

Project Design Phase
Problem – Solution Fit Template

Date	15 February 2025
Team ID	LTVIP2025TMID21141
Project Name	Edu Tutor AI: Personalized Learning With Generative AI and LMS Integration
Maximum Marks	2 Marks

Problem – Solution Fit Template:

The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why

Problem – Solution		
What is the problem?	How do we know this is a problem?	How will we know when we've solved this problem?
<p>Many students and educators struggle with:</p> <ul style="list-style-type: none">• Personalized learning resources• Efficient quiz preparation• Accessing summarized study materials• Tracking quiz performance and progress• Lack of AI-based learning support	<ul style="list-style-type: none">• Students often feel overwhelmed with unorganized content.• Educators lack time and tools to create custom quizzes.• Feedback from hostel/classroom peers shows difficulty in revision and progress tracking.• Manual preparation is time-consuming and inconsistent.• No unified platform integrates all learning aids (chatbot, flashcards, quizzes, etc.).	<ul style="list-style-type: none">• Students can log in, select topics, difficulty, and instantly get quizzes.• AI generates flashcards and summaries for quick revision.• Students and educators can view dashboards with quiz/chat history.• Increased user satisfaction and engagement with the tool.• Positive feedback from users and improved academic performance.