Project Design Phase
Proposed Solution Template

Date	27 June 2025
Team ID	LTVIP2025TMID29535
Project Name	EduTutor-AI_personalized-learning-with-generative-ai-and-lms-integration
Maximum Marks	2 Marks

Proposed Solution :

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Traditional education systems, voting mechanisms, surveillance methods, or content delivery platforms often lack personalization, transparency, efficiency, and scalability. Many existing systems are outdated, leading to poor user engagement, limited access, and high operational costs.
2.	Idea / Solution description	We propose a tech-driven solution leveraging AI, blockchain, or IoT (based on your project) to solve the above challenges. • For example: **EduTutor AI** is a personalized AI-powered platform that adapts quizzes and learning content based on individual student performance and integrates with LMS tools like Moodle. • Alternatively: **Blockchain Voting System** ensures secure, transparent, and tamper-proof digital elections.
3.	Novelty / Uniqueness	• Uses cutting-edge technologies like **Generative AI, Blockchain, or Computer Vision**. • Offers **real-time adaptability** and personalization. • Integrates seamlessly with existing platforms (e.g., Google Classroom/Moodle, Government Voter DB, etc.). • Provides analytics dashboards for continuous improvement.
4.	Social Impact / Customer Satisfaction	• **Inclusive and accessible** to students in remote areas, voters unable to travel, or users with limited digital literacy.

		• Increases **trust, transparency, and engagement**. • Enhances **user experience** through automation and AI-driven suggestions. • Bridges the **digital divide** by supporting multiple languages and platforms.
5.	Business Model (Revenue Model)	• **Freemium Model**: Basic features free; premium features like advanced analytics, customization, or AI-enhanced modules are subscription-based. • **Institution Licensing**: Schools, universities, or government bodies can purchase enterprise access. • **Advertisement & Sponsorship**: Optional ads for free-tier users or sponsored content partnerships.
6.	Scalability of the Solution	• Built on **cloud-native architecture**, allowing seamless scalability across regions. • Supports **multi-language** and **cross-platform access** (web, mobile, desktop). • Easily adaptable for different domains – from education and governance to healthcare and corporate training. • Can integrate with APIs for rapid extension and evolution.