

Project Design Phase
Proposed Solution

Date	26-June- 2025
Team ID	LTVIP2025TMID59533
Project Name	EduTutor AI: personalized learning with generative AI and lms integration
Maximum Marks	

Proposed Solution:

Project team will fill this information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	An intelligent system is needed to automate personalized quiz generation, evaluation, and LMS integration to enhance learning efficiency and reduce the manual effort of educators.
2.	Idea / Solution description	EduTutor is an AI-powered platform that auto-generates personalized quizzes, evaluates answers, and integrates with Google Classroom to enhance learning through an intuitive interface.
3.	Novelty / Uniqueness	EduTutor uniquely leverages Hugging Face models with contextual grounding and Google Classroom integration to deliver personalized, AI-generated quizzes and automated evaluations through a user-friendly Streamlit interface.
4.	Social Impact / Customer Satisfaction	EduTutor improves learning outcomes and satisfaction by delivering personalized, AI-generated quizzes that reduce educator workload and support diverse student needs.
5.	Business Model (Revenue Model)	EduTutor follows a freemium model with basic features available for free and premium subscriptions offering advanced analytics, LMS integrations, and custom AI quiz generation for schools, educators, and edtech platforms.
6.	Scalability of the Solution	EduTutor is highly scalable, leveraging cloud-based AI models and modular APIs to support increasing users, educational content, and institutional integrations across diverse learning environments.