

NAAN MUDHAVALVAN- SALESFORCE REPORT

TO SUPPLY LEFTOVER FOOD TO POOR

**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

❖	Nanthini K	712221104010
❖	Vasanthakumar P	712221104026
❖	Muthaiahtharan R	712221104008
❖	Rithanya P	712221104016



Park College of Engineering and
Technology

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To Supply Leftover Food to Poor

1. Project Overview

This project addresses the challenge of food wastage by redirecting surplus food to the underprivileged. The primary goal is to reduce food waste from restaurants, households, and events, ensuring that leftover food reaches those in need instead of being discarded. We aim to enhance food distribution efficiency and improve the lives of the underprivileged through sustainable practices.

2. Objectives

Business Goals:

Minimize food waste and provide meals for the poor by establishing a reliable system for food distribution.

Develop partnerships with restaurants, catering services, and households to donate leftover food.

Specific Outcomes:

Build a network of donors and volunteers for food collection and delivery.

Implement a tracking system for food donations to measure the impact.

3. Salesforce Key Features and Concepts Utilized

Volunteer Network: Establish a community of volunteers responsible for collecting, transporting, and distributing food.

Mobile Platform: Develop an app to connect food donors, volunteers, and recipients, optimizing logistics.

Quality Assurance: Implement protocols for food quality checks and safety standards to ensure safe delivery.

4. Detailed Steps to Solution Design

1. **Data Collection:** Identify food sources (restaurants, caterers, etc.) and set up an inventory system to track food donations.
2. **User Interface:** Create a mobile app interface for easy reporting of surplus food by donors and quick response by volunteers.
3. **Logistics Planning:** Develop routes and schedules for efficient food pickup and delivery. relevant screenshots.

Mobile Platform: Develop an app to connect food donors, volunteers, and recipients, optimizing logistics.

Quality Assurance: Implement protocols for food quality checks and safety standards to ensure safe delivery.

5. Detailed Steps to Solution Design

1. **Data Collection:** Identify food sources (restaurants, caterers, etc.) and set up an inventory system to track food donations.
2. **User Interface:** Create a mobile app interface for easy reporting of surplus food by donors and quick response by volunteers.
3. **Logistics Planning:** Develop routes and schedules for efficient food pickup and delivery.

6. Testing and Validation

Unit Testing: Test each feature of the mobile app (registration, donation reporting, etc.).

User Interface Testing: Conduct trials with volunteers and donors to ensure ease of use and functionality.

Field Trials: Pilot test the food distribution process to validate logistics efficiency and food safety measures.

7. Key Scenarios Addressed

Food Collection from Events: Rapid response to events with surplus food.

Daily Restaurant Pickups: Scheduled pickups from partnering restaurants.

Emergency Distribution: Organize distribution drives for areas with high food insecurity.

8. Conclusion

Summary of Achievements: This project will create a sustainable solution for food redistribution, reducing waste and providing meals to those in need. Through community engagement and innovative logistics, we aim to improve food accessibility for vulnerable.

