

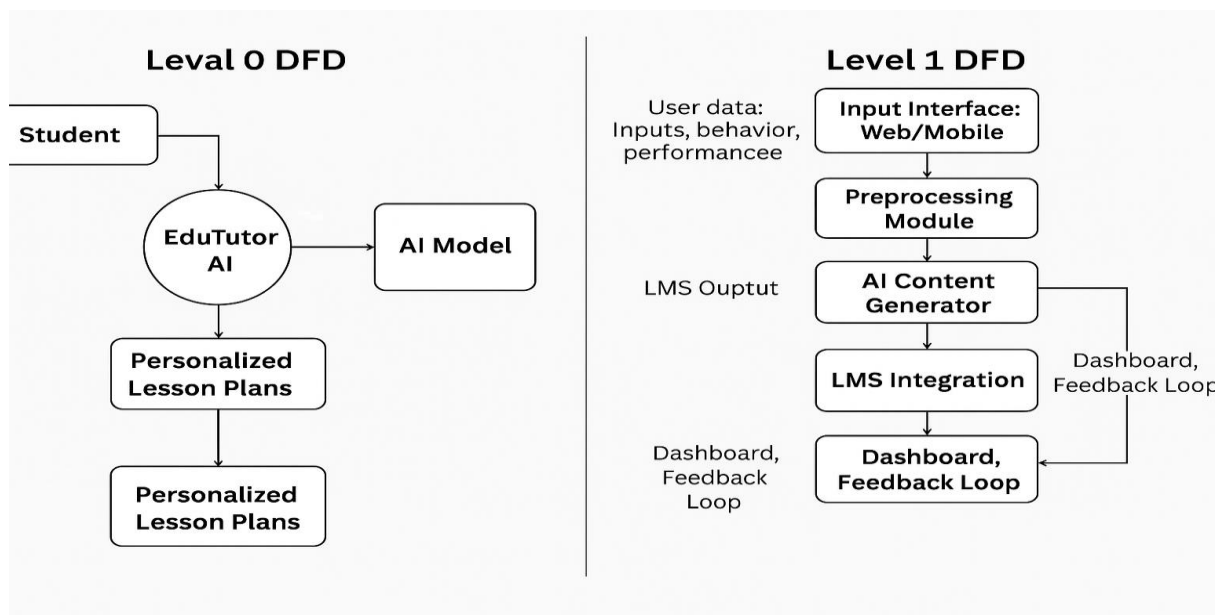
Project Design Phase-II

Data Flow Diagram & User Stories

Date	27 June 2025
Team ID	LTVIP2025TMID59564
Project Name	EduTutor AI: personalized learning with generative AI and lms integration
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.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Student (Web/Mobile)	Registration	USN-1	As a student, I can register using my email and password.	I can access my personalized dashboard after registration.	High	Sprint-1
Student (Web/Mobile)	Registration	USN-2	As a student, I receive a	I receive a confirmation email and can	High	Sprint-1

			verification email after signing up.	verify my account.		
Student (Web/Mobile)	Registration via Google	USN-3	As a student, I can sign up using my Google account.	I can sign up and access the dashboard using Google Login.	Medium	Sprint-2
Student (Web/Mobile)	Login	USN-4	As a student, I can log in using my registered email and password.	I am redirected to my personalized dashboard after login.	High	Sprint-1
Student (Web/Mobile)	Input Learning Preferences	USN-5	As a student, I can input my learning goals, pace, and topics of interest.	System adapts content and displays my learning path.	High	Sprint-2
Student (Web/Mobile)	Access Personalized Lessons	USN-6	As a student, I can view personalized lesson plans generated by AI.	Lesson plans are tailored based on my preferences and progress.	High	Sprint-2
Student (Web/Mobile)	Progress Tracking	USN-7	As a student, I can view my performance and progress dashboard.	I can see charts/feedback on my learning progress.	Medium	Sprint-3
Student (Web/Mobile)	Feedback on Lessons	USN-8	As a student, I can rate and comment on lesson usefulness.	I can provide feedback and it is stored for AI tuning.	Low	Sprint-4
Teacher / Admin	View Student Progress	USN-9	As a teacher, I can view dashboards showing student	I can see data visualizations and summaries per student.	Medium	Sprint-3

			learning progress.			
Teacher / Admin	Adjust Lesson Plan	USN-10	As a teacher, I can suggest manual changes to the AI-generated lesson plans.	I can override/edit lesson content for specific students.	Low	Sprint-4