

Project Design Phase-II

Solution Requirements (Functional & Non-Functional)

Date	31 OCTOBER 2025
Team ID	NM2025TMID05985
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	Donor Registration	Register through web form or mobile app
FR-2	Food Donation Request	Donor submits details — food type, quantity, and pickup time
FR-3	Volunteer Assignment	System assigns nearest available volunteer automatically
FR-4	Pickup and Delivery Tracking	Track real-time status of food collection and delivery
FR-5	Drop-off Confirmation	Volunteer updates proof of delivery with NGO confirmation
FR-6	Feedback and Rating	NGOs and donors can submit feedback for service improvement

Non-Functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Interface should be simple and user-friendly for donors, volunteers, and NGOs.
NFR-2	Security	All user data and food details must be securely stored and transmitted.
NFR-3	Reliability	The system must ensure accurate volunteer assignment and food tracking.
NFR-4	Performance	Real-time updates and alerts must be fast and reliable.
NFR-5	Availability	The system should be accessible 24/7 for donations and pickups.
NFR-6	Scalability	The platform should support more cities, volunteers, and NGOs as it expands.