



Bridging the Gap Between Waste and Want.

FoodLink: The Smart Food Redistribution System.



A technology-driven social enterprise creating a transparent, reliable, and scalable ecosystem to connect surplus food with those in need.



The Unacceptable Paradox of Modern Food Systems.



While tons of edible food are discarded daily by restaurants, event organizers, and households, millions of people struggle to find their next meal.



Existing redistribution systems, though well-intentioned, are critically flawed.



Logistical Inefficiencies

Lack of real-time coordination leads to delays.



Food Safety Gaps

No monitoring of storage conditions during transit.



Resulting Spoilage

A significant portion of donated food is wasted before it reaches beneficiaries.

Our Solution: A Three-Part Integrated Ecosystem

FoodLink digitizes and automates the entire food redistribution process, ensuring speed, safety, and transparency.

The Mobile App

Connecting the Community. A user-friendly, multilingual interface for donors and volunteers to coordinate seamlessly.



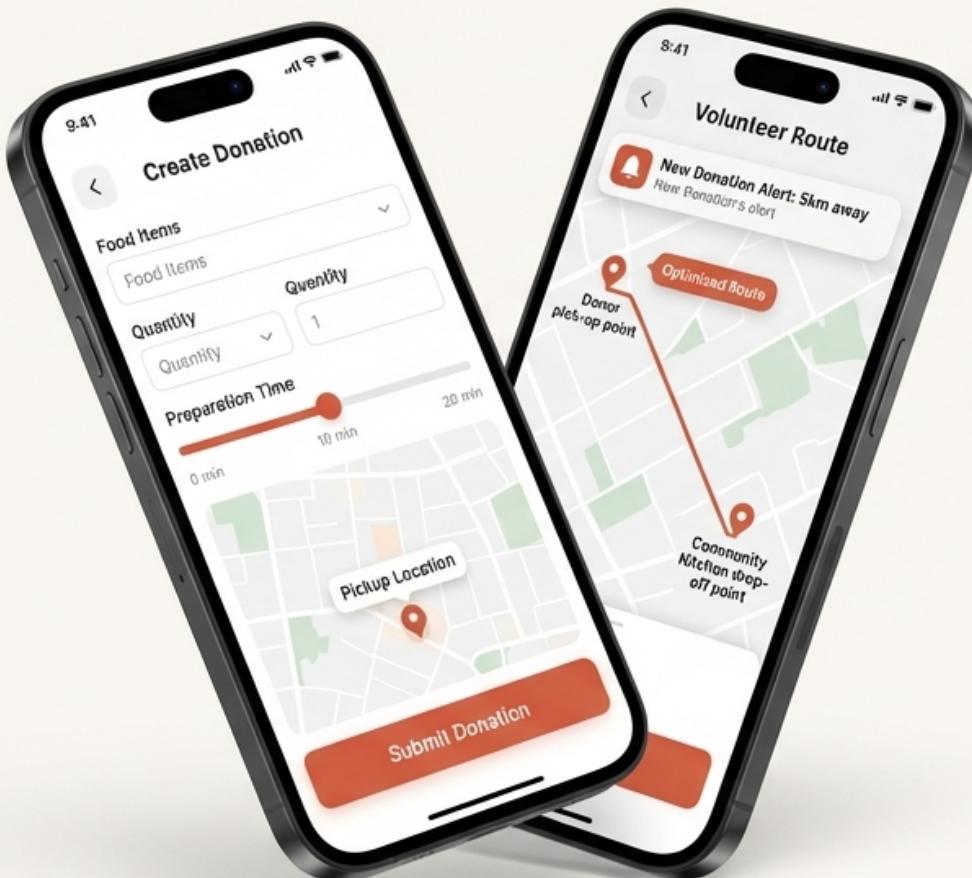
The IoT Smart Box

Guaranteeing Safety. A hardware solution that actively monitors food freshness, temperature, and location in real-time.

The Admin Dashboard

Driving Efficiency. An AI-powered command center for NGOs to manage logistics, predict spoilage, and measure impact.

The App: Connecting Donors, Volunteers, and NGOs.



Key Features for Donors

- Create Donation:** Easily list food items, quantity, and prep time.
- Schedule Pickup:** Suggest preferred pickup times.
- Track Donation:** Real-time status tracking from pickup to delivery via QR code scans.

Key Features for Volunteers

- Real-Time Alerts:** Push notifications for new donations in their vicinity.
- Optimized Routing:** In-app map integration for the fastest routes.
- Gamification & Rewards:** A point-based system to motivate and recognize contributions.
- Multilingual Interface** for broad accessibility.

The IoT Smart Box: A Guarantee of Freshness and Safety

This is not just a container; it's an intelligent, connected device that protects every donation.



Real-Time Monitoring:
Onboard sensors track internal temperature, humidity, and atmospheric gases (e.g., ethylene).



Cellular Connectivity:
Transmits data independently of Wi-Fi for constant connection.



GPS Tracking:
Live location data for logistical precision.

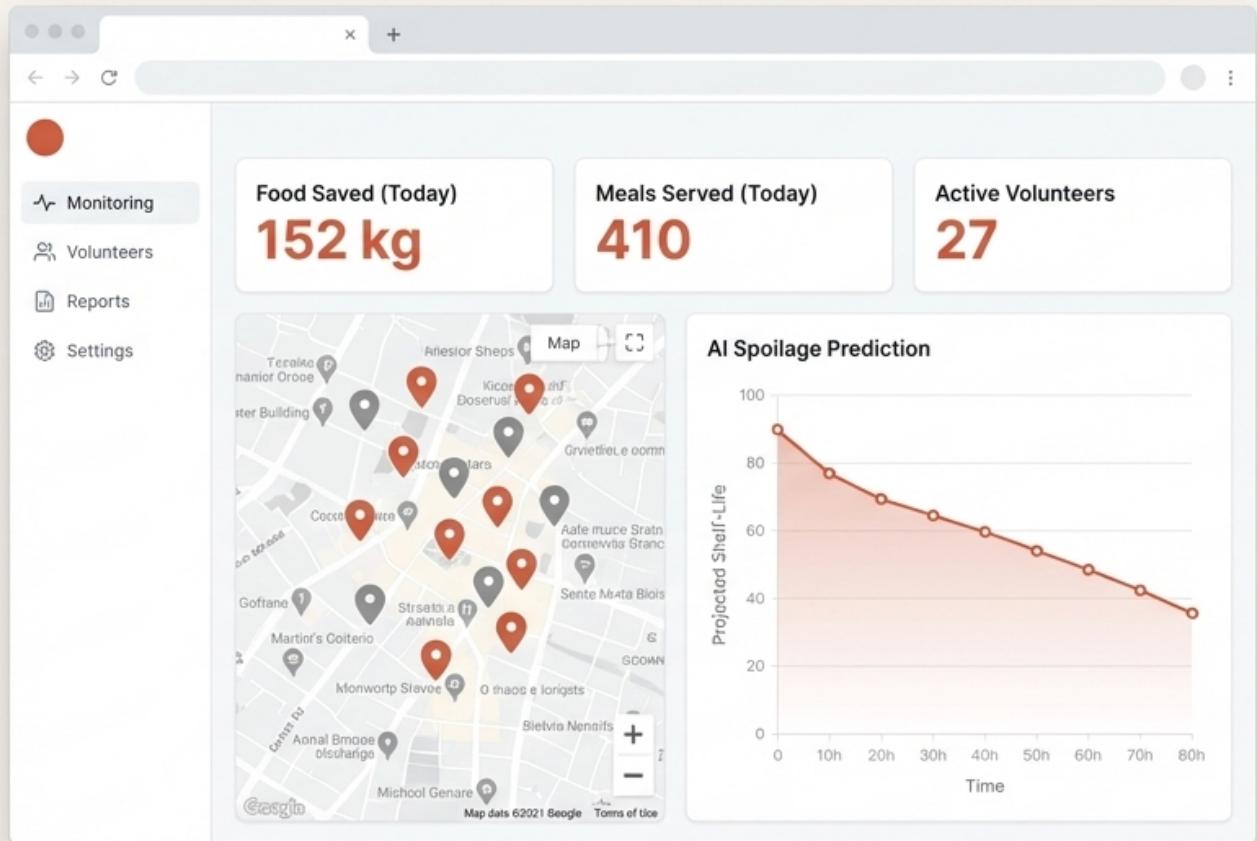


Automated Spoilage Alerts:
Instantly notifies admins and volunteers if conditions become unsafe (e.g., temperature threshold breached).

The Dashboard: Intelligence to Optimize and Report Impact.

Key Functionalities:

-  • **Centralized Monitoring:** A complete overview of all ongoing donations, volunteer locations, and IoT box statuses.
 -  • **AI-Powered Expiry Prediction:** An algorithm analyzes sensor data to predict shelf-life and prioritize urgent pickups, drastically reducing spoilage.
 -  • **Volunteer Management:** Onboard, verify, and manage the volunteer network.
 -  • **Reporting & Analytics:** Generate detailed reports on key impact metrics:
 - Kilograms of food saved
 - Number of meals served
 - Carbon footprint reduction



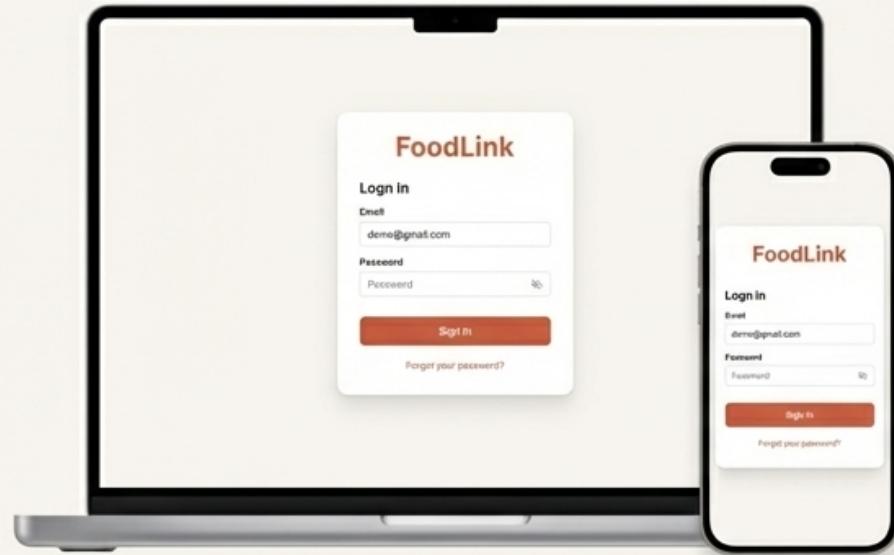
From Concept to Reality: Experience Our Live Prototype.

We believe in showing, not just telling. Our core platform is built and functional.



Scan the QR code or visit the link to explore the donor and volunteer interfaces.

<https://foodlink.pages.dev/>



Demo Accounts:

- **Food Donor:** demo@gmail.com | **Pass:** Demo123@
- **Donation Receiver:** Demo1@gmail.com | **Pass:** Demo123@
- **Donation Delivery:** Demo2@gmail.com | **Pass:** Demo123@

What Makes FoodLink Truly Innovative

Our uniqueness lies in the synergistic integration of technology to solve the core challenges of safety and logistics.



IoT for Food Safety:

We are the first to introduce a hardware component that actively monitors food quality in real-time.



End-to-End Transparency:

QR-based tracking provides full accountability, building trust among all stakeholders.



AI-Driven Prioritization:

Our expiry prediction model intelligently prioritizes pickups to prevent spoilage.



A Holistic Ecosystem:

We combine donor engagement, volunteer management, and food safety into one seamless platform.

Competitive Positioning

vs. Too Good To Go

We are a non-profit donation model for the needy, not a commercial marketplace.

vs. Robin Hood Army

We digitize and automate logistics, making distribution more efficient, scalable, and safe.

The Impact: Empowering Communities, Protecting the Planet.



Reduces Hunger:
Creates an efficient channel for surplus food to reach food-insecure populations.



Minimizes Food Waste: Prevents tons of edible food from ending up in landfills.



Environmental Gain:
Reduces methane emissions, a potent greenhouse gas from organic waste.



Fosters Community Engagement:
Empowers citizens to participate in solving a local problem.

Our Intended Beneficiaries

Food-Insecure Populations

Individuals, shelter homes, orphanages, and low-income families.

NGOs & Community Kitchens

A reliable, verified supply of safe food to serve more people.

Food Donors

A simple, transparent, and impactful way to fulfill social responsibility.

A Sustainable Model for Lasting Impact.

As a social enterprise, our primary goal is impact, not profit. Revenue is the engine that ensures our long-term sustainability and scale.

B2B and B2G Revenue Streams



Corporate Partnerships (CSR)

Annual partnership fees from corporations looking to fund high-impact, tech-enabled social projects.



SaaS Subscription for Premium Donors

A nominal monthly fee for large chains (hotels, restaurants) providing them with advanced analytics, impact dashboards, and CSR reporting tools.



Government & Municipal Grants

Securing grants related to smart city initiatives, waste management, and social innovation.

Our Financial Roadmap: From MVP to Break-Even and Growth.



The Vision for Scale: From a City Pilot to National Impact

Our Scaling Strategy



Geographic Expansion:

1. Launch pilot in a single major city.
2. Expand to other metropolitan areas.
3. Replicate model in Tier-2 cities.



Service Diversification: Adapt the platform for redistributing other surplus goods like clothing, books, and medicine.



Rural Integration: Develop a lightweight, SMS/USSD-based version to serve areas with lower smartphone penetration.



Data for Policy: Provide anonymized data on food waste patterns to policymakers and researchers to inform waste reduction strategies.



A Clear-Eyed View of Our Strategic Landscape.

Strengths

- Innovative integration of IoT and AI for food safety.
- High social impact and strong CSR appeal.
- Scalable technology platform.

Weaknesses

- High initial cost for hardware and software.
- Dependency on technology (internet, smartphones).
- Reliance on an active volunteer base.

Opportunities

- Growing public and policy focus on sustainability.
- Alignment with government initiatives like 'Smart Cities Mission'.
- High potential for corporate partnerships.

Threats

- Navigating complex food safety regulations.
- Competition from established NGOs with strong networks.
- Potential for economic downturns to affect funding.

Planning for a Responsible and Inclusive Future.

We are committed to maximizing our positive impact while actively mitigating potential negative consequences.



Challenge: E-Waste from end-of-life IoT boxes.



Mitigation: Implement a comprehensive recycling and refurbishment program for all hardware.



Challenge: The Digital Divide for non-smartphone users.



Mitigation: Empower NGOs to manage donations on behalf of non-digital donors; utilize SMS alerts for volunteer coordination.



Challenge: Energy Consumption from servers and devices.



Mitigation: Utilize energy-efficient cloud servers and design IoT boxes with low-power components.



Join Us in Building the Bridge to Zero Waste and Zero Hunger.

FoodLink is more than an application; it is the essential infrastructure for a future where no one goes hungry and no food is wasted. We have the technology, the plan, and the prototype. We are seeking partners to help us build this bridge and scale our impact.