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

Date	20 February 2026
Team ID	LTVIP2026TMIDS66365
Project Name	Cafeteria Menu Display
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 Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3		
FR-4		

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 be user-friendly and easy to navigate for all users. The interface must be simple, clear, and responsive so that users can access features without confusion. Minimal training should be required to operate the system effectively.
NFR-2	**Security**	The system must protect user data and prevent unauthorized access. It should include secure login authentication, role-based access control, data encryption, and protection against common security threats to ensure confidentiality and integrity of information.
NFR-3	**Reliability**	The system should function consistently without failures. It must handle errors gracefully, prevent data loss, and maintain accurate records. Regular backups and recovery mechanisms should be implemented to ensure dependable operation.

NFR-4	**Performance**	The system should respond quickly to user actions. Pages and data should load within an acceptable time limit, even during peak usage. The application must efficiently handle multiple users simultaneously without slowing down.
NFR-5	**Availability**	The system should be available to users whenever required, with minimal downtime. It should support continuous operation (e.g., 24/7 access if needed) and include maintenance planning to reduce service interruptions.
NFR-6	**Scalability**	The system should be capable of handling future growth, such as an increase in users, data volume, or additional features. It must support expansion without requiring major changes to the existing architecture.