

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

Date	31 January 2025
Team ID	LTVIP2026TMIDS54383
Project Name	Educational organisation using service now
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 ServiceNow Form
FR-2	User Confirmation	Registration through Gmail (SSO Integration)
FR-3		Registration through LinkedIn (OAuth Integration)
FR-4	User Login & Authentication	Login using Username & Password
		Role-based Login (Student / Faculty / Admin)
		Password Reset & Forgot Password

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should have a user-friendly interface with easy navigation and responsive design for web and mobile users.
NFR-2	Security	Role-based access control (RBAC), encrypted passwords, secure login (HTTPS), and data protection mechanisms must be implemented.
NFR-3	Reliability	The system should handle user requests without failure and ensure proper workflow execution with minimal errors.
NFR-4	Performance	The application should load within 3 seconds and support multiple concurrent users without degradation in performance.

NFR-5	Availability	The system should be available 24/7 with minimal downtime and proper backup mechanisms.
NFR-6	Scalability	The platform should support increasing numbers of students, courses, and users without performance impact.