

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

Date	27 June 2025
Team ID	LTVIP2025TMID30145
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)	Students from low-resource backgrounds struggle to access personalized academic support due to limited digital infrastructure, unavailability of tutors, and non-interactive learning resources.
2.	Idea / Solution description	EduTutor AI is a WhatsApp-based educational assistant that provides intelligent academic help in Science, Maths, and more using AI models, curated knowledge bases, and interactive problem-solving modules like MathSolver and Homework Analyzer.
3.	Novelty / Uniqueness	Unlike traditional apps, EduTutor AI works entirely over WhatsApp, making it accessible on basic smartphones with limited internet. It combines AI responses with structured academic content and step-by-step math solving using SymPy.
4.	Social Impact / Customer Satisfaction	Helps bridge the education gap for underserved students, improves learning outcomes, and reduces dependency on costly tuition or internet-heavy apps. Empowers self-paced learning anytime, anywhere.
5.	Business Model (Revenue Model)	Freemium model via NGOs or government partnerships for broad student access; premium content or progress reports offered to schools or parents on subscription.
6.	Scalability of the Solution	Easily scalable to new regions or languages; supports integration with more AI models or platforms beyond WhatsApp; deployable as a multilingual, low-bandwidth educational service globally.