PLASMA DONOR APPLICATION
Literature Survey

TITLE	AUTHOR	DATE	PROBLEM SOLUTION
Developing a plasma donor application using Function-as-a-service	Aishwarya R Gowri	2020	The efficient way of finding plasma donors for the infected people. Aws lambda function is used to deploy the application AWS EC2 service.
Instant Plasma Donor Recipient connector web application	Kalpana Devi Guntoju, Tejaswini Jalli, Sreeja Uppala, Sanjay Mallisetti	2022	The Donor needs to upload their recovered COVID-19 Certificate and it is required to be verified by the blood bank. It is a user-friendly application. It will help people to find plasma easily.
D'WORLD: Blood Donation App Using Android	A. Meiyappan, K. Loga Vignesh, R. Prasanna, T. Sakthivel	2019	When the giver gives the blood, it will naturally evacuate the contributor detail for next three months. It additionally confirms with the Department of Health and Welfare to guarantee the benefactor medical case history.
An Android Application for Volunteer Blood Donors	Sultan Tuhran	2015	This application helps health care centers to provide the blood as quickly as possible when their stocks are insufficient. The application periodically sends actual location information of available donors to the main system and the blood requests to the donors.
Blood donation and life saver-blood donation app	M.R. Anish Hamlin, J. Albert Mayan	2018	One-Time Password (OTP) is used to verify the donor, once the donor accepts the request. Once the donor donates the blood it will automatically remove the donor detail for next three months. This application searches for donors only in the nearest areas.
mHealth: Blood donation application using android smartphone	Muhammad Fahim, Halil Ibrahim Cebe, Jawad Rasheed and Farzad Kiani	2016	mHealth is one of the best possible concepts for the provision of healthcare services and improve quality of life. We have to utilize the cloud computing service for keeping the application data available, anywhere and anytime.
Lifesaver E-Blood Donation App	Rishab Chakrabarti, Asha	2020	Reduction in the errors of blood banks using the most eligible donor method. Direct

Using Cloud	Darade, Neha Jadhav, Prof. S. M. Chitalkar		Communication Between donor and the person in need of blood During the Emergency situation. The user given details are maintained unverified.
BDoor App-Blood Donation Application using Android Studio	S Periyanayagi, A Manikandan, M Muthukrishnan, and M Ramakrishnan	2021	The Donor details are verified before they allow donation and have to be authorized by the institution. The Verification and validation are done in the Email base. The android mobile user will not be able to insert or view details if the server goes down. Thus, there is a disadvantage of single point failure.
Automated blood bank system using Raspberry PI	Ashlesha C. Adsul, V. K. Bhosale, R. M. Autee	2018	When there is an urgent need for blood then If this model is adopted the caller is immediately connected to the donor.
Android Based Health Application in Cloud Computing for Blood Bank	Sayali Dhond, Pradnya Randhavan, Bhagyashali Munde, Rajnandini Patil	2018	Accessibility and availability are the criteria on which an application is designed for its success in the IT market. Requires the patient records to be accurate and accessible.