

€-Katrit : An Android Based Integrated Donation App for NGOs

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ABSTRACT

An Android App which contain all things in just a single App that is the reason our app is called as "€-katrit". Our application will be the total tolerating stage for the things which individuals need to give without login into another destination. Likewise our site comprise of various required rundown from numerous NGO which will acknowledge our client's gift. Along these lines, that our client will have full confidence in us that we are not making any illicit utilization of their donation stuff. Our client will have the full track of their package. Consequently there is no compelling reason to go for a specific site for a specific gift; anybody can give every one of the things here by choosing their classifications according to the client's necessity which is valuable for benefactor.

Keywords : Arduino, Wi-Fi (ESP 8266), Load cell, Database System

I. INTRODUCTION

Serving for the society through technical and software skill. Our android application consist of utilization of left over stuff or product which can be utilized by needy one. We include residential people, hospitals, education institutes, restaurant etc. which can help people like orphanage home, old age home, and society help needed people by their left over stuff.

Everyone who want to donate left over stuff can register in this android application. The people who wants to donate anything have to upload details on website in the form of picture or by writing details of the donation., with the help of GPS donation is submitted with the location of donor, and Donation request is updated. As per details we will send vehicle to receive load and send it to needy people. Incorporate private individuals, healing facilities, training foundations, eatery and so forth which can help individuals like halfway house home, maturity home, and society help required individuals by their left over stuff. Everybody who needs to give left over

stuff can enlist in this site. The general population who needs to give anything need to transfer vital client's points of interest on site. According to points of interest we will send vehicle to get stack and send it to poor individuals. It contains distinctive modules and for each module we make database by utilizing sql. Our site is the total tolerating stage for the things which individuals need to give without login into another locale. An Android App which act as a common platform for different type of donation through same app, that facilitates NGO's & User to make donation process really simple and easy.

II. PROBLEM FORMULATION

An NGO is a non-profit making agency that is constituted with a vision by a group of likeminded people, committed for the uplift of the poor, marginalized, unprivileged, underprivileged, impoverished, and downtrodden and the needy people. Their activities have helped meet the changing needs of the social system. However they are facing some problems.

Due to lack of social awareness and difficulty in access to the NGOs in various areas, the donors are not having easy access to the required NGOs. The application will help a donor to find required NGO nearby his area and other areas depending on the type of donation. The donor will be notified when and where an event is going to take place and both the NGO and donor will be able to communicate with each other easily

III. LITERATURE REVIEW

Hasmath, Reza; Hsu, Jennifer Y. J., eds. (2015):The author suggested that the number of non-governmental organizations (NGOs) in China has dramatically increased in the past two decades. The approximately 440,000 officially registered NGO's along side a greater number of unregistered ones – operate in a spectrum of activities, such as education, poverty alleviation, community development, the environment, and health, and offer a variety of services and support for, often, marginalized groups in Chinese society. In effect, the relatively recent proliferation of NGOs in China suggests the potential dawn of a turning point in China's state--society relations[1]

Thomas Davies (2013) States that: He seeks to provide a new perspective on the development and transformation of transnational civil society by analyzing the “deep historical roots” (p. 5) of both the Western and Eastern origins of INGOs. He subdivides the historical development into three distinctive waves and provides an analytical framework that allows for a close examination of the underlying dynamics.

Davies, a senior lecturer in International Politics, presents a highly readable book that offers a thorough analysis on the evolution of transnational civil society and the factors influencing it over the last few decades.[2]

David Lewis, Nazneen Kanji (2009) States that: NGOs are no longer „flavour of the month“ in either mainstream or alternative development circles, as once perhaps they were during the 1990s. The idea of NGOs as a straightforward „magic bullet“ that would help to reorient development efforts and make them more successful has now passed (Hulme and Edwards 1997). In the media, NGOs no longer have the relatively easy ride they once did, and it is not unusual to find them criticized as ineffectual do-gooders, over-professionalized large humanitarian business corporations, or self-serving interest groups.[4]

S.L.Goel and R.Kumar (2004) States that: Most of the NGOs use suspicious methods and lack transparency. In ancient India, persons associated with NGOs were men of character with spirit of service and dedication. Today NGOs are not functioning well. NGOs face various challenges of 21st century like need of honest and dedicated persons to run the NGO. NGOs need to practice ethical values, need of transparency in functioning.[6]

Yatish Misra, (2002) States that: A study on grassroots level organizations and rural development was conducted by Yatish Misra in Gaya district, Bihar with the primary objective of analyzing the existing system of decentralization and propose an all-round development of rural areas. As the people's participation in local administration and rural development programmes was minimal, targets set by the government were not achieved at all. The study highlighted a high level of flexibility and dedicated human approach of NGOs that could accelerate the momentum of rural development. Panchayati Raj Institutions were capable of responding to the needs of people promptly and implementing the rural development programmes efficiently but for the intervention of the politicians.[7]

IV. PROPOSED SYSTEM

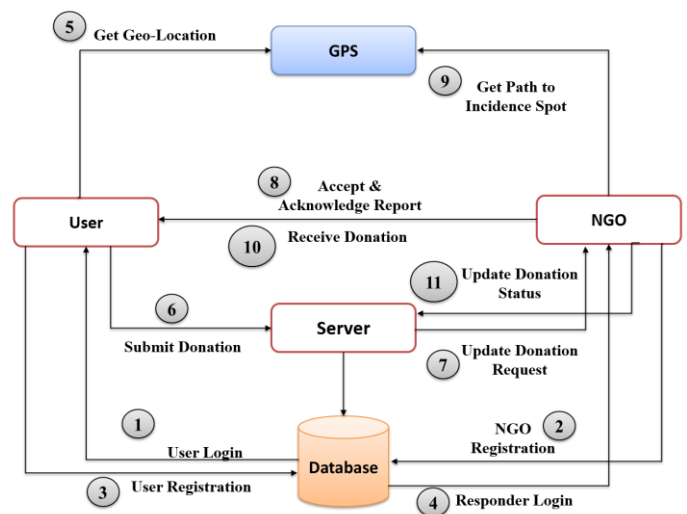
The proposed system provides a platform for donors and various NGOs to reach out to each other. A user who is willing to donate to an NGO may not know if the NGO requires his donation or what cause the NGO works towards. So instead of contacting each NGO separately, a user can simply login to the app, upload his contact details and the product he wants to donate, whichever NGO requires his donation can contact him and the donation can easily take place offline. The inconvenience that a user faces in calling up every NGO and asking if they require the donation is solved with the help of this application. There are various methods by which one individual can reach up to an NGO. But because of lack of initiatives taken by those NGOs, they fail to attract donations in various important fields. Even one can find applications on an android device, but still they are not that efficient to give appropriate information to a user. Some NGOs take initiative and develop their own app or they make their own website. But that's not sufficient. User cannot choose which NGO to go with and donate. Due to lack of information, donors are not able to reach a specific NGO easily.

The achievements and success of NGOs in various fields and the excellent work done by them in specific areas is no doubt a tremendous task that has helped to meet the changing needs of the social system. However, in spite of its achievements in various fields, NGOs are facing different problems which differ from organization to organization, region to region. Even after doing a lot of events and social work, NGOs find it difficult to find donations. The applications which are available on android device are either for a particular NGO or just about information of different NGOs in a state. But there isn't a single platform where a group of NGOs can communicate and are available to people. Our application will help a user to find NGOs near his location. The system will also provide information of all the registered and working NGOs near him. It will also give information about what a particular NGO does in a specific field like

rural education, helping poor, orphanages, aged people, etc. The user will be able to notify a particular NGO what he wishes to donate and the respective NGO will collect the donation from the user. It will give updates about recent activities organized by NGOs and upcoming events.

Figure shows the detailed architecture of the proposed system. Firstly the system will have the feasibility for user registration and NGO registration. After registration user can login in to the App, using the login Id & Password. For Submitting a donation request, user will have to go for new donation option. Here User needs to take few snaps or pictures of the product or item to be donated. After this user will write some description about the product and will click on get location icon. The location of the user will be automatically fetched using GPS. Now all this details will be stored to database when user will click on submit button. As soon as user clicks on submit the donation request will be updated on the App. All the registered NGO can see the request. Any NGO who wants to accept the request can accept it. Once the donation is accepted by the NGO, It will not be available for other NGOs. Now the NGO who accepted the donation can contact the user and can collect it from user location. To help the NGO Representative in locating the user address, the location will be shown on google map.

BLOCK DIAGRAM



V. FUTURE SCOPE

The final outcome of the project is an Android App which act as a common platform for different type of donation through same app, that facilitates NGO's & User to make donation process really simple and easy. It facilitate the user for an easy and genuine way of donation. In future, the system can be upgraded to include monetary donation.. New way can be implemented to motivate the users for more active donation .Apart from this the system can be developed for more simple way for Organ (e.g. EyeDonation) or Blood Donation.

VI. CONCLUSION

We proposed an Android application which will use as a single platform for multiple types of donation. The advantage is use of technology for maintaining the record and easily available the resource. Reduce the paper work and checking availability and keeping online record of stock and money.

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