

# Food Bridge: Connecting Excess Food with Those in Need

## Abstract:

Food Bridge addresses the critical issue of food waste and hunger by facilitating a seamless connection between hotels with excess food and nearby orphanages in need. This project introduces a web application that acts as a communication bridge, sending real-time alerts to orphanages and other relevant organizations about available surplus food at hotels.

## Motivation:

Millions of tons of edible food are discarded annually by hotels, while many individuals and organizations struggle with food insecurity. Food Bridge aims to bridge this gap by creating a sustainable and efficient system for food redistribution.

## Methodology:

- Web application development: Food Bridge offers a user-friendly interface for both hotels and orphanages to register and manage their needs.
- Real-time notification system: Hotels can post alerts about available surplus food, specifying type, quantity, and pickup time. Orphanages and other authorized recipients receive instant notifications based on their location and preferences.
- Coordination and logistics: The system facilitates communication and coordination between donors and recipients, ensuring smooth food pick-up and delivery.

## Expected Impact:

- Reduced food waste: Food Bridge diverts edible food from landfills, promoting environmental sustainability.
- Enhanced food security: Orphanages and other vulnerable communities gain access to nutritious meals, improving their well-being.
- Foster community connections: The platform facilitates collaboration and social responsibility within the community.

## Conclusion:

Food Bridge presents a promising solution to address food waste and hunger simultaneously. The project contributes to a more sustainable and equitable food system by connecting those with excess food to those in need.