"Blood Donation System Based On Android Application"

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Abstract

This Project is aimed to developing an online blood, clothes, food and money donation. The entire project has been developed keeping in view of distributed client server computing technology in mind. Through this application any person who is interested in donating the blood, money, clothes and money can register himself. Admin is the main authority who can do addition, deletion, and modification if required. The process of managing the blood bag that is received from the blood donation events needs a proper and systematic management The process of managing the blood bag that is received from the blood donation events needs a proper and systematic management The process of managing the blood bag that is received from the blood donation events needs a proper and systematic management. The process of managing the blood bag that is received from the blood donation events needs a proper and systematic management. The process of managing the blood, food, clothes and money bag that is received from the blood donation events needs a proper and systematic management.

Key Words: -EGO's,donationtype,donors.

1.INTRODUCTION

The entire project has developed keeping in view of distributed client server. Inthis project who is intrested in donating (clothe,blood,food,money)first we login to our system. Then u will donate like clothe food and money to NGO. User will donate blood to blood bank. the project is to build anapplication program to reduce manual work of managing and also a nease for the donors to donate Bangladesh is an emerging country. Every year many natural disasters like Sidr, Ayla, Tsunami, Cyclone, Tornedo, Flood etc. took place in this country. At that time Innumerable people require help to over come from those disasters. There are also so many people who are suffering from immeasurable financial problems. Besides, there are many unwanted incidents took place in Bangladesh, like garments burning, building collapse, road accident etc. There are many kind people, who wants to help those people through donation. "Donation System" is such an application which will help them to accomplish their donation. "Every single time you help somebody stand up, you are helping humanity rise - Dr. Steve Maraboli". Here, helping a single person means helping his family, society and ultimately the nation.

1.1.Problem Statement

The world today consists of technology that is breaching great heights and breaking records of its own. The generation today is not willing to do hard work instead they prefer the smart work.

Most people are using advanced technologies and devices in their daily life like internet, smart phone and other devices and technologies. Even with the advancement of such emerging technologies, there is not many options and advancement in the field of blood donation.

So far all the blood donation related application provide only basic information   s, they don't provide live location of the blood donor. The existing application has issues such as unprovided contact information updating, information about nearby donors.

In the proposed work, we can identify the nearby donors and their latest contact information is possible by live tracking and mobile synchronization. In these application there will modules for donor, Receiver and Health and Welfare Department.

Donor has to register himself to use this improved system. For Receiver, no need to call in every blood bank to check the blood availability, they can search in our app itself. The development of a Blood Donation System depends on android-based application.

1.2. Motivation

eliminating smaller the action radius of a Ponzi scheme Take a look at the history of previous contributions This will help you find out where your donation is headed. So far, we have made an only fleeting reference to the gift, but we are preparing to expand upon it. We get our best ideas from the from all the information we use in our research. We use evidence to discover the many diverse possibilities and facets of impact it can have on the brain, and it gives us boundless fuel for intellectual stimulation. Let's look at the facts: the irony is, as we take a look at the numbers, we face glaring inequities.

2. LITERATURE SURVEY

Rehab S. Ali, Tamer F. Hafez, Ali Badawey Ali and Nadia Abd-Alsabour, "Blood Bag: A Web Application to Manage All Blood Donation and Transfusion Processes"[1],As Presented, Many lives could be lost due to the difficulty in obtaining a proper blood bag, Therefore, this work aims to help citizens fulfill their needs for a safe and reliable blood group by searching for and locating a specific blood group. In this paper, we illustrate the problem of the blood bags shortage which is represented in the uncontrolled blood banks and parallel markets, lack of awareness and confidence, disappearance of the rare blood groups, and the difficulty in finding a specific blood group. Hence, we proposed the Blood Bag web-based application that is connected to a centralized database to gather and organize the data from all blood banks and blood donation campaigns .The proposed application organizes and controls the whole critical processes related to blood donation, testing and storage of blood bags, and delivering it to the patient.

Muhammad Fahim, Halil Ibrahim Cebe, Jawad Rasheed, Farzad Kiani, "mHealth: Blood Donation Application using Android Smartphone"[2], In presenting a new wellness horizons, health programmes through smart devices and networking systems, it helps people keep their disease well and active through its assistance. In blood donations, there are people who may be incompatible. This is complicated in health care facilities because of the time and the complexity of the method of finding compatible donors. We created an android based blood donation solutions that makes a link between the requester and donor available at any time and place or place as well as anywhere. The aim of this application is to provide the local details on the blood and blood donors This helps the requester to reach as much of the volunteer managed blood network by combining both the software and the message and updates to make the donor's record easy to find, and saves time on each iteration of it. to see how our application is evaluated, we build profiles for those who request and those who give to help to identify applicants that increase the speed and answer in times of knowledge in an emergency

Lenon Guimaraes Alpio, "Analyzing Electoral Donations Through Congress Ideological Segmentation"[3], In the way I've seen here this paper explores the hypothesis that donations to Brazil's congressional campaigns come from companies that align with political ideologies; that is, whether the recipients of those donations belong to specificif political, and whether they follow these ideologies is of their own or not is irrelevant to the selection of the clients In order to test the theory, we developed a network on the basis of these members' voting habits, we created the Dáil constituency map and applied Louvain's method to split it into communities, which distanced the members to facilitate comparisons. With regard to the parties' collective practises, we evaluated the data - such asMorality and Involvement - likeTurnover and Involvement, which represent societies - - afterwhich we investigated how individuals who received donations from Ita, Copersucarcil, Arcilst, and Arcemia dispersed them in various neighbourhoods. According to our research, political affiliation doesn't appear to be a consideration in company giving, which implies that there are ulterior motives behind these contributions.

Hunor Hegedus,Kata Szasz,Karoly Simon, "Blood Notes: Software System for Promoting and Facilitating Blood Donation"[4], Though the paper demonstrates how corporate donations to Brazilian congressional campaigns have here have two qualities: they can be sourced from one place or from several, whether or not they are applicable to the recipients' point of origination alludes a common, populist, and/far-left donations; rather, a certain clients identify the donors' underlying business and political affiliations in order to test the hypothesis, we built a network on the principle of these members' voting habits and then measured its abilities to break into communities to enhance the similarities among the districts, we carried out a process in Louvain used to delineate them and enumerate with respect to the groups' practises, we studied how people who got donations from Copercil, Arce, Arcem, and Armia spent them in different neighbourhoods. There is no evidence that one's political party membership influences whether one gives one's money in the current political climate. It seems that companies only support certain candidates who are supportive of their business interests.

K V Sai Krishna, P V Indu Bhanu, B.Valarmathi, "Smart Donation Machine - Automation of donation process using Arduino"[5], as presented, this is an effort to aid causes, the central aim is to make it easier for us to donate to them There is a humanitarian organization's hope to grow by touching as many individuals as possible and snapping the civilians who serve them. The effort is geared towards benefiting as many of those who serve the citizens as possible and is committed to it, for the organisation to become prevalent in social media. Instead of batch-based, this project uses real-time technologies to enhance the work process of being computerised.

3. SYSTEM ANALYSIS
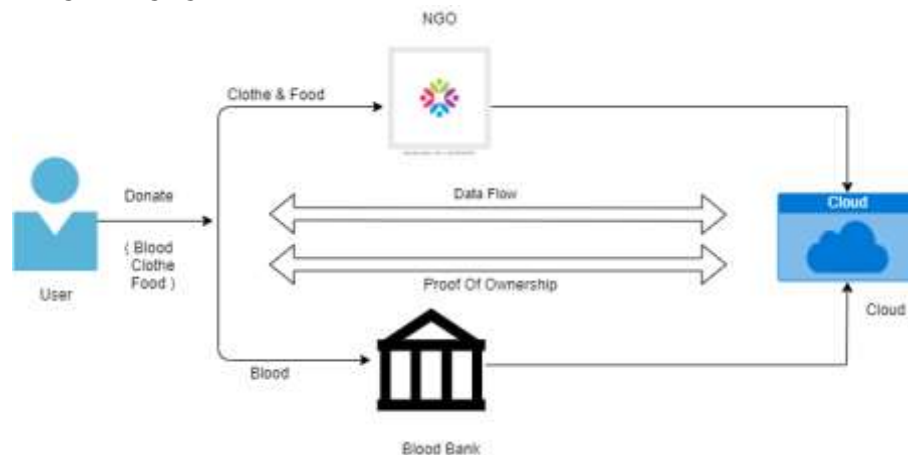## 3.1 SYSTEM ARCHITECTURE

Fig. System Architecture

3.2 Module
• User:

User can donate Blood To the NGOs. They can also request for blood requirement for particular type of blood group patient.

• NGO:

Non-government organisations are connected to both the victims and the blood centre. via the use of consumer NGOs, they are able to gather blood For individuals and blood banks, it's in the middle of the road.

• Blood Bank:

Blood banks store a variety of blood types in various depots. They are in an emergency situation where they can supply blood with the quickest

5. CONCLUSIONS

So, from our observations, we arrive at the conclusion that in our scheme, With the help of a registry, the donor becomes part of the database. When people are logged in as donors in, the machine asks if they wish to donate blood, it requests that they go on to the food bank or the clothing bank before accepting. Allows DonorTrack to record and flag donations in excess of defined limits.

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