

FOOD DONATION SYSTEM E ANNAPURNA

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Abstract In India, many people still sleep without food even though extra food is thrown away in nearby function or hotels, because they do not have any medium to share their remaining food to needy people. According to reports, around 195.9 million people are undernourished in India. We provide a platform where people can share their remaining food to people who need it. Our system is divided into two parts. First part we created a website from where the various types of users such as donors, volunteers, sponsors and food requesters. Second part is the control panel where admin/employ2v

Key Words: Food Safety, Food Wastage, Orphanage, Food Chain, Food security

1. INTRODUCTION

The E Annapurna is a volunteer based organization that works to get surplus food from restaurants to the less fortunate sections of society in The organization functions on and propagates the basic ideology of self-sustained communities across the city traditional the food distributed to the needy is sourced from restaurants, which regularly provide surplus or freshly cooked food on a goodwill basis. Our System provides both Website and Admin Panel for the E Annapurna.

The Websites showcase the work of the organization to attract volunteers, Sponsors and donors. Also we get the information of those who are in need of food through the website. The second part of the system is Admin Panel. It is used to Manage and analyze the NGO. It provides in-depth report with graphs donations, volunteers, sponsors and requests of food. It enables the NGO Admin to allocate volunteers to the specific consumer and analyze

II. RELATED WORK

A critical element in reducing garbage in low and middle-income countries are going to be improvements in food preservation throughout the availability chain Refrigeration has been utilized in the food industry for over 100 years[1],

and is employed to regulate the temperature of the environment during which foods are stored. Initial research On Designing a Node-RED Based Mobile App Using Android Using Raspberry-pi3 Was Done To monitor and control The device[2].

Each IoT Device Should be Placed In an Orphanage is a peer-to-peer network In which each device will be applied Blockchain Technology in its transaction Process as did The Research[3]. Food safety refers to the extent to which food is safe to eat. it's associated with the handling, preparation, and storage of food in ways to stop illness, injury or death within the consumer[4] In Europe the eye to the theme of the food supply chain protection has been very low within the last years; the matter has been raised by the EC report on Bio-Preparedness [6] Regulations in Europe (and partially in USA), guarantee a high level of food safety to the population [5] Security of the Food Supply Chain Roberto Setola, Senior Member, IEEE, and Maria Carla De Maggio: The food safety is then intended because the control.

Against the introduction on the market of dangerous products, or not compliant with laws and regulations. it's ever a criminal action, but during this case the aim is an economic illicit advantage for the producer or the retailer. the precise threats are identified, in terms of contamination through chemical, biological or others instruments[7]. The authors Muthukkumaran et al. have proposed a soiled waste disposal system using mobile ad-hoc networks [8] the integration of a ICTs can estimates the quantity of waste as well as monitor trash bin and collections vehicles. Arebey et al. have developed a bin monitoring system with RFID, camera, GPS, GIS and GPRS[10] A comprehensive review of IoT (internet-of-things) based food waste management are described[10][11] in faccio have developed a bin status monitoring system using various ICTs such as volumetric sensors, RFID, GPRS and GPS[9] This paper aims to contribute to an understanding of how technologies such as Internet of things can promote ecological awareness and environmentally sustainable lifestyle of students in Indian University Hostel Mess scenario.

III PROPOSED SYSTEM

In India, many people don't get daily food for a living. Whereas more amount of food is wasted through functions, weddings, schools and all. Today, in the global hunger index India ranks 102nd out of 117 qualifying countries. In India, many people don't get daily food for a living. We have developed a system to help such needy people to provide them food from these functions. People who wish to donate their leftover food contact us via our website-Annapurna is a solution for a volunteer based organization that works to get surplus food from restaurants to the less fortunate sections of society in cities across India. The organization functions on and propagates the basic ideology of self-sustained communities across the city i.e. Each locality/com...

IV. CONCLUSION

We presented Annapurna, an automatic smartwatch-based food journaling system. Through a micro-study, we demonstrated that a smartwatch-embedded camera can indeed capture such food-related images, with the preview mode providing the right balance between energy efficiency and image relevance. From this survey, we have learned a lot of things such as working as a team collecting data, Analyzing survey from, tabulating data, converting data, into charts be able to apply statistics principal in calculation, writing a report, first and foremost, design and infographic poster. Through image filtering and processing, we demonstrated that Annapurna could identify the correct images during an eating episode in over 80% cases.

V. REFERENCES

- [1] Development of a Sustainable Food Supply Chain by Post Harvest Program An Approach to a Sustainable Solution to Food Delivery and Waste Problems :The United Nations Food and Agriculture Organization
- [2] A.R.A Besari, I. k.Wobowo, S Sukaridhoto, R Setiawan and M.R. Rizquallah, "Preliminary design of mobile visual
- [3] S.Huh, S Cho, And S.Kim, "Managing Conference on Advanced Communication Technology, ICACT, 2017.
- [4] European Commission "White Paper on Food Safety" 12 January 2000, COM (1999) 719 final
- [5] European Commission Agricultural and Rural Development [16] "Asia-Pacific Economic Cooperation (APEC) to Increase Protection of the Food Supply from Terrorist Attack", News release, 15 September 2006
- [6] European Commission "Green Paper on Bio-Preparedness" 11 July 2007

- [7] Mohamad Azzam F. Sekheta, Abeer H. Sahtout, Farid N. Sekheta, Nela Pantovic and Ayham T. Al Omari "Terrorist Threats to Food & Water Supplies and the Role of HACCP Implementation as One of the Major Effective and Preventive Measures", Internet Journal of Food Safety, Vol.8, 2006, p. 30-34
- [8] Muthukumaran, P., & Sarkar, S. B. Solid waste disposal and water distribution system using the mobile adhoc network. In Proceedings of the 2013 international conference on emerging trends in communication, control, signal processing & computing applications (C2SPCA)
- [9] Faccio, M., Persona, A., & Zanin, G. Waste collection multi objective model with real time traceability data. Waste Management, 2391-2405, 2011
- [10] Arebey, M., Hannan, M., & Basri, H, Integrated communication for truck monitoring in solid waste collection systems. Advances in visual informatics (pp. 70-80). Springer, 2013
- [11] Aravossis, K., Nikolaidou, Fountzoula, C. Solid waste management through a modern innovative PAYT system. (2015) (http://aix.meng.auth.gr/ckarkanias/PAYTwebpage%20files/PAYT_TINOS_2015)