

# Project Design Phase-II: Solution Requirements

**Date:** 31 January 2025

**Team ID:** LTVIP2025TMID29711

**Project Name:** Optimizing User, Group, and Role Management with Access Control and Workflows

**Maximum Marks:** 4 Marks

## ✓ Functional Requirements

These define the core features the system must perform:

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/Password - Login using Gmail or LinkedIn
FR-4	Role & Access Control	- Role assignment for users - Access control based on roles - Admin dashboard to manage users and roles

## □ Non-functional Requirements

These define how the system should behave — focusing on quality, performance, and reliability:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User interface should be intuitive and easy to use for all user roles.

FR No.	Non-Functional Requirement	Description
NFR-2	Security	System must enforce strong password policies and secure user data.
NFR-3	Reliability	The system should maintain consistent performance without failures.
NFR-4	Performance	The system should handle concurrent users without significant delay.
NFR-5	Availability	The platform should maintain 99.9% uptime during working hours.
NFR-6	Scalability	The solution should support scaling for larger institutions or user bases.