Project Design Phase-II

Data Flow Diagram & User Stories

Date	20 February 2026
Team ID	LTVIP2026TMIDS70508
Project Name	Learn Hub : Your Center for Skill Enhancement
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a visual representation of the flow of information within the Learn Hub system. It shows how data enters and leaves the system, how it is processed, and where it is stored.

DFD Level 0 – Learn Hub

External Entities:

• Student (User)

• Administrator

• Payment Gateway

Main Processes:

1. User Authentication

2. Course Management

3. Enrollment & Payment Processing

4. Learning & Progress Tracking

5. Certificate Generation

Data Stores:

• User Database

• Course Database

• Enrollment Database

• Payment Records

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 User)	Registration	USN-1	As a user, I can register using email and password.	User can access dashboard after registration.	High	Sprint-1
Student	Login	USN-2	As a user, I can login using email and password.	User can access enrolled courses.	High	Sprint-1
Student	Course Enrollment	USN-3	As a user, I can enroll in a course.	User sees course in dashboard.	High	Sprint-2
Student	Progress Tracking	USN-4	As a user, I can track my course progress.	Progress percentage updates correctly.	High	Sprint-2
Student	Certificate	USN-5	As a user, I can download certificate after completion.	Certificate generated only after 100% completion.	High	Sprint-3
Administrator	Course Management	USN-6	As an admin, I can create and manage courses.	Courses appear in platform.	High	Sprint-1
Administrator	User Management	USN-7	As an admin, I can view and manage users.	Admin can activate/deactivate users.	Medium	Sprint-3