Literature Survey

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1	Paper title	PLASMA DONOR APPLICATION USING FUNCTION-AS-A-SERVICE IN AWS **Author :** George Amvrosiadis 2020
	Problem definition	Our System is a mobile application which aims to serve as a communication tool between Blood requester and blood donors
	Methodology/ Algorithm	Dijkstra algorithm:It used a single cause all pairs Dijkstra algorithm to determine The minimum length from the plasma
	Advantages	Easy connecting donors and recipients makes blood donation way more proficient
	Disadvantages	Auto- Verification: It cannot automatically verify the genuine users

2	Paper title	ANDROID BASED HEALTH APPLICATION IN CLOUD COMPUTING FOR PLASMA **Author:** Patil Sayali Dhond 2019
	Problem definition	Our System is a mobile application which aims to serve as a communicatio n tool between Blood Donation camp Organizers and blood donors .
	Methodology/ Algorithm	Firebase database is a cloud-hosted No SQL database. This means that Firebase is a kind of database that does not use tables and this table less or "non- SQL" database does not store its data (by default) locally on the device but stores them in the cloud, hence the label "Realtime"
	Advantages	Easy registrations through the mobile app will help getting quick access from both ends
	Disadvantages	Cannot login through Chrome

3	Paper title	MOBILE APPLICATION DEVELOPMENT FOR PLASMA AND BLOOD DONOR **Author:** Michael J Moss 2021
	Problem definition	Covid-19 is currently spreading as a deadly disease and till today no medicine has been found for this disease. Alternatively, now a day's plasmatransplant surgery is also being performed rapidly.The people are not donote the plasma this situation for help needy people to identify plasma donor application.
	Methodology/ Algorithm	Though there are many android applications available for blood donation and blood bank management, they have not included any provision for Plasma donation. The existing system for only based on What's app. These groups are limited to 100 member only.Hence , we propose an enhanced mobile application for Plasma, and Blood banks to administrate their users and resources easily and enhance security for information stored on the databases.
	Advantages	Simple User Interface. It alleviates the burden of coordinator to manage Users and resources easily.
	Disadvantages	Screening donors for existing health conditions Having professional staff on hand Tackling fake donors.

4	Paper title	INSTANT PLASMA DONOR RECIPIENTC ONNECTOR WEBAPPLICATION **Author:** Sanjay Mallisetti 2022
	Problem definition	The problem is that due to COVID-19 people need emergency plasma to donate and also we need a recovered person to donate plasma. Our project can give a solution to this problem where a person can donate plasma by uploading a recovered certificate blood bank.
	Methodology/ Algorithm	Our whole project is based on finding blood or plasma donors more efficiently . For simplicity, thw whole process will discus into step by step process web application used database in plasma donor.
	Advantages	Immediate solution Saves time and energy Saves money Each of finding
	Disadvantages	Tedious work, Expensive, Require more than power, Time consuming.

5	Paper title	BLOOD UNITS AND CONVALESCENT PLASMA FOR COVID-19 PATIENTS **Author:** Arvind Gharbharan 2021
	Problem definition	In health care systems, blood management services are essential to saving lives This system increases the performance, transparency, reliability, and accuracy
	Methodology/ Algorithm	To meet the points and needs mentioned in the proposed method paragraph in our proposed system, we relied on the use of a hybrid of real-time algorithms, in order to ensure that efficient management decisions are made in a timely manner
	Advantages	(i)as well as is characterized by ease of use with low required cost and effort (ii)Also, it is eliminated the need for human intervention in making decisions about managing blood
	Disadvantages	(i) cannot auto verify It user genuineness (ii)It requires an active internet connection.