Abstract

Emergency situations, such as accidents, create an immediate and critical need for specific blood type. In addition to emergency requirements, advances in medicine have increased the need for blood in many on-going treatments and elective surgeries. Despite increasing requirements for blood, only about 5% of the Indian population donates blood. In this paper a new and efficient way to overcome such scenarios is proposed through the executed project. Donor 24*7 is an android application which can be used during emergency situations of blood requirement, you can quickly check for contacts matching a particular or related blood group and reach out to them via Phone Call/SMS through the application. This application provides list of donors in your city/area. A user-friendly application is easy to understand and use. Cloud-based services can prove important in emergency blood delivery since they can enable central and immediate access to donors' data and location from anywhere. Since almost everyone carries a mobile phone with them, it ensures instant location tracking and communication. The location-based app, operational on android platform, will help users easily find donors of matching blood groups in their location and access their mobile numbers for...
instant help. Only a user who is registered on the application will be able to donate or request for blood.

**References**


4. Bloodline-A Network for Life bloodlinelabs.com1


6. .

**Index Terms**

Computer Science

Communications

**Keywords**

Donor, Donee, Needy, Donate, Request, Android.