

Project Design Phase
Proposed Solution Template

Date	26 June 2025
Team ID	LTVIP2025TMID33995
Project Name	EDUTUTOR AI – Personalized AI-Powered Learning Platform
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Students lack personalized learning support, and educators lack real-time visibility into individual student progress. Existing platforms are static and generic.
2.	Idea / Solution description	EduTutor AI is a smart learning assistant that generates adaptive quizzes using IBM WatsonX, stores history with Pinecone, and provides dashboards via Streamlit for both students and educators. It integrates Google OAuth and Classroom for seamless syncing.
3.	Novelty / Uniqueness	Combines generative AI (WatsonX), vector search (Pinecone), and real-time dashboards in one unified LMS-compatible interface with auto-adaptive learning.
4.	Social Impact / Customer Satisfaction	Helps underserved students get personalized education, improves teacher efficiency, and enhances academic outcomes through automation and insights.
5.	Business Model (Revenue Model)	Freemium model for students with limited features; subscription-based for institutions with advanced analytics and integration capabilities.
6.	Scalability of the Solution	Easily scalable across schools and colleges due to modular architecture, cloud APIs, and compatibility with existing platforms like Google Classroom.