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

Date	02 November 2025
Team ID	NM2025TMID04225
Project Name	To Supply Leftover Food to Poor
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	Food Donor Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	Food Donation Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Donation Request	Donor can request to donate leftover food.
FR-4	Availability Check	System checks if any NGO or volunteer is available nearby to collect food.
FR-5	Donation Block	If no NGO/volunteer is available, system blocks request and shows a notification.
FR-6	Safe Collection	If NGO/volunteer is available, system allows safe collection and confirms delivery.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface should be easy to navigate for volunteers, donors, and NGOs.
NFR-2	Security	Only verified users and organizations should be able to access donation and recipient details.
NFR-3	Reliability	The system must accurately track food availability and delivery status to prevent waste or duplication.
NFR-4	Performance	The application should process food donation and request transactions quickly and efficiently.
NFR-5	Availability	The system should be available 24/7 to ensure timely collection and delivery of leftover food.
NFR-6	Scalability	The platform should handle increasing numbers of donors, recipients, and deliveries as it expands.