

## **IBM Team 1**

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**Domain Name:** Healthcare

**Use case Name:** PLASMA DONOR APPLICATION

### ***Paper 1***

**Authors:** Rehab S.Ali, Tamer F.Hafez , Ali Badawey Ali, Nadia , Abd-Alsabour

**Year :** 2020

**Title:** A Web Application to Manage All Blood Donation and Transfusion Process

**Methodology:** This paper aims to help people fulfill needs for a safe and reliable blood group by searching for and locating a specific blood group.

**Advantage:** Blood Bank system helps blood banks and donors save lives of the patients through a controlled system which manages all blood donation and transfusion processes.

**Disadvantage:** It is difficult to connect with people with who has the on demand blood group.

### ***Paper 2***

**Authors:** Mohammed Anis Oukebdane , Samir Ghouali , Karima Ghazali , Mohammed Feham

**Year :** 2020

**Title:** E-Blood Bank Application for Donors and Life Savers

**Methodology:** Web application that is connected to a centralized database, to collect and organize data from all blood banks and blood donation campaigns.

**Advantage:** This application contains the updated database which has all category blood groups of people all over the world.

**Disadvantage:** Database should be updated periodically.

### ***Paper 3***

**Authors:** Ms. Pradnya Jagtap ,Ms. Monika Mandale ,Ms. Prachi Mhaske ,Ms. Sonali Vidhate ,Mr. S. S. Patil

**Year :** 2020

**Title:** Implementation of blood bank donation application

Methodology: Blood Donation System is an android based system that is designed to store, process, retrieve and analyse information concerned with the administrative and inventory

Advantage: Easy connecting donors and recipients makes blood donation way more proficient.

#### **Paper 4**

Authors: Abhijet Gaikwad, Nilofar Mulla, Tejashri Wagaj, Raviraj Ingale, Prof. Brijendra Gupta, Prof. Kamal Reddy

Year : 2020

Title: Smart Blood Finder

Methodology: The general idea of the study is to develop a Smart Blood Finder Application is to manage the records of the donors and the people who need blood

Advantage:. Develop a computer system that will link all donor

Disadvantage: It does not allow integration with blood donor management system

S.No	Author	Title of the Paper	Methodology	Pros (Advantage)	Cons (Disadvantage)
1.	Rehab S.Ali, Tamer F.Hafez , Ali Badawey Ali, Nadia , Abd-Alsabour (2020) <b>(IEEE paper 1)</b>	A Web Application to Manage All Blood Donation and Transfusion Process	This paper aims to help people fulfill needs for a safe and reliable blood group by searching for and locating a specific blood group. .	Blood Bank system helps blood banks and donors save lives of the patients through a controlled system which manages all blood donation and transfusion processes	It is difficult to connect with people with who has the on demand blood group.
2.	Mohammed Anis Oukebdane , Samir Ghouali , Karima Ghazali , Mohammed Feham (2020) <b>(IEEE paper 2)</b>	E-Blood Bank Application for Donors and Life Savers	Web application that is connected to a centralized database, to collect and organize data from all blood banks and blood donation campaigns.	This application contains the updated database which has all category blood groups of people all over the world.by chatbots in banks.	Database should be updated periodically. performance of banks.

3.	Ms. Pradnya Jagtap ,Ms. Monika Mandale ,Ms. Prachi Mhaske ,Ms. Sonali Vidhate ,Mr. S. S. Patil <b>(Paper 1)</b>	Implementation of blood bank donation application	Blood Donation System is an android based system that is designed to store, process, retrieve and analyse information concerned with the administrative and inventory	Easy connecting donors and recipients makes blood donation way more proficient.	-----
4.	Abhijet Gaikwad, Nilofar Mulla,Tejashri Wagaj,Raviraj Ingale,Prof.Brijendra Gupta,Prof.Kamal Reddy <b>(Paper 2)</b>	Smart Blood Finder	The general idea of the study is to develop a Smart Blood Finder Application is to manage the records of the donors and the people who need blood	Develop a computer system that will link all donor .	It does not allow integration with blood donor management system