Blood Donation Application
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Abstract:
Android is a new generation technology used by everyone. It is very difficult task in accident case to get blood immediately on time. Hence to reduce this problem we make android blood donation application. This application allowed fast blood donation and easy to make handle issues related with the blood availability in the blood bank. And also find nearby donor in the same area. It also gives the notification to the donor.

Keywords: Android, Blood Donation

I. PROBLEM STATEMENT
In spite of the availability of the potential blood donors not more than 5% of the total Indian population donates blood. Advancement in medical science has increased the blood demand. Also blood-donors usually don’t come to know about the need for blood. These reasons motivate us to develop a more efficient system that will assist the present blood donation system.

II. INTRODUCTION
Most of the people who related with the medical field and apart from the medical field people who want the blood immediately. That kind of people actually helps this application. This application stored all the data of the donor which really help to find the people with the same blood group in the nearby area. Many times the blood bank system does not have sufficient amount of blood requirement this situation the application is usable.

ANDROID TECHNOLOGY
This application is based on the android technology. The number of android user is increase day by day. It is a very tedious process to go and find the compatible blood donor with the help of application only one touch we get the donor. The application has all the database of the donor age, name, address, blood group etc. at the blood bank side also updated where all the records of the donor as well as receiver.

PROPOSED SYSTEM
The proposed system is based on the ANDROID ethnology. Where everyone can easily find donor in the nearby area.

Fig a Block Diagram for Blood donation Application. The proposed system is all improved system. It is a handy application and easy to handle. in this system if the requester requests for the blood the system will send the notification or the requester will broadcast the message about the request to all the nearby available donor, then the system will update automatically if any donor is willing to donate his/her blood, it becomes easy to find the donor and reduces the time and the work of going to blood bank and waiting for the blood etc. Because of this application the donor can be found fast and it also saves life of the patient and this process is very slow if done manually. This system promises very less paperwork and also provides help to blood recipient, blood banks and donors also. With help of our application the user will not have to go to the blood bank and ask for the required blood he/she can directly check from our application. This application will also inform the donor that how his/her blood has been used and where

Advantage of Proposed system
1. Easy to use
2. Provide user friendly interface
3. Developing interpersonal skill
4. Can know the blood has been used.

III. EXISTING SYSTEM
Normal System is very difficult to handle blood donor. We have to search for the compatible blood group people. Many of time we don’t get people who have same blood group. Manually it requires lot of time.

Disadvantage of Existing system
1. Slow process
2. Difficult to handle
3. Time consuming
4. No perfect process
5. No information of the donor

IV. IMPLEMENTATION
We developed blood donation application. Our application has the three modes user, donor, and admin.
This is a three major mode of the application admin, donor, and user. If the people who immediately want blood then this person send the request to the nearby donor. If donor is available and the donor is ready for the donation then the donor accept the blood request. At the admin side the admin side is attached with the blood bank. The admin stored all the data of the donor as well as receiver and also update all the records where the type of blood stock available in the blood bank

V. CONCLUSION

The cost of maintenance and time consumption of this application are reduces. People who actually need blood they can easily use blood donation application and find same blood group people in your nearby area.

VI. REFERENCE

