

**Project Design Phase**  
**Proposed Solution Template**

Date	27 June 2025
Team ID	LTVIP2025TMID30306
Project Name	EduTutor AI: Personalized Learning with Generative AI and LMS Integration
Maximum Marks	2 Marks

**Proposed Solution Template:**

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Many students struggle to keep up with rigid classroom pacing, lack personalized feedback, and face difficulty accessing quality academic support outside class hours. Existing LMS platforms are limited in adaptability and do not offer AI-driven, real-time learning assistance.
2.	Idea / Solution description	EduTutor AI is an intelligent learning assistant that integrates with Learning Management Systems (LMS) to deliver personalized educational support using generative AI. It provides real-time tutoring, adaptive assessments, instant feedback, and content recommendations based on each student's performance and learning style.
3.	Novelty / Uniqueness	EduTutor AI leverages generative AI to create tailored explanations, interactive problem-solving, and adaptive quizzes. Unlike static e-learning tools, it evolves with the learner and seamlessly integrates into popular LMS platforms for ease of adoption by institutions.
4.	Social Impact / Customer Satisfaction	The solution improves student engagement, learning outcomes, and confidence—especially for underperforming or underserved learners. By offering affordable, 24/7 tutoring support, it reduces inequality in educational access and enhances satisfaction for both students and educators.
5.	Business Model (Revenue Model)	EduTutor AI follows a B2B and B2C hybrid model. Institutions can subscribe to the service per student or per classroom, while individual users can opt for a freemium model with premium features (advanced analytics, one-on-one sessions, certification pathways) offered via monthly plans.
6.	Scalability of the Solution	The platform is cloud-based and modular, enabling easy expansion across different institutions, educational boards, and

		geographies. With multilingual support and curriculum mapping, EduTutor AI can scale from K-12 to higher education globally.
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