**Project Design Phase**

**Proposed Solution Template**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID59564 |
| 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.

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| **S.No.** | **Parameter** | **Description** |
|  | 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. |
|  | 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. |
|  | 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. |
|  | 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. |
|  | 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. |
|  | 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. |