LITERATURE SURVEY

Sl. NO	PROJECT TOPICS	AUTHORS NAME	YEAR OF PUBLICATION	MERITS	DEMERITS
01.	A Cross-Platform Blood Donation Application With a Real-Time, Intelligent and Rational Recommendation System.	Md Rafat jamader Maraz, Rashik Rahman, Md.Mehedi UI Hasnain.	2021	The quality of the recommendation of the potential donors has significantly improved, We chose the flutter framework to develop our cross-platform applications. Firebase, a Google platform for mobile and web applications, has been used in the proposed application for authentication management, monitoring, analytics	From play store and app store analysis, we have found that many of the applications provide only contact information of blood organizations or individual persons. However, none of the applications addresses the donor availability issues like if a donor is able or available to donate blood.
02.	Blood donation and life saver-blood donation app	M. A. Hamlin and J. A. Mayan	2018	"Blood" one of the most important necessity of our life . The numbers of blood donor is very less when compared with other countries. At the emergency time of blood needed we can check for blood donor nearby by using GPS (GLOBAL POSITIONING SYSTEM).	In poor countries accepted blood supplies are limited and donors usually give blood when family or friends need a transfusion. Donors can also have blood drawn for their own future use.
03.	Blood donation application with implementation of machine learning	S. N. Diba	2018	The App is also able to find the best matches among the donors available with the help of machine learning algorithms.The algorithms are capable of analyzing the profile of each donor and find the best fit ones with respect to health condition and lifestyle. Moreover, the app is also capable of showing the exact position of the donors in the map who are willing to donate blood.	Blood Donor donation app ensures hassle free blood donation and privacy of a blood donor. Connecting blood donors and needy reduces time which increases the possibility of saving lives and also eliminates the shortage of blood. Blood donation exclusive app "BLOOD DONOR" is a free location based blood donation app.

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04.	An Android Application Volunteer Blood Donors	Sultan Turhan	2015	Blood can only be supplied by living donors. Blood transfusion has been responsible for saving millions of lives each year around the world. Yet the quantity and quality of blood pool available for transfusion is still a major concern across the globe, especially in the developing countries	Most donations are as a result of replacement donations provided by the relatives of patients. In case of operation or treatment, health care center employees asked to patient's relatives to donate blood even they don't have the same blood group. Professional donors are those who donate blood in exchange for money.
05.	Predicting the Number of Blood Donors through their age and Blood Group by Using Data Mining Tool	Arvind Sharma and P.C. Gupta	2012	Techniques are present that enable the users to get a solution regarding issue based on their location they are in, based on so-called Volunteered Geographic Services (VGS) system. Using this service getting the response at right time is made possible. It focuses the growing population of the online mobile user's, e	users act as service users and service volunteers. More precisely the system accepts service description and periodically updated locations from those volunteers and it allows users to subscribe to notifications of all the available nearby services that are relevant to their subscription and lagging of network issues.