Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date: 28 June 2025
Team ID: LTVIP2025TMID28676
Project Name: Optimizing Role-Based Access and Task Workflows
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 Role Definition	Create Project Manager and Team Member roles
FR-2	Group Setup	Define project team group and assign users
FR-3	Access Control	Define ACLs based on role and task assignment
FR-4	Task Workflow	Implement task status transitions with notifications
FR-5	Task Visibility	Restrict task access to role-relevant data
FR-6	Audit Logging	Track task updates and user actions
FR-7	Dashboard View	Role-based dashboard for task tracking

Non-functional Requirements

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

NFR No.	Description
NFR-1	Usability: Clean and intuitive UI for PM and Team Member roles
NFR-2	Security: Role-based access control and data protection
NFR-3	Reliability: Minimal system downtime and backup management
NFR-4	Performance: Task operations must complete in <2s under load
NFR-5	Availability: 24/7 access with automated failover support
NFR-6	Scalability: Easily expandable for new projects and users