**Project Design Phase**

**Problem – Solution Fit**

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| Date | 28 June 2025 |
| Team ID | LTVIP2025TMID36180 |
| Project Name | Personalised learning with generative AI and Lms Integration |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit:**

**Problem:**

Educators face significant challenges in personalizing learning for each student. With limited time and resources, they struggle to create and grade personalized quizzes, while students receive generic content that doesn’t match their individual needs. This results in disengagement, slower learning progress, and missed opportunities for timely intervention.

**Solution:**

EduTutor AI uses AI-driven personalization to automatically generate quizzes tailored to each student’s learning level, performance, and progress. It integrates seamlessly with existing platforms like Google Classroom, providing real-time feedback, adaptive quizzing, and data-driven insights for educators. This enables teachers to offer personalized instruction effortlessly, while students receive dynamic content suited to their unique learning journey, leading to improved engagement and outcomes.

**Purpose:**

The purpose of **EduTutor AI** is to revolutionize personalized learning by leveraging AI to provide dynamic, adaptive educational experiences for students, while simultaneously streamlining the teaching process for educators. By integrating seamlessly with existing platforms like Google Classroom, EduTutor AI empowers educators with real-time performance insights, personalized quiz generation, and immediate feedback for students, ensuring that both teaching and learning are tailored, efficient, and data-driven. The platform aims to improve learning outcomes, reduce educator workload, and create an engaging, customized learning environment for students of all academic levels.