Project Design Phase
Proposed Solution Template

Date	26-06-2025
Team ID	LTVIP2025TMID45942
Project Name	Learn-Hub
Maximum Marks	2 Marks

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	There is a lack of a unified platform where teachers can upload course content, students can access it and track progress, and admins can manage the system efficiently — especially for smaller institutions or individuals with limited budgets.
2.	Idea / Solution Description	Learn Hub is a full-stack online learning platform (MERN stack) that allows teachers to create and manage courses with videos and materials, students to enroll, track progress, and take assessments, and admins to monitor platform activity. It supports role-based access, multimedia content, and real-time updates.
3.	Novelty / Uniqueness	Unlike large LMS platforms, Learn Hub is lightweight, customizable, and cost-effective. It uses a modular backend and a clean, modern UI. Key features include video uploads, student progress tracking, payment integration, and an admin dashboard — all built from scratch using open-source technologies.
4.	Social Impact / Customer Satisfaction	Learn Hub enables quality education delivery for tutors, trainers, and learners in rural or low-infrastructure areas. It supports digital literacy, personalized learning, and scalable outreach — contributing to inclusive education (UN SDG-4).
5.	Business Model (Revenue Model)	Learn Hub can follow a freemium model: core features free for individuals, and paid plans for institutions with additional features like analytics, branded domain, certification, and multi-admin support. Optional ads or third-party integrations can generate extra revenue.
6.	Scalability of the Solution	The platform is scalable to handle more users, courses, and features by deploying on cloud infrastructure (e.g., AWS, Azure). Microservices, modular architecture, and database optimization ensure the platform grows with user demand.