

A WEB BASED APPLICATION TO DONATE ESSENTIAL TO NEEDY THROUGH NON-GOVERNMENT ORGANIZATION

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Abstract: This study focuses on developing an Online NGO website that supports multiple NGOs containing location and contact details, especially during this outbreak of COVID-19, which has left people from various parts of the world without their daily necessities. NGOs are a non-profit group that functions independently of any government [4]. While "NGO" has different translations, the term is for the most part acknowledged to incorporate non-benefit, private associations that work outside of government control. A few NGOs depend essentially on volunteers, while others support a paid staff. There are many NGOs that have been trying hard to help people in these trying times. But the people can't go outside during these days and risk themselves while trying to help and donate to these NGOs. Our website targets this by having the donors fill just a standard form and based on their location, their details will be forwarded to the nearest NGO. This allows NGOs to directly communicate with potential donors.

1.INTRODUCTION

In the past few months, we faced one of the biggest and deadliest pandemics ever witnessed. The pandemic not only claimed lives through disease but also through unemployment, poverty, and starvation. A lot of people suffered not directly but indirectly because of this pandemic. Because of a complete lockdown of nations, many people lost their jobs. The families relying on daily pay jobs suffered severely due to this pandemic. Some even lost their lives due to starvation. A lot of these populations turned to various NGOs for help. The NGOs helped them with all they have got. But due to limited supplies, even NGOs found it difficult to help such a mass population. As the donations coming in were limited [6]. A lot of common people tried to help NGOs with supplies but many of them were scammed by different fake organizations. People wanted to donate for good, but there was no reliable source to confirm the credibility of NGOs. Many imposters scammed people online as well as offline. Also, even if the people wanted to donate, they didn't know where to donate. So, to overcome this problem we came up with an easy and reliable solution. With the website proposed by us, there won't be any doubts while donating. As the NGOs will be already verified and checked, a lot of scams will be avoided. People can check the credibility of any NGOs nearby them just with one click. This will help to close the gap between the donor and the needy. The donation will go in good and responsible hands and the needy will be helped just through a few clicks

2.LITERATURE SURVEY

There are numerous different papers that chipped away at the gift for individuals utilizing various techniques and distinctive innovation. Be that as it may, in our paper, we are here with another gift site that has never been presented till now.

Xianchen Zhu, “Developing a Reliable Service System of Charity Donation During the Covid-19 Outbreak” [1] in this paper, they have built up the practicality and dependability of building up a cause gift administration framework stacked onto the blockchain in light of noble cause administrators' unpredictable help requests because of the Covid-19 pestilence. With blockchain innovation's help as the hidden information book, this paper centres around the functional issues of good cause gift asset and material designation and data delivery and sharing, noble cause gift association, and association self-administration. The paper subsequently examines the critical advances as far as generally speaking construction plan, explicit assistance area, and utilitarian plan of the gift administration framework and further sums up the operational instrument of the framework as joined with the requirements of help-chasing, getting, and the executive's clients. The participation of charitable organizations mainly focuses on the provision of materials and funds, which can quickly grasp the situation of disasters and mobilize resources based on rapid response intelligence systems when disasters occur.

Anggy Pradiftha Junfithrana; Euis Liani; Miraz Z. Suwono; Dika Meldiana; Ade Suryana “Rice Donation System in Orphanage Based on Internet of Things, Raspberry-Pi, and Blockchain”[2] in this paper, the application is intended for specialist organizations, donors and rice providers. This paper proposed an IoT-based System where rice stocks in shelters can be identified by the raspberry-Pi which is associated with the sensor, information change from raspberry-Pi associated with the organization that can be gotten to and checked by portable application. It is utilized to defeat an issue for givers and halfway houses in dealing with the accessibility of food saves. Raspberry-Pi is used to peruse the information produced by the substantial sensor, which is a heap sensor that distinguishes the measure of rice in kilograms. The information estimated will be shipped off the data set by the gadget to the data set worker situated in the cloud and perhaps accessed by the versatile application.

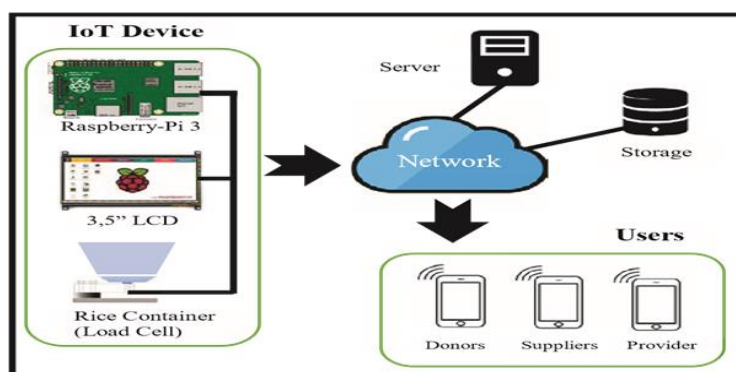


Fig. 1 System Architecture Diagram

Suraya Masrom, Abdullah Sani Abd. Rahman, Farah Norliyana Azahar, Nasiroh Omar,” Food for You (F4U) Mobile Charity Application” [3] the Food for You (F4U) versatile foundation application has created no sweat the weight of impecunious people groups, who need food to keep living. At the same time, the application is likewise useful in diminishing the food squander issue. While there exist a couple of versatile cause applications, none of them gives associations between the poor, donators, and food providers to determine the food squander issue. This paper gives a highlights examination concentrate on a few foundation portable applications, characterizing the restrictions of the application and presents the F4U versatile cause application. The framework stream and general design are additionally depicted in this paper, including the convenience trial of the framework. All in all, the

crucial capacity that ought to be given by the versatile application is. Permit clients to enroll either as a poor, donator, and provider. Permit clients to login into the framework. Permit clients to see their profile and make changes to their record profile. Give clients maps outline that shows the accessibility of free food from donator, selling food from providers and solicitation food from penniless with every one of it appearing by a marker on the guides with various tones. Permit clients who register as a donator to give food, cash, and administrations to those penniless who don't approach this application and purchase food from the provider and give them to the destitute. Permit clients to see release news

3.PROPOSED WORK

The main objective of the website is to provide a system that connects needy to the donor through different NGOs, by providing the NGOs with the supply they need on a single online platform. This can be achieved by providing a portal to the NGOs where they can simply log in and post their needs and get donations accordingly from the willing donor. Also, the website helps to identify the genuine NGOs through the search and verify option present on the website. This will help to keep the donors safe and ensure that their donations are going to authorized and trusted organizations to prevent any scams. The website will have a list of all the NGOs authorized by the Government of India so that any citizen/user of the website can easily check the credibility of any NGO approaching for any kind of donations. For any NGOs to register on the website to post their need/ get donations, the NGO has to simply apply for the registration through a single click. Once verified through various means, the NGO will be registered and can start its operations through the website. Then the NGO can post their needs or can also be directly approached by any willing donor. For any willing donor (citizen/organization) to donate anything on the website, they just have to fill a single form with basic information about the donation. Also, they can simply click on the need posted by the NGO and donate without any hassle. There is no registration process for the donors. Any donation made can be tracked by a token number obtained by the donor while filling the donation form. Once the form is filled, the concerned NGO will be informed about the same with the necessary details so that they can verify and receive the donation by the agreed means. As it is a single platform with multiple authorized and verified NGOs to donate, it will save a lot of time and money for both parties. Also, through this website NGOs can get the supplies much more efficiently without much hassle. As the platform is safe from scammers and authentic, this website is a perfect donation platform for donors as well as the needy.

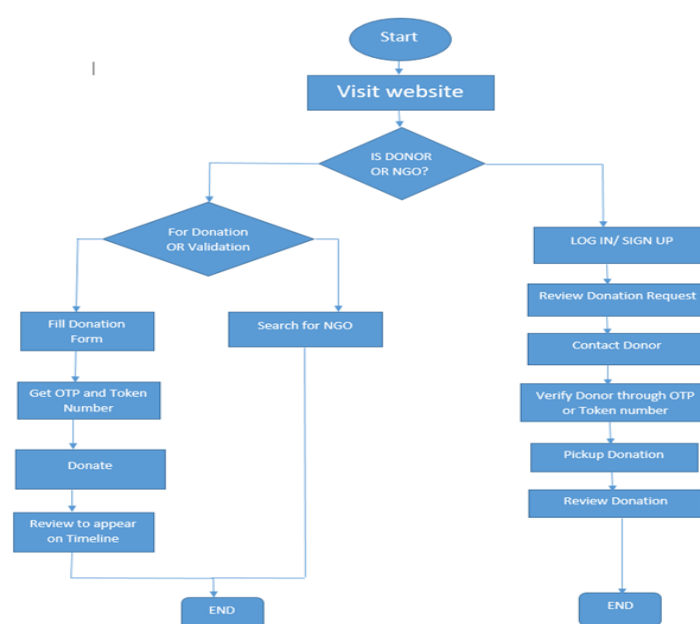


Fig. 2 Flow Diagram of the Proposed System

4.EXPERIMENTAL RESULT

The outcome of the developed system is it resolves the gap between the donor and NGOs. A list of NGOs will help people to find out the nearest NGO. To Donate essentials people just have to fill a single form as shown in Fig. 3. People wouldn't have to follow many processes to do donation no sign-up and nothing. In the form, they have to fill in details of the donation and their basic details such as name, phone number, address, and what they have donated.

Fig. 3 Donation form for Donors

. The information of the donation will be delivered to all of the NGOs of the Website then the one who picks up the donation request first will get the donation. After the successful pickup of the donation, the donor's name and what he/she has donated will be displayed on the home of the website as demonstrated in Fig. 4. Showing the donation on the website encourages others and the person also gets satisfied that their help went to the right place.

Fig. 4 Homepage of Website Where Donation are seen

Sometimes language became the barrier for the person to perform some tasks. So, to remove the language barrier the Website has been made in numerous languages so that individuals having issues with language can likewise utilize it without any problem. as shown in Fig. 5. Not only donors but the NGOs can also use the website in other languages.

Fig.5 Different Language

5.CONCLUSION AND FUTURE WORK.

People groups utilize versatile applications for different purposes and the pattern is expanding from one year to another. Consequently, this site can possibly get countless clients and accordingly useful to settling the neediness, appetite, and food squander worldwide issues. On the off chance that individuals could give each and everything by sitting at their own places, because of this explanation the donation percent will increment Furthermore, with the further developed innovation we will build up the site and make it an easy-to-use entryway, a few upgrades are feasible to be done to expand the site capacities, for example, to incorporate google scientific for every one of the clients, notice news and missions.

Later on, the framework can be moved to a versatile application for simple use and monitoring. In expansion. The framework can be created so that individuals could see the fundamentals accessible in the NGOs and can give according to the NGOs

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