

YEAR	TITLE	AUTHOR(s)	DESCRIPTION
2021	BDoor App-Blood Donation Application using Android Studio	S Periyannayagi, A Manikandan, M Muthukrishnan, and M Ramakrishnan	<p><b>PROS:</b></p> <p>The Donor details are verified before they allow to donate and have to authorised by institution. The Verification and validation are done in Email base.</p> <p><b>CONS:</b></p> <p>The android mobile user will not be able to insert or view details if the server goes down. Thus, there is disadvantage of single point failure.</p>
2020	Lifesaver E-Blood Donation App Using Cloud	Rishab Chakrabarti, Asha Darade, Neha Jadhav, Prof. S. M. Chitalkar	<p><b>PROS:</b></p> <p>Reduction in the errors of blood bank using most eligible donor method. Direct Communication Between donor and the person in need of blood During the Emergency situation.</p> <p><b>CONS:</b></p> <p>The user given details are maintained unverified.</p>
2019	D'WORLD: Blood Donation App Using Android	A. Meiyappan, K. Loga Vignesh, R. Prasanna, T. Sakthivel	<p><b>PROS:</b></p> <p>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.</p> <p><b>CONS:</b></p> <p>The user must have an device with android operating system with an active internet connection to interact with this application.</p>

2018	Automated blood bank system using Raspberry PI	Ashlesha C. Adsul, V. K. Bhosale, R. M. Autee	<p><b>PROS:</b></p> <p>When there is urgent need for blood then If this model is adopted the caller is immediately connected to the donor.</p> <p><b>CONS:</b></p> <p>Tackling the fake users.</p>
2016	mHealth: Blood donation application using android smartphone	Muhammad Fahim, Halil Ibrahim Cebe, Jawad Rasheed and Farzad Kiani	<p><b>PROS:</b></p> <p>mHealth is one of the best possible concepts for the provision of healthcare services and improve quality of life.</p> <p><b>CONS:</b></p> <p>We have to utilize the cloud computing service for keeping the application data available, anywhere and anytime.</p>
2015	An Android Application for Volunteer Blood Donors	Sultan Turhan	<p><b>PROS:</b></p> <p>This application helps health care centres to provide the blood as quick as possible when their stocks are insufficient. The application sends periodically actual location information of available donors to main system and the blood requests to the donors.</p> <p><b>CONS:</b></p> <p>If the stocks are insufficient, the only source of blood supply will be the people who come to the health centre and donate the blood on a voluntary basis.</p>