

We-Care-A Donation App

Dr. Manjula S D¹, Mr. A S Vishnu Rao², Mr. Manikanta J³, Mr. Mohammed Aftab B⁴

Associate Professor¹, Students^{2,3,4}

Proudhadevaraya Institute of Technology, Hospet, Karnataka, India

msd.mullimani@gmail.com¹, vishnu.rao2013@gmail.com²,

kanta0527@gmail.com³, mohammedaftab@gmail.com⁴

Abstract: *This application goes to assist poor people of India as through this application we are visiting distribute leftovers, clothes and books of the center class and rich people to the poor those that need this food to fill their empty stomach and garments to wear together with books to teach themselves. We have taken a path to implement our innovative ideas in the form of this project named as "We-Care A Donation App". In highly populated countries like India, food wastage is a disturbing issue. Marriages, canteens, restaurants, social and family get-togethers, and functions drive out so much food. Food wastage is not only an indication of hunger or pollution but also of many economic problems.. because of quick changes in habits and lifestyle. Instead of wasting these things we can put them to use by donating them to needy ones. This project is an mobile based android application that aims at donation for needy. The main purpose of this project is to make contribution on reducing the economic and social problems. This will help to reduce food wastage and fulfill other requirements like clothes, books, blood etc, for needy people. This Benefits in both the restaurants (reducing the carbon footprint and wastage), and the needy ones.*

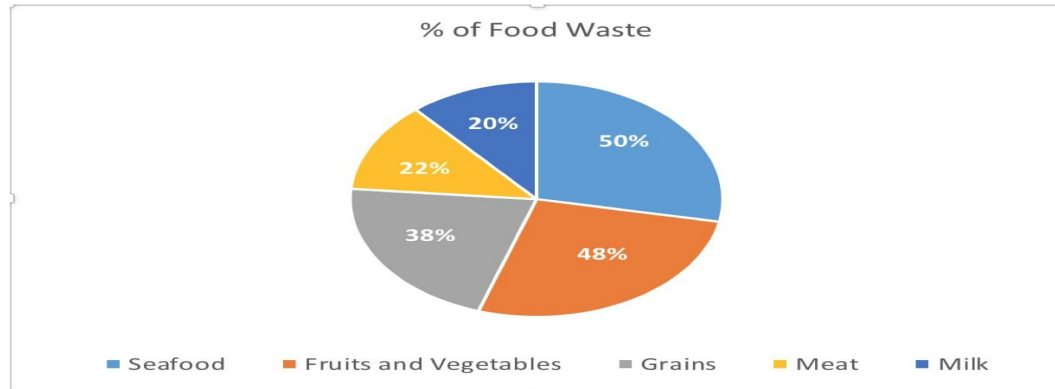
Keywords: Android Application development, contribution, donation, Goodwill, NGO's.

I. INTRODUCTION

Our Study Of platform android application development, developed to stop food insecurity, an absence of access to affordable food .Making significance contribution to diverse areas is also development to social prestige This app helps to collect the leftover food and clothes from the restaurants and from the individuals and provide them to the needy ones. Donations are collected from user's locations during their appropriate time. Volunteers can use the app to deliver food or clothes to needy according to their free time and goodwill. It would be very convenient and helpful if donations can be made with a few clicks of their android phones and items will be collected at their door steps at their appropriate hours. In India 27.5% are food insecure and don't know where their next meal is coming from. Through the "We Care A Donation App" donating food or clothes to needy has never been easier. This app provides many functionalities. The participating donors and charity homes are categorized under a wheel of development towards the social prestige of the country. For donors, you download the app, you can select the food, clothes, blood and books you want to donate, Selecting the quantity of donation, your address, and a convenient time you want the volunteer to come by. At last creating a post of the donation in the app will notify the NGO which is near to the donors location. A "goodwill" points system for individuals and restaurants can be managed so that restaurants can be benefited from this app which is willing to donate extra food and different items. This appliance helps the needy food wastage and hunger. So Thereby, a mobile based application through which people can donate items as per their capacity will be useful creating a bridge between Donor and NGO

II. LITERATURE SURVEY

The paper "Food donations employing a forecasting-simulation model" [1], published in 2016, provides an approach to live donations for non-profit hunger relief institutions. These institutions are committed to mollifying hunger round the world and rely totally on the benevolence of donors to accomplish their goals. However, the quantity and frequency of donations they obtain changes significantly over time which puts forward an obstacle in their battle to terminate starvation. A simulation model is ready to assess the expected amount of food donations obtained per month during a multiware house allocation network. A numerical survey is administered utilizing data from a non-profit hunger relief institution. The outcomes show that excellent evaluation accuracies will be accomplished with this approach. Furthermore, nonprofit hunger relief institutions can use this approach stated during this paper to foretell donations for proactive planning.



The paper 'Helping Hands' [2], published in 2016, a contemporary web-based application that gives a steppingstone for donating old goods and leftover food to all or any poverty-stricken/institutions. It provides facts and data about the encouragement to return forward with such an application, thereby outlining the present donation system and the way the suggested product works for the betterment of society. The drawbacks of this project is that there's no board available that's, at the month end the system don't get all the facts and data that what proportion things are donated or received by someone.

The paper 'Beyond food sharing: Supporting garbage reduction With ICTs' [3], published in 2016, stated that food security plays a significant role in enhancing the standard of lifetime of people in the least levels of society. the newest economic condition has raised the amount of individuals living in conditions of food poverty, especially in developed areas. Despite a growing awareness about the importance of reducing waste and controlling food surplus, the role of ICTs during this domain remains not so clear and barely documented. This paper tells us about the utilization of ICT tools to revive food surplus at various stages of the availability chain and also tell us the way forward for an integrated set of ICT tools to mitigate waste out of producers to houses.

III. PROBLEM STATEMENT

Creating a mobile application that helps poor people who cannot afford food, clothes, or the people who are from natural disasters. This app will provide a platform to users so if there are any kind of functions, leftover food, birthday parties, unused good clothes all this can be donated to the needy ones using the app. The app will provide links to flood relief or any kind of natural disaster donations links in the app.

IV. PROPOSED SYSTEM

The proposed system is a mobile based application which provides a platform to the people for donating their left-over food together with books and garments to all or any the folks that are in need of those items. Through this application people can effectively donate food (left-overs) and stuff from their homes or workplace conveniently through internet. the appliance for food donation acts as an interface between the users who are trying to find a channel to grant the surplus food without wasting it. It enables us to donate the surplus food by notifying nearby users with the small print of the available food. the specified users claim the notification. The system allocates the food items supported priority.

V. METHODOLOGY

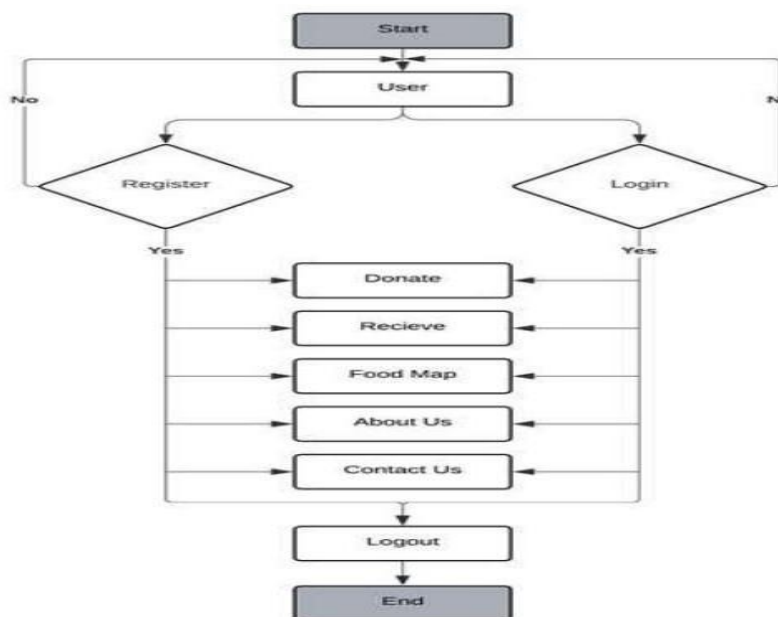
The application is intended in such some way that the users have two options to pick out.

- If the user looking to donate food, login using username and password then add the below information within the application.
- Name of the food item and also the excess quantity.
- Location of the user using GPS.
- Contact address details to assert excess food.
- The donor's information is posted on the appliance and any number of users can claim the food.
- If the user is saying the food, then he has to enter the contact details of the organization that he belongs to with the address.

- The system is meant in a very way that one or more users can claim the food. If there's quite one user to assert the food, then the appliance does the work scheduling, and therefore the request is accepted to the user on a priority basis.
- The success rate is calculated supported the impact of reducing the hunger rate.

VI. DESIGN OF PROPOSED SYSTEM

- Consistent user interface with high economic features built into it.
- System design in a modular and structured way to make the integration with other subsystems easier.
- User-friendly error messages are provided wherever necessary.
- Providing add a question for new Person.
- Addition, deletion, modification of records as to when needed.
- User has complete control as it provides and accepts only appropriate and valid data.
- System design in a modular and structured way to make the integration with other subsystems easier.



VII. CONCLUSION

If this application will reach to all or any the people of India then it's visiting bring joy in lifetime of many of us as some will feel happy by donating food, clothes and books and therefore those who will receive these things will feel euphoria. This application can play a serious role to assist India become more developed in coming future by making all the citizen of India happy and prosperous. This application will help those folks that suffers from malnutrition and salvation, those who can't get books to teach themselves, and folks who must wear same torn old clothes in their existence. This can be an initiative taken by us to assist the citizen of our country by making their life easier.

REFERENCES

- [1]. Amir Saxena, Khushi Verma, Aadi Patil, "Development of a food supply chain by PHP" <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2610113/>
- [2]. Dhruvi Shah, Adnan Ansari, Ruchi Sharma, "Helping Hands" <http://ijsrd.com/Article.php?manuscript=IJSRDV4I110485>
- [3]. Aaron Ciaght, Adolfo Villafiorita, "Beyond food sharing: Supporting food wastage reduction using ICT" <http://esatjournals.net/ijret/2016v05/i04/IJRET20160504058.pdf>

- [4]. Divyesh Jethwa, Ayushi Agrawal, Rohan Kulkarni, Leena Raut, "Food Wastage Reduction Through Donation" <https://www.ijrter.com/papers/volume-4/issue-3/food-wastage-reduction-throughdonation.pdf>
- [5]. R. Adline Freeda, M. S. Sahlin Ahamed "Mobile Application for Excess Food Donation and Analysis" http://www.ijirset.com/upload/2018/n3cit/13_CONFERENCE%2030.pdf
- [6]. Komal Raut, Nimesh Shah, Akash Thorat, "Food donation portal" <http://ijarcet.org/wpcontent/uploads/IJARCET-VOL-5-ISSUE-4-906-908.pdf>
- [7]. Hunger in India - <https://www.indiafoodbanking.org/hunger>
- [8]. Cause of hunger - <https://www.actionagainsthunger.in/hunger/underlying-causes-malnutrition> [9]. Global Hunger Index -- <https://www.globalhungerindex.org/india.html>
- [9]. Nutrition and Food Security - <https://in.one.un.org/un-priority-areas-in-india/nutrition-and-foodsecurity/>
- [10]. Wang, I. K., Qian, L., & Lehrer, M. (2017). From technology race to technology marathon: A behavioral explanation of technology advancement. *European Management Journal*, 35(2), 187-197.
- [11]. Bock, D. E., Eastman, J. K., & Eastman, K. L. (2018). Encouraging consumer charitable behavior: The impact of charitable motivations, gratitude, and materialism. *Journal of Business Ethics*, 150(4), 1213-1228.
- [12]. Sarrab, M., Al-Shihi, H., Al-Khanjari, Z., & Bourdouce, H. (2018). Development of mobile learning application based on consideration of human factors in Oman. *Technology in Society*, 55, 183-198.
- [13]. Zhong, Z. J., & Lin, S. (2018). The antecedents and consequences of charitable donation heterogeneity on social media. *International Journal of Nonprofit and Voluntary Sector Marketing*, 23(1), e1585.
- [14]. Liu, L., Suh, A., & Wagner, C. (2018). Emphathy or perceived credibility? an empirical study on individual donation behaviour in charitable crowdfunding. *Internet Researchm*, 28(3), 623-651.
- [15]. <https://www.tutorialspoint.com/java/>
- [16]. <https://www.javatpoint.com/java-tutorial>
- [17]. <https://www.guru99.com/java-tutorial.html>
- [18]. <http://www.w3resource.com/java-tutorial/>