**Give us-** **System for saving food and donating it to those in need**

**Background:**

Every year 2.5 million tons of food thrown away in Israel, this is also includes households.

According to studies, it is possible to prevent half of the food waste in Israel alone, that is, to save 1.2 million tons of food, We note that in Israel alone, about half a million citizens live in food insecurity.

It is possible to save the food thrown away by caterers, workplaces, events halls and big supermarkets.

In Israel, there is no response to food throwing by large businesses and also small businesses such as small supermarkets, greengrocer, restaurants, cafes and bakeries.

The system will provide an answer both for food rescue in the mentioned organizations and for food rescue from small businesses, such as small supermarkets, greengrocer, restaurants, cafes and bakeries.

**Saving food in large organizations- Report on food surpluses:**

**Large organizations:**

Event halls.

Large workplaces.

Caterers.

Food marketing.

**Report on excess cooked food:**

A large organization that has large amounts of food that is not eaten and is fit for consumption, will be able to report in the system that it has a large amount of food, thus informing the association that provides food to the needy, thus streamlining the process.

After filling in the details in the system, the system will send a report to the association, according to the organization's decision:

General reporting for all associations in the area. )1

Reporting to one or more specific associations.(2

After the organization's report, a message will be sent to the relevant associations and they will receive a report in the system about the excess food and they will have to approve or reject

In case of rejection, and provided that the organization has chosen a specific message for one association, a message will be sent to all the relevant associations automatically

In the event that the association has approved in the system its desire to collect the food, the possibility of other associations to approve will be blocked

Also, the association will be given the opportunity to repent and then send an appropriate message in the system

The association will know exactly how much food there is and which places to go to collect the food.

The organization will report the time frame in which it wants the food to be collected, thus avoiding wasting time and personnel, and wasting storage space.

This saves space, time and can also guarantee the quality of the food.

It is possible to report in the system excess fresh food, such as vegetables, fruits, breads and more, the report will be made in the same way as the report on cooked food.

**Report on fresh food - fruits and vegetables:**

Another organization, large supermarkets that have surplus fresh food, such as vegetables and fruits, will be able to report in the system and the association will be able to collect and give to those in need.

When reporting food surpluses from the organizations, it will be possible to write the amounts of food and even photograph the food for the association.

The report will be the same as the report of the cooked food.

**List of donations:**

A list of donations from big organizations will appear on the website.

There will be 2 statuses:

Green - free donation.

Red - a donation has been marked, but has not yet been collected.

It will be possible to see donations by city.

A collected donation is deleted from the list by the donor, any authorized person from the organization can delete contributions from the list, after it has been collected or is unavailable for some other reason.

**Saving food in small organizations-** **Report on food surpluses:**

**Small organizations:**

Small neighborhood supermarket.

Greengrocer.

Restaurants.

Coffee shops.

Bakeries.

**Report on fresh food:**

Another way to save food and give to those in need is a direct link between the donors and the needy people.

Many small businesses have surplus fresh food such as vegetables and fruits and also prepared food such as pastries and breads.

The quantities are not large and therefore do not justify the arrival of the association's truck for collection, but in aggregate all small businesses have large amounts of food that is los.

In the system, it will also be possible for small businesses to donate excess food and not throw it away.

Donors will report in the application the remaining food, the types of food and quantities.

Every business can become a donor.

**Receiving an alert from system:**

Needy person registered in the system will receive a notification about this and will be able to collect the food from the businesses in an orderly and anonymous manner.

The person in need will be able to define for which food he wants to receive an alert and at what distance from home.

**List of donations:**

There will be a list of all donations.

It will be possible to classify by categories, such as vegetables, fruits, pastries and breads and hot meals.

It will be possible to see donations by city.

A donation will be automatically deleted after 8 hours.

**User information:**

Each user must log in to the system using a username and password.

Large and small businesses will be able to use a business number as a username.

People in need will use email as username.

Associations will use the association number as a username.

The system will have access through a website for large organizations and associations and also through an application for small businesses and people in need.

The system will save information for small businesses and people who need a full name, email, phone number and address.

The system will save information, for large organizations and associations, contact person, contact person's email and contact person's phone number and address.

Notifications to people in need will be sent through push-up messages on the phone, SMS or email according to the person's choice, Notifications to associations and large organizations will be made by all means (email, SMS, and push up).

For associations and large organizations, small organizations, it will be possible to connect simultaneously from several devices, but access to change contact details will only be possible for the contact.

For people in need, it will not be possible to connect simultaneously from several devices.