

SOLA-FOOD

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PROBLEM STATEMENTS

1) Food Waste Hurts the Earth

Emits Methane (GreenHouse gas)

2) Poor Communication

communication between donor-charity
rely on inefficient platform

3) Lack of Incentives to the donor

Donors don't have motivation to support
food donation project

4) Lack of Transparency

Donors may not trust charity

OBJECTIVES

01

Reduce food waste in restaurants and supermarkets

02

Promote sustainability

03

Encourage community participation to help people in need.

**Stop
Food
Waste**



FEATURES IN THE SYSTEM

Features in existing system

- Centralized inventory management
- No reward mechanism for users

1. Tracking and logging food donations

- Each food donation is logged on the blockchain.
- All information such as type of food, quantity and donor information are stored.
- Ensuring all stakeholders can see when, where and what type of food are donated.

New features

2. Coordinating pickup and deliveries of the food.

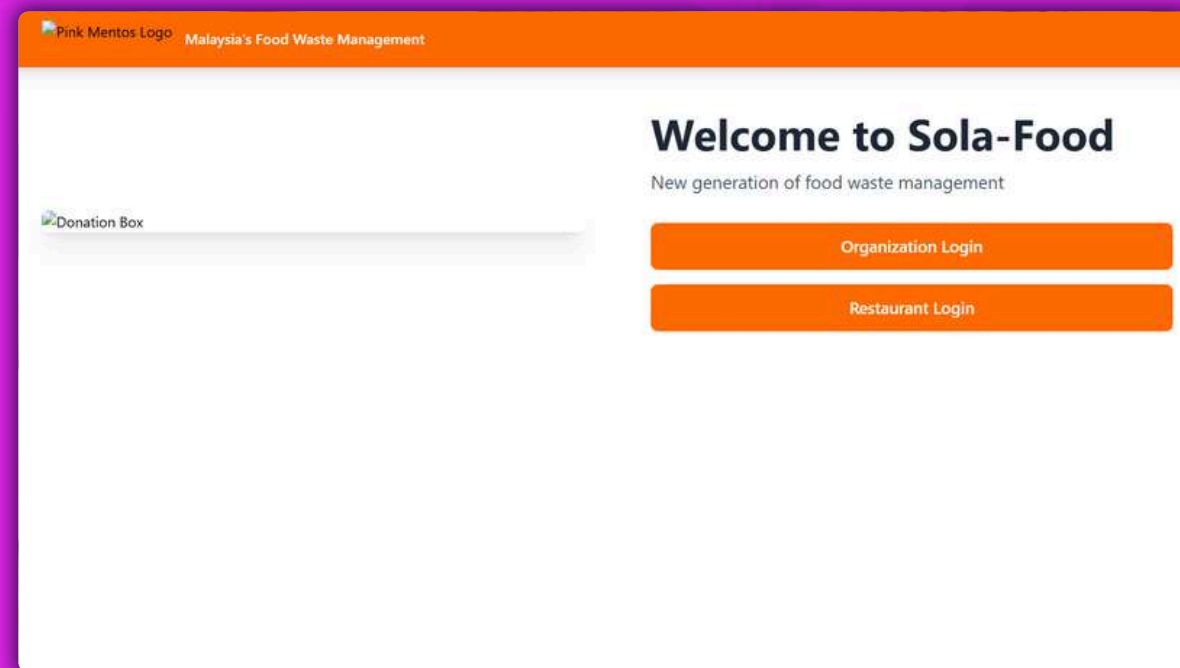
- A decentralized network connects donors with organizations to help in food distribution.
- Smart contract will automatically trigger a request to nearby logistics providers for pickup.
- Both donors and organizations can track the status of food delivery.

3. Token as rewards for every users.

- The system can give tokens to users (donors, organizations, volunteers) as a reward.
- These tokens can be used for various of things such as trading, discount on services and donations.

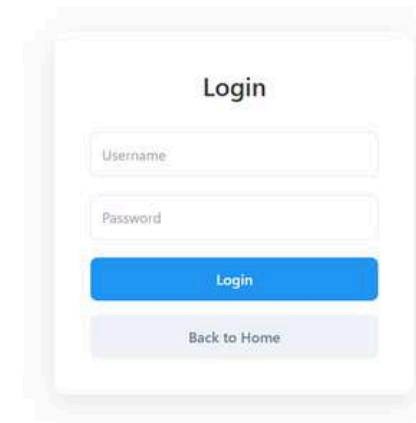
HOW IT WORKS?

STEP 1:



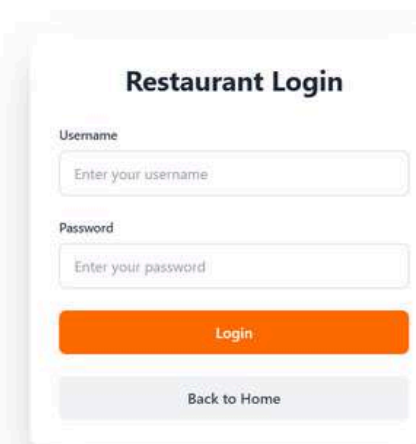
The screenshot shows the home page of the Sola-Food website. At the top, there is an orange header bar with the text "Pink Mentos Logo" and "Malaysia's Food Waste Management". Below the header, the main content area is white. On the left, there is a "Donation Box" section. On the right, there is a "Welcome to Sola-Food" section with the subtitle "New generation of food waste management". Below this, there are two orange buttons: "Organization Login" and "Restaurant Login".

STEP 2:



The screenshot shows a generic login form. It has a title "Login" at the top. Below the title, there are two input fields: "Username" and "Password". Below the input fields, there is a blue "Login" button and a light blue "Back to Home" button.

STEP 2:



The screenshot shows a "Restaurant Login" form. It has a title "Restaurant Login" at the top. Below the title, there are two input fields: "Username" and "Password". The "Username" field has a placeholder text "Enter your username" and the "Password" field has a placeholder text "Enter your password". Below the input fields, there is an orange "Login" button and a light blue "Back to Home" button.

STEP 3: ORGANIZATION

Organization Dashboard					
Donation Requests					
RESTAURANT	FOOD TYPE	QUANTITY	DATE	STATUS	ACTIONS
hameediyah	raw food	40	2025-01-11	completed	

STEP 3: RESTAURANT

Restaurant Dashboard			
My Donations			
FOOD TYPE	QUANTITY	DATE	STATUS
raw food	40	2025-01-11	completed

HOW IT WORKS?

STEP 4:

← Back

Donate Food

Restaurant Name

Restaurant Address

Type of Food

Quantity

Delivery Date

mm/dd/yyyy

Submit Donation

BENEFITS

- 01 Reduce food waste in restaurants and supermarkets
- 02 Supports Charitable Organizations
- 03 Fights Hunger and Food Insecurity
- 04 Educational Opportunities





1. Transaction-Proof Wallet for Credibility

Provide a trustful wallet from solana

2. Solana Wallet for Donor

Enhance the use of blockchain in real life

BLOCKCHAIN FEATURES



MEET OUR TEAM



AINA



DAHARI



AKMAL

THANK YOU

