

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	2 NOV 2025
Team ID	NM2025TMID02631
Project Name	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 Collection	Volunteers collect leftover food from restaurants, events, and homes.
FR-2	Venue and Drop-off Point Selection	System suggests nearest food collection and drop-off points.
FR-3	Volunteer Task Assignment	Admin assigns volunteers for specific areas or collection routes.
FR-4	Food Quality Check	Volunteers verify food freshness and upload images before distribution.
FR-5	Food Distribution	System tracks and records distribution details to ensure fair allocation.
FR-6	Feedback and Reporting	Beneficiaries and volunteers can give feedback and report issues.

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 use for both volunteers and donors.
NFR-2	Security	User data and food source details must be securely stored.
NFR-3	Reliability	The system must accurately track collection and distribution points.
NFR-4	Performance	Food pickup and delivery updates should be processed without delay.
NFR-5	Availability	The app should be available 24/7 for emergency food donations.
NFR-6	Scalability	The system should support multiple cities and high volumes of food donations.