

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	01 nov 2025
Team ID	NM2025TMID07455
Project Name	To Supply Leftover Food to Poor
Maximum Marks	4 Marks

Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Food Collection	Collect leftover food from restaurants, hotels, and events.
FR-2	Food Quality Check	Inspect and verify the safety and hygiene of collected food.
FR-3	Food Storage	Store food properly in clean and temperature-controlled containers.
FR-4	Recipient Identification	Identify poor or needy areas using NGO or volunteer networks.
FR-5	Food Delivery	Deliver food efficiently using vehicles or delivery volunteers.
FR-6	Tracking & Reporting	Track daily collections and distributions, and generate reports.

Non-Functional Requirements

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system should be easy for volunteers and restaurant partners to use.
NFR-2	Security	Ensure safe handling of food and protect donor and recipient data.
NFR-3	Reliability	The platform must ensure consistent food supply operations without failure.
NFR-4	Performance	Food collection and delivery coordination must happen quickly.
NFR-5	Availability	System should be available 24/7 for emergency food requests.
NFR-6	Scalability	Should handle an increasing number of donors, recipients, and volunteers.