

BLOOD DONATION APPLICATION

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Abstract - “Blood” one of the most important necessity of our life. The numbers of blood donor is very less when compared with other countries. In my project I propose a new and efficient way to overcome such outline. Such as just touch the button donor will be ask to enter an individual's details like name, phone number, age, weight, date of birth, blood group, address etc. At the emergency time of blood needed we can check for blood donor. Once the app user enter the blood group which he/she needed it will automatically show the availability of blood through application. Blood donation app provider list of donor in your city/area and also the list of the available blood in the bank. Once the donor donate the blood it will automatically remove the donor detail for next three months.

Key Terms – Donor, Recipient

INTRODUCTION

In any medical emergency the requirement of blood is must and in such situation to make the blood available is a task . And also there is no such website or application offered by government where you can search for it and also no such facilities where you can find the slots for donation of blood. So for the solution these is an application where you can find the required blood and even find the slots to donate your blood. The necessity of these project is that at the time of blood requirement in an emergency case we are not having any scope that shows us the availability or requirement of blood. So these is the project that will help you in such time.

Here Table 1 represents Home page of the application while Table 2 represents the registration page and selection of blood group and Table 3 represents Login page of a donor and a recipient



Table 1

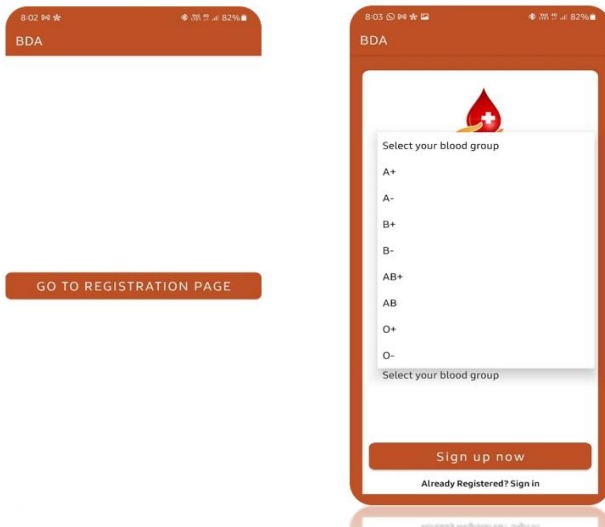


Table 2

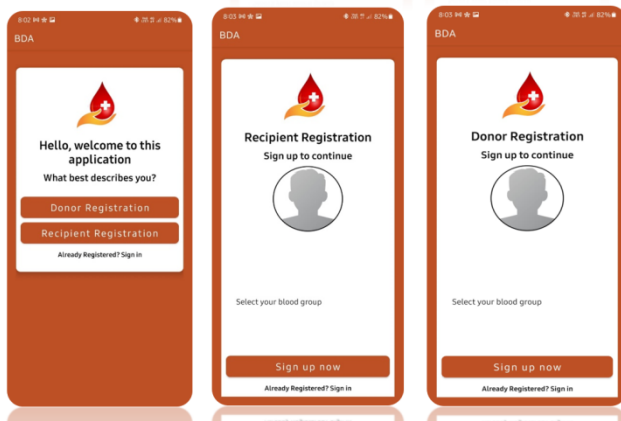


Table 3

REASON TO LEAD THIS PROJECT:

As these the project where you can help your nation in its needy condition and by these project I can help certain people . These application can also be used as in commercial purpose .As I can also charge some rupees to donor as well recipient for taking services from the app. And I will be also providing some good facilities to all the consumers via the applications.

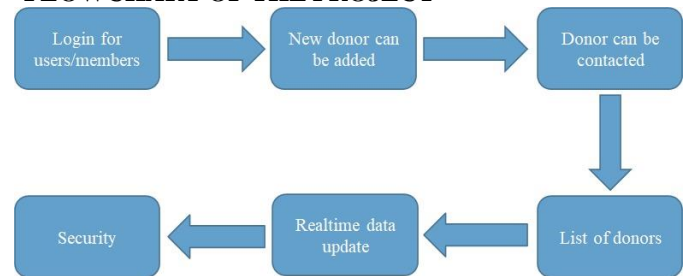
SURVEY

According to Survey their in no any Government site or Application that shows the availability of the blood. So I am trying that these Application can be used.

SCOPE

The scope of this project is for all the people who requires the blood in an Emergency and for people who are willing to donate the blood.

FLOWCHART OF THE PROJECT



METHODOLOGY:

Software Requirement: Android Studio, SDK Manager

Hardware Requirement: 8 GB RAM Laptop

i5/i7 processor

Android Device with Android Version 10 or above

Language requirement: XML for UI/UX design and JAVA for implementation.

FUTURE WORK:

I am trying to make these application as easy as possible so that everyone can access it without any constraint.

ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my Sir, Sanket Sir who gave me the guidance to do this wonderful project on the topic which also helped me in doing a lot of Research and I came to know about so many new things.

REFERENCES

- [1] <https://youtu.be/SG6UJSc8M74>
- [2] <https://youtube.com/playlist?list=PLlxmoA0rQ-Lw6tAs2fGFuXGP13-dWdKsB>



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