

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

Date	27 June 2025
Team ID	LTVIP2025TMID30145
Project Name	EduTutor AI: Personalized Learning with Generative AI and LMS Integration
Maximum 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 Educational Support	Academic question answering, Math problem solving
FR-4	Learning Tools	Quiz generation, Study plan creation, Homework analysis
FR-5	Student Progress Monitoring	View analytics, Track improvement, Access performance dashboard
FR-6	Admin & Instructor Features	Report generation, Content update, Student activity monitoring

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Easy-to-use interface for students and educators
NFR-2	<b>Security</b>	Secure login, authentication, and data handling
NFR-3	<b>Reliability</b>	Consistent system behavior and dependable output from AI components
NFR-4	<b>Performance</b>	Fast response time using GPU acceleration when available
NFR-5	<b>Availability</b>	Platform and AI functionality accessible 24/7
NFR-6	<b>Scalability</b>	Supports scaling with increasing users, topics, and data