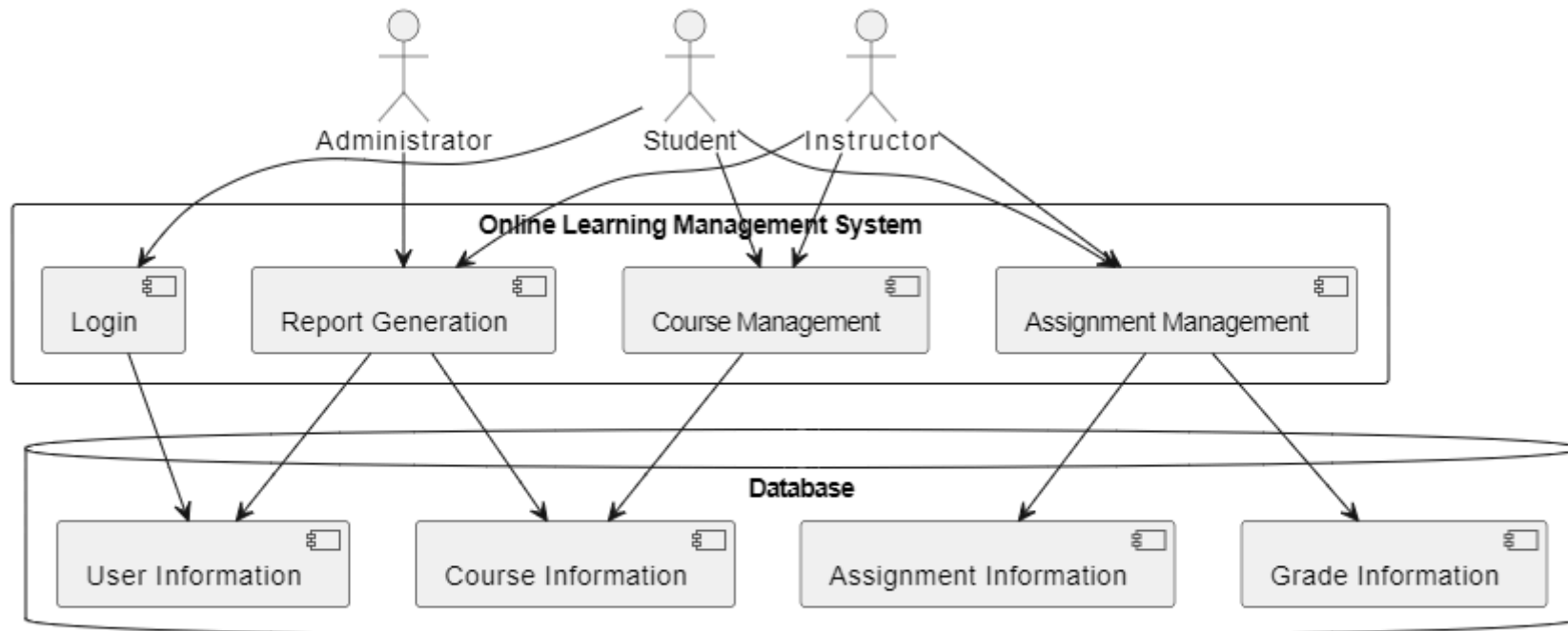
Zero Level DFD of Online learning management system

User Story Table for LearnHub:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release

Admin	User Management	A1	As an Admin, I want to add/edit/delete users to manage platform access.	Admin can successfully perform CRUD on users and see the updated list immediately.	High	Sprint-1
Instructor	Course Creation	I1	As an Instructor,I want to create new courses with video and text content.	Instructors can save course drafts, publish, and manage course modules.	High	Sprint-1
Student	Course Discovery & Enrollment	S1	As a Student,I want to browse,search, and enroll in available courses.	Courses load with filters, enroll button works, and course appears in user dashboard.	High	Sprint-2
Student	Quiz and Certification	S2	As a Student, I want to take quizzes and get a certificate after completion.	Quiz results are shown, certificate generated automatically on course completion.	High	Sprint-2
All Users	Authentication & Profile	G1	As a User, I want to register, login securely, and manage my profile.	Password validation, token-based login, profile update confirmation.	Medium	Sprint-2

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