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

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Team ID	NM2023TMID00765
Project Name	Unleashing The Potential Of Our Youth:A Student Performance Analysis

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	User Login	Login using Email and Password Login using Social Media Accounts
FR-4	Personalized Learning Programs	Individualized Learning Paths Adaptive Learning Content
FR-5	Performance Analysis	Tracking Student Progress Assessing Academic Achievements Identifying Strengths and Weaknesses
FR-6	Collaboration and Communication	Student-Teacher Collaboration Tools Parent-Teacher Communication Channels

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The solution should have a user-friendly interface, intuitive navigation, and clear instructions to ensure ease of use for students, teachers, and administrators, promoting efficient and effective interaction with the system.
NFR-2	Security	The solution should employ robust security measures, including encryption, access controls, and data privacy protocols, to safeguard student data and protect against unauthorized access, ensuring the trust and confidentiality of sensitive information.
NFR-3	Reliability	The solution should be reliable, with minimal downtime and system failures, ensuring consistent availability and uninterrupted access to the platform for students, teachers, and administrators.
NFR-4	Performance	The solution should deliver high performance, with fast response times, smooth functionality, and the ability to handle multiple concurrent users, providing a seamless user experience and minimizing disruptions.
NFR-5	Availability	The solution should have high availability, with minimal scheduled maintenance and downtime, ensuring that students, teachers, and administrators can access the system whenever they need it, without interruption.
NFR-6	Scalability	The solution should be scalable, capable of handling increasing numbers of users and growing data volumes, accommodating the needs of educational institutions of various sizes and student populations, without compromising performance or usability.