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

Date	23 June 2025
Team ID	LTVIP2025TMID54304
Project Name	LearnHub
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	Educators create courses	Create chapters, add pages in chapters, upload videos
FR-2	Learners enroll in courses	Students enroll in course, complete chapters, track progress
FR-3	Certificate generation	Certificate gets generated upon course completion

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The app should have an intuitive and user-friendly interface, ensuring smooth navigation and accessibility for users of all demographics.
NFR-2	Security	User authentication and data must be secured using encryption (e.g., HTTPS, OAuth for third-party logins). The app should prevent unauthorized access and follow best security practices.
NFR-3	Reliability	The app should ensure a consistent and uninterrupted music streaming experience, minimizing crashes and downtime.
NFR-4	Performance	Courses should load and stream with minimal buffering. The app should respond to user interactions (search, playback, course management) within 2 seconds.
NFR-5	Availability	The system should maintain an uptime of at least 99.9%, ensuring accessibility across different time zones.
NFR-6	Scalability	The application should handle increasing numbers of users and concurrent streams efficiently without performance degradation. The architecture should support future feature expansion.