

Project Design Phase
Solution Architecture

Date	26 JUNE 2025
Team ID	LTVIP2025TMID29388
Project Name	Edu-Tutor AI: Personalized Learning with Generative AI and LMS Integration
Maximum Marks	4 Marks

Solution Architecture: Edu-Tutor AI

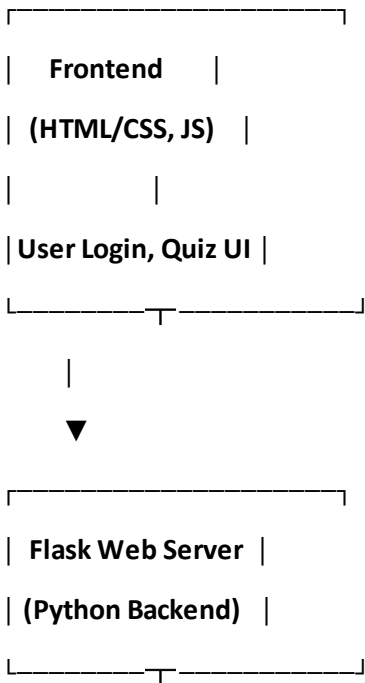
What is Solution Architecture?

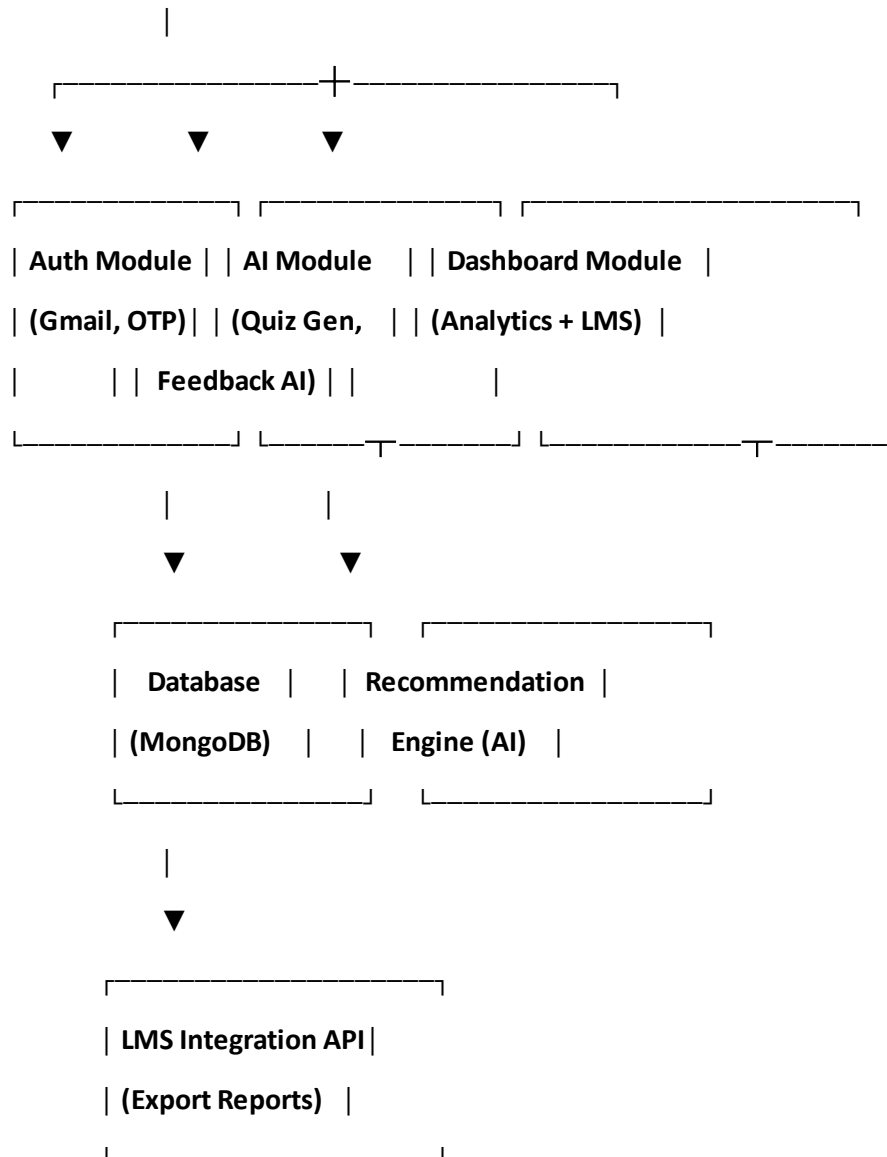
Solution architecture for Edu-Tutor AI defines the structure and technology stack used to solve the business problems in online education — specifically, personalization, tutor matching, and adaptive learning. It bridges your educational use case with a scalable, AI-powered technology solution.

Goals of Solution Architecture for Edu-Tutor AI:

- ✔ Identify the best combination of AI models, backend logic, and deployment technologies
- ✔ Describe the system behaviour, data flow, and user interaction to all stakeholders
- ✔ Define technical and non-functional requirements for implementation
- ✔ Guide the development phases through a clear architectural vision

Edu-Tutor AI – Architecture & Data Flow Diagram





Reference:

[Voice Patient Diary – AWS Architecture](#)

→ Adapted for Edu-Tutor AI to meet learning, recommendation, and deployment needs