

Project Design Phase

Proposed Solution

Date	23 June 2025
Team ID	LTVIP2025TMID20425
Project Name	LearnHub: Your Center for Skill Enhancement
Mentor Name	Dr Shaik Salma Begam
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Many learners struggle to find quality courses, track their learning progress, and gain certifications in a structured way. Instructors lack tools to manage content efficiently, and admins face challenges maintaining platform integrity.
2.	Idea / Solution Description	LearnHub is a comprehensive, user-centric e-learning platform built with the MERN stack. It supports smooth course browsing, secure registration/login, easy enrollment, progress tracking, certification, and complete admin/instructor control.
3.	Novelty / Uniqueness	LearnHub offers dynamic progress tracking, certificate generation, responsive UI for all devices, and role-based access (student, instructor, admin). Future AI-based personalization and recommendation systems add innovative value.
4.	Social Impact / Customer Satisfaction	LearnHub empowers students with skill-based learning and easy access to quality content. It supports instructors with tools for teaching and boosts institutional credibility with verified learning paths and certifications.
5.	Business Model (Revenue Model)	LearnHub can earn revenue through subscription models for learners, course publishing fees for instructors, featured course placements, and partnerships with educational institutions.
6.	Scalability of the Solution	The platform is scalable through modular backend design, cloud-hosted databases, and efficient APIs, allowing it to handle increased user load, more courses, and concurrent sessions with minimal performance loss.