

To Supply Leftover Food to Poor

Date	
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Project Name	To Supply Leftover Food to Poor
College Name	Ideal Institute Of Technology

Team Members

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Project Overview

- ❖ Every day, a large amount of edible food is wasted by restaurants, households, and event organizers, while millions of people go hungry.
- ❖ This project aims to address both problems simultaneously by building a system that collects surplus food and delivers it to people in need, reducing food waste and supporting community welfare.

Purpose

The primary purpose of this project is to reduce food wastage and alleviate hunger by creating a reliable system that collects surplus or leftover food from donors such as restaurants, event venues, and households, and distributes it to underprivileged individuals and communities in need.

It aims to:

- Bridge the gap between excess food and food insecurity
- Promote social responsibility and community service
- Ensure timely and hygienic delivery of edible food to the poor
- Support a more sustainable and compassionate society

Problem

- Food waste is a growing issue, especially in urban areas where large quantities of cooked food go unused in restaurants, hotels, and events.
- At the same time, millions of people suffer from hunger and malnutrition.
- There is no centralized, efficient system to collect and distribute this leftover food.

- Concerns about food safety, storage, and transportation also hinder food donation efforts.
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Proposed Solution

- Develop a mobile or web-based platform that connects:
 - Food Donors (restaurants, event organizers, households)
 - Volunteers/NGOs (for collection and delivery)
 - Recipients (homeless shelters, slum areas, orphanages)
 - Enable donors to post food availability in real-time.
 - Alert volunteers based on location for quick pickup.
 - Ensure food is collected safely and delivered promptly to the nearest identified beneficiaries.
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Target Beneficiaries

- People in slums or economically weaker sections
 - Children in orphanages and students in underfunded schools
 - Elderly in old age homes
 - People affected by crises or natural disasters
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Food Donors

- Restaurants, hotels, and cafes
- Marriage halls and event organizers

- Corporate canteens and hostels
 - Households with excess cooked food
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Logistics and Operations

- Volunteers or NGO partners will be notified automatically once food is reported on the app.
 - Volunteers will:
 - Pick up the food
 - Follow safety protocols (clean containers, gloves, masks)
 - Transport the food to verified recipients or feeding centers
 - Use of insulated boxes or basic refrigeration to prevent spoilage during transport.
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Technology Features

- Real-time food pickup requests
 - Geo-tagging and GPS tracking to locate donors and beneficiaries
 - Scheduling options for regular donations (e.g., daily surplus from a cafeteria)
 - Impact tracker showing number of meals delivered, donors onboarded, and food saved
 - Feedback system from recipients and donors
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Impact Goals

- Significantly reduce food wastage in urban and semi-urban areas
- Provide regular meals to thousands of poor individuals and families
- Foster a culture of sharing and community responsibility
- Encourage CSR involvement from companies and restaurants
- Support environmental sustainability by minimizing food disposal

Alignment with Sustainable Development Goals (SDGs)

- **SDG 2 – Zero Hunger:** End hunger, achieve food security, and improve nutrition
- **SDG 12 – Responsible Consumption and Production:** Reduce food waste at the consumer and retail levels
- **SDG 11 – Sustainable Cities and Communities:** Make cities more inclusive and resource-efficient

