**Project Design Phase**

**Problem – Solution Fit Template**

| Date | 26 June 2025 |
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| Team ID | LTVIP2025TMID32174 |
| Project Name | EduTutor AI: Personalized Learning with Generative AI and LMS Integration |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit EduTutor AI:**

**Problem**

Many students struggle to understand complex academic concepts on their own and lack the ability to assess their knowledge effectively. Students and self-learners often face difficulty in finding personalized, adaptive learning content that matches their pace and understanding level.Educators struggle with time-consuming manual quiz creation and monitoring student performance effectively.

**Solution**

**EduTutor AI** is a personalized learning platform that uses generative AI to explain concepts in a simplified manner, offer grammar assistance (in Hindi and English), and dynamically create personalized quizzes for a wide range of subjects:

* Concept explanations tuned for age and subject level
* Language learning with grammar rules and examples
* Test and quiz generators
* Login-based classrooms with session tracking per student

This solution directly addresses students' needs for clarity, practice — while reducing effort for educators in content preparation.

**Template:**

