

Project Design Phase

Proposed Solution

Date	4 Nov 2025
Team ID	NM2025TMID02156
Project Name	To supply leftover food to poor
Marks	2Marks

Proposed Solution

Project Idea:

Create a structured **Leftover Food Donation System** (mobile app / organization) that collects surplus food from restaurants, events, and households and distributes it to people in need.

How the Solution Works

1. Food Donors Register

- a. Restaurants, marriage halls, caterers, hotels, corporate canteens, and households can register on the platform.

2. Food Availability Notification

- a. When there is leftover food, the donor raises a request through:
 - i. Mobile app / WhatsApp / phone call

- b. Details included: type of food, quantity, pickup time, location.

3. Volunteer / Delivery Team Assigned

- a. Automatic allocation to nearest verified volunteer/NGO.
- b. Volunteers receive the pickup details via the app.

4. Food Safety Check

- a. Donors upload photos and time of food preparation.
- b. Volunteers perform a quick quality and hygiene check using a checklist.

5. Transportation & Delivery

- a. Volunteers collect the food using insulated containers and deliver it to:
 - i. Homeless shelters
 - ii. Slums
 - iii. Orphanages
 - iv. Old-age homes
 - v. Direct street distribution (where permitted)

6. Tracking & Transparency

- a. Donors can track:
 - i. Who received the food
 - ii. Quantity distributed
- b. Option to generate CSR or donation reports for companies.

Key Features of the Solution

Feature	Benefit
Real-time pickup requests	Food gets collected immediately, reducing spoilage.

Hygiene checklist	Ensures only safe food is donated.
Volunteer network	Reduces cost and enables community involvement.
GPS tracking	Transparency in pickup and delivery.
Photo proof / report	Donors see the impact of their contribution.

Why This Solution Works

- Creates coordination between food donors and people in need.
- Reduces food waste and hunger at the same time.
- Encourages social responsibility through a simple and scalable model.

Impact

- Minimizes food waste in cities.
- Ensures leftover edible food reaches the poor within time.
- Supports NGOs and community kitchens regularly.

Tagline Suggestion:

“Don’t waste food — donate and feed someone in need.”