

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	23 June 2025
Team ID	LTVIP2025TMID56697
Project Name	LearnHub: Your Center for Skill Enhancemen
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Email & Password Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Role-Based Dashboard	Student Dashboard Teacher Dashboard Admin Panel
FR-4	Course Management	Course Creation (Teacher) Course Enrollment (Student) Course Approval & Monitoring (Admin)
FR-5	Code Practice & Quiz	Practice Editor (Student) Quiz Attempt & Evaluation (Student)
FR-6	Certification	Generate & Download Certificate
FR-7	Analytics & Monitoring	View Analytics (Admin/Teacher)
FR-8	Multi-language Support	i18n Support (English, Hindi)

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The platform should have an intuitive and responsive UI for all user roles.
NFR-2	Security	Secure login, authentication, and encrypted data storage (JWT, HTTPS).
NFR-3	Reliability	The system should be consistently available and handle role-based access reliably.
NFR-4	Performance	Fast load times and minimal latency even during high traffic.
NFR-5	Availability	24/7 availability with automatic scaling on cloud infrastructure.
NFR-6	Scalability	Easily scalable to support growing user base, courses, and role types.