

LITERATURE SURVEY

DETERMINANTS OF PLASMA DONATION: A REVIEW OF THE LITERATURE

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In this proposed system, the major contribution of human sciences in the understanding of whole blood donation has been through the study of individual's motivations and deterrents to donate. Research in social psychology is numerous, from the study of the determinants of donation, to the development of persuasive communication strategies, as well as learning how to deal with people whose donation is being deferred.

The aim is to understand donors as well as non-donors, and to convert this knowledge into strategies that Blood Collection Agencies (BCAs) can apply. Worldwide, many researchers studied whole blood donation, and a meta-analysis compiled 49 studies, for a total of 154,122 participants, to list the main determinants of whole blood donation worldwide.

➤ IMPLEMENTATION OF BLOOD DONATION APPLICATION USING ANDROID SMARTPHONE

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This proposed method Blood Donation System is an android based system that is designed to store, process, retrieve and analyze information concerned with the administrative and inventory management within a blood bank. This project aims at maintaining all the information pertaining to blood donors, different blood groups available in each blood bank and helps them to manage in a better way. Aim is to provide transparency in this field, make the process of obtaining blood from a blood bank hassle free and corruption free and make the system of blood bank management effective document is a template.

The sole purpose of this project is to develop a computer system that will link all donors, control a blood transfusion service, and create a database to hold data on stocks of blood in each area.

BLOOD DONOR -WEB APPLICATION

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Every two seconds someone needs blood. More than 41,000 blood donations are needed every day. The gift of blood is the gift of life. Blood cannot be manufactured – it can only come from generous donors. One donation can save the lives up to three people. The Blood donor application is built on the lines to arrange for blood during emergency. This application notifies people within the premises of the hospital that a particular type of blood group is needed. The Blood Donor is an application that puts the power to save lives in the palm of your hand. It has two interfaces: Donor Interface and Blood Bank Interface. As part of the final project, the blood bank interface is implemented. This report gives an insight about the blood donor application, its components, and the various criteria to send out an alert message.

Blood Donation Management System is an android application that brings voluntary blood donors and those in need of blood on to a common platform. The mission is to fulfil every blood request in the country with a Promising android application and motivated individuals who are willing to donate blood. The proposed work aims to overcome the communication barrier between donors and receivers and aims to encourage people to donate blood by providing motivational videos and quotes in the app. This project will contain details about medical history of the donors and blood camps. We also aim to create misconceptions that people have regarding blood donation. This project aims at servicing the persons who seek donors who are willing to donate blood and also provide it in the time frame required. Blood Donation Management System tries to assist Victims/patients/those in want of blood. It is an endeavor to achieve dead set these people in want of blood and connect them to those willing to donate. The proposed work explores to find blood donors by using the blood group and address they have filled during registration.