

**Project Design Phase**  
**Problem – Solution Fit Template**

Date	24 JUNE 2025
Team ID	LTVIP2025TMID59454
Project Name	Learning Hub
Maximum Marks	2 Marks

**Problem – Solution Fit Overview:**

The Problem–Solution Fit ensures that the Learning Hub is a personalized e-learning platform designed to address the challenges of modern digital education. It solves key problems like lack of tailored learning, scattered resources, low student engagement, and limited progress tracking. By offering AI-powered learning paths, interactive content, and real-time academic support, it creates a more effective and engaging educational experience. With built-in analytics and communication tools, Learning Hub empowers students, teachers, and institutions alike.

**Purpose:**

- To provide customized learning paths based on each learner’s pace, strengths, and goals.
- To offer a single platform with organized, high-quality content from trusted educators.
- To make learning interactive and motivating through gamification and multimedia resources.
- To enable students, parents, and teachers to monitor academic progress in real time.
- To facilitate instant doubt resolution and collaboration through live chats, video classes, and discussion forums.

**Problem Statement:**

Schools and College Students, competitive Exam Aspirants , Teachers and Tutors , Education institutions And Coaching Centers are face challenges like:

- Lack of **personalized learning paths** for different learner needs and paces.
- Students face **difficulty accessing quality, organized content** from a single platform.
- **Low engagement** and high dropout rates in online courses due to passive formats.
- Limited **visibility into progress and performance** for students, parents, and educators.
- Poor real-time doubt resolution and communication with instructors.

## **Solution:**

**LearningHub**, Role-based access (students, teachers, admins) and Live & recorded classes offers:

- AI-driven personalization engine that adapts courses to individual pace, strengths, and goals.
- Curated, centralized content from certified educators—searchable by subject, level, and exam type.
- Gamified learning (quizzes, badges, leaderboards) and multimedia content for active engagement.
- Real-time dashboards for all users with performance tracking, feedback, and report cards.
- **Built-in live chat, discussion forums, and live class sessions with Q&A support.**

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