# Food Connect

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# By

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# Project Abstract

The "Food Connect" project was conceived to address the

issue of food wastage and hunger. The goal was to create a system within

Salesforce that could efficiently connect sources of leftover food (restaurants,

cafeterias, events) with organizations and volunteers who distribute food to those

in need. This report details the project's objectives, methodology, implementation,

outcomes, and future recommendations.

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## INTRODUCTION

The "Food Connect" project was conceived to address the issue of food wastage and hunger. The goal was to create a system within Salesforce that could efficiently connect sources of leftover food (restaurants, cafeterias, events) with organizations and volunteers who distribute food to those in need. This report details the project's objectives, methodology, implementation, outcomes, and future recommendations.

#### Objectives

1. Reduce Food Wastage: Ensure leftover food from various sources is not wasted but is

instead used to feed the poor.

2. Streamline Food Distribution: Create a system that simplifies the process of collecting and distributing leftover food.

3. Engage Volunteers: Involve volunteers in the food collection and distribution process to enhance community engagement.

Methodology

1. Requirements Gathering: Conducted interviews and surveys with potential food donors, volunteer organizations, and beneficiaries to understand their needs and constraints.

2. System Design: Designed a Salesforce-based solution to manage the entire process, from food donation to distribution.

3. Implementation: Developed and tested the solution using Salesforce's features like

objects, reports, dashboards, and automation tools.

4. Full Deployment: Rolled out the final solution to all stakeholders.

## Implementation Details

1. Custom Objects:

○ Food Donor: To track restaurants, cafeterias, and other food sources.

○ Food Item: To record details of leftover food items available for donation.

○ Volunteer: To manage and track volunteers involved in the collection and

distribution process.

○ Distribution Point: To log locations where food will be distributed.

2. Reports and Dashboards:

○ Food Availability Report: To monitor available leftover food items.

○ Volunteer Activity Report: To track volunteer participation and performance.

○ Distribution Efficiency Dashboard: To analyze the efficiency of food

distribution efforts.

3. Automations:

○ Notifications: Automated alerts to notify volunteers about new food donations and distribution schedules.

○ Assignment Rules: Automated assignment of food collection and distribution tasks to volunteers based on availability and location.

## Outcomes

1. Food Wastage Reduction: Successfully reduced food wastage with tons of food

collected and distributed in a certain period of time.

2. Volunteer Engagement: Engages volunteers, enhancing community involvement and

awareness about food wastage and hunger.

3. Efficient Distribution: Streamlines the food distribution process, ensuring timely

delivery to the needy and reducing logistical challenges.

### Challenges and Solutions

1. Challenge: Coordinating between multiple stakeholders (donors, volunteers, distribution points).

Solution: Implemented clear communication channels and automated notifications to

keep all parties informed.

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

Solution: Developed guidelines and training for volunteers on proper food handling and

storage.

3. Challenge: Scaling the solution to accommodate more donors and distribution points.

Solution: Designed a scalable architecture and conducted regular feedback sessions to

continuously improve the system.

# Future Recommendations

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

2. Enhanced Analytics: Integrate advanced analytics to better understand patterns and

improve distribution efficiency.

3. Mobile Application: Develop a mobile app for easier access and real-time updates for

volunteers and donors.

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

## Conclusion

The "Food Connect" project successfully leveraged Salesforce technology to address a critical social issue. By reducing food wastage and efficiently distributing food to the poor, the project not only provided immediate relief to those in need but also promoted sustainable practices within the community. The positive outcomes and lessons learned from this project pave the way for future enhancements and broader implementation.

# Thank you