**Project Design Phase**

**Problem – Solution Fit**

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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 |

A screen shot of a diagram

AI-generated content may be incorrect.**Problem – Solution Fit:**

-> Students of schools and colleges

->Teachers and Private Tutors

->Limited budgets for EdTech tools

->Unequal access to devices and internet

->Low familiarity with advanced tech tools (for teachers)

->YouTube / MOOCs (non-personalized)

**->**Human tutors (expensive, inconsistent)

->Absence of adaptive content generation

->No feedback loop for improving student-specific materials

->Heavy reliance on outdated or static learning methods

->High dropout or disengagement from self-paced courses

->Passive learning habits, low interaction rates

->One-size-fits-all approach to learning

->Lack of personalized learning paths

->Students struggle with self-paced learning

->**Generative AI Tutors** that adapt content per learner

->**LMS Integration** for personalized lesson plans

->Feedback-driven, interactive, and multilingual content

->LMS platforms, mobile apps, YouTube, Google Classroom

->Declining academic performance   
->Need for improved student engagement

->School lectures, tutoring centers, printed guides

->**Before:**Frustrated, Overwhelmed, Disconnected

->**After:** Empowered, Confident, Motivated

->Wanting preventive health checkups or insights