

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

Date	31 January 2025
Team ID	LTVIP2025TMID21141
Project Name	Edu Tutor AI: Personalized Learning With Generative AI and LMS Integration
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 Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	AI-Based Quiz Generation	Generate quizzes dynamically based on subject & standard, Evaluate quiz responses, Generate reports
FR-4	Performance Dashboard	View quiz history, Track progress, Display performance analytics

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The platform must be easy to navigate for students and educators with a clean UI/UX design.
NFR-2	Security	User data should be protected with secure login, authentication, and encrypted storage.
NFR-3	Reliability	The system must be available and consistent during usage without crashes or errors.
NFR-4	Performance	The application should load quizzes and analytics in under 3 seconds.
NFR-5	Availability	The service should be up and running 99.9% of the time to ensure access anytime.
NFR-6	Scalability	The platform should handle growing users and increasing quiz data efficiently over time.