# To Supply Leftover Food to Poor

By

Meher Ujjwala Cherukumalli

meherujjwala\_c@srmap.edu.in

**Project Abstract:**

"To Supply Leftover Food to Poor" is a Salesforce-based project that aims to reduce food waste and hunger by connecting food donors with those in need. The project leverages the power of Salesforce to streamline the food donation process, making it easier for donors to give and for recipients to receive. By bridging the gap between food donors and recipients, FoodConnect seeks to make a positive impact on the community by reducing food waste and hunger.

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**INTRODUCTION:**

Food waste and hunger are two pressing issues that affect millions of people worldwide. According to the United Nations Food and Agriculture Organization (FAO), one-third of all food produced globally is lost or wasted, while 820 million people suffer from hunger. In India, the situation is no different, with a significant amount of food going to waste every day, while many individuals and families struggle to access nutritious food. This project can solve this issue by connecting the food donors to the hunger and poor people who don't have enough food to eat. This solves the problem of food wastage and hunger.

**Objectives:**

* **Feed the hunger:** Create a system to deliver the food to the poor and manage the process of delivering the food from a foundation to the hunger.
* **Volunteers engagement:** Engaging volunteers in order to collect the food from the foundations and to distribute it to the poor.
* **Streamline Food Distribution:** Creating a system that simplifies the process of collecting and distributing the food to poor.
* **Reduce food wastage:** As the leftover food is collected by the volunteers and distributed the daily food wastage will be reduced.

**Implementation Details:**

**1. Custom Objects:**

* **Venue:** To record the location of the place from where the leftover food is collected.
* **Volunteer:** To manage the details of the volunteer who is collecting the food and distributing it.
* **Execution details:** To manage the executions details to guide the volunteers.
* **Task:** To manage the tasks that has to be done by the volunteers.
* **Drop-off Points:** To log the locations where food will be distributed.

**2.Reports and Dashboards:**

* **Volunteer tasks:** To monitor the execution details and tasks of the volunteers.
* **Venue with Dropoff point with Volunteer:** To record the venue from where the food should be collected by the volunteer and drop-off point where the food should be delivered.
* Dashboard with venue form and task report.

**3.Flows:**

* **Venue form:** To enter the details of the foundation from where the food should be collected like the address of the foundation, their mail id and location of the venue.

**Outcomes:**

* **Reduce food wastage:** Reducing the food wastage succesfully with tons of leftover food collected in a period of time.
* **Engage more volunteers:** Engaing more people and creating awareness about the food wastage and the hunger.
* **Feed the poor:** Feeding the poor timely with the food that is saved from being wasted and making the hunger happy.

**Challenges and Solutions:**

1. Challenge: Ensuring the quality and safety of food during transportation.

Solution: Guidelines and training for volunteers on proper food handling and shortage.

2. Challenge: Ensuring that vegetarians don’t get non veg food.

Solution: Designed to separate the food based on the type of the food ensuring veg and non veg don’t get mixed.

3. Challenge: Identifying the proper location of the donor and the receiver.

Solution: Created different fields and relationships to ensure that the address of the donor and the acceptor are clearly understood by the volunteer.

**Future Recommendations:**

1.**Mobile Application:** Develop a mobile app or web application for easy access and realtime updates for volunteers and donors.

2.**Partnerships:** Forge partnerships with more local businesses and nonprofits to expand the reach and impact of the project.

3.**Expand Donor Base:** Increase the number of participating food donors to enhance food availability.

4.Explore the opportunities to expand the project reach and impact globally.

**Conclusion:**

The project "To Supply Leftover Food to Poor" has the potential to make a significant impact on reducing food waste and hunger in India. By leveraging the power of Salesforce, FoodConnect provides a streamlined and efficient platform for connecting food donors and recipient management, food donation tracking, and delivery, as well as reporting and analytics, will help to reduce food waste, increase food security and improve the efficiency of the food donation process.

**Thank You**