

Food Waste Management

Team 7

Nihaas Reddy R – AM.EN.U4CSE20157

Kartheek Vishal Reddy – AM.EN.U4CSE20167

Mithil Teja S - AM.EN.U4CSE20159

Vamsi Narayanan - AM.EN.U4CSE20146

Alwin Cherian - AM.EN.U4CSE20108

Introduction

A drastic increase can be seen in food waste. As per data given by Food and Agriculture Organization (<http://www.fao.org/food-loss-and-food-waste/flw-data>), 1/3rd of food produced for human consumption is wasted globally, which accounts for almost 1.3 billion tons per year. On the other hand, also as per WHO 20% of the population face extreme food shortages. Hence there is a need to come up with a solution that can avoid food waste & can help feed the needy.

Application and Methodology

This android-based Food Waste Management system can assist in collecting the leftover food from hotels & restaurants to distribute among those in need. NGOs that are helping poor communities to battle against starvation & malnutrition can raise a request for food supply from restaurants through this application. Once the request is accepted, the NGOs can collect the food from the restaurants for its distribution. In this way this android-based food waste management system will help restaurants to reduce food waste and will help in feeding the poor and needy people.

This project will also have a chatbot which will help to guide the users and interact with them which makes this project unique when compared to the existing ones. The smart admin system makes the admin to monitor the details of the NGO and about the places where there is a waste of food.

Conclusion

We conclude that the system will try to reduce restaurant and party's food wastage by giving waste to NGO's. Benefits both the people who don't want their excess food to go to waste and the needy. User can play role in saving food wastage and help the needy.