

Project Design Phase
Problem – Solution Fit Template

Date	27 June 2025
Team ID	LTVIP2025TMID30306
Project Name	EduTutor AI: Personalized Learning with Generative AI and LMS Integration
Maximum Marks	2 Marks

Problem – Solution Fit Template:

The Problem–Solution Fit demonstrates that you've clearly identified a core issue faced by your target users and designed a solution that addresses it meaningfully. This process bridges user needs with product design to ensure stronger adoption and real-world impact.

Purpose:

- ☐ Address the learning gaps of students through adaptive, AI-driven tutoring support.
- ☐ Accelerate learning outcomes by tailoring content to individual learner needs and pace.
- ☐ Integrate with existing Learning Management Systems (LMS) to streamline the educational experience.
- ☐ Leverage AI to provide 24/7 mentorship, personalized feedback, and content recommendations.
- ☐ Align product communication with student behaviours, ensuring higher engagement and satisfaction.

Template:

CUSTOMER SEGMENT Students seeking personalized educational support	PROPOSED SOLUTION AI-powered tutoring platform that adapts individual learning needs
TOP PROBLEMS <ul style="list-style-type: none"> • Difficulty grasping certain subjects • Lack of tailored instructional approaches • Limited access to timely academic assistance 	KEY FEATURES <ul style="list-style-type: none"> • Customized learning paths and resources • Real-time feedback and support • Seamless LMS integration
EXISTING ALTERNATIVES <ul style="list-style-type: none"> • One-size-fits-all online courses • Traditional tutoring services • Self-study methods 	EARLY ADOPTERS <ul style="list-style-type: none"> • Tech-savvy students eager to improve their academic performance

References:

1. <https://www.ideahackers.network/problem-solution-fit-canvas/>
2. <https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe>