

# B3-3M5E - Plasma Donor Application

## LITERATURE SURVEY

YEAR	TITLE	AUTHORS	TECHNIQUE	PROS	CONS
2022	Instant Plasma Donor Recipient connector web application	Kalpana Devi, Guntoju, Sreeja uppala	Web technologies, API, Database	User friendly application. It will help people to find plasma easily.	This system is closed for general plasma donation and mainly focused on covid-19 patients for plasma donation.
2021	BDoor app- Blood Donation application using android studio.	Periyannayagi, Manikandan, Muthukrishnan Ramakrishnan	Android, Flutter UI, Dart, Firebase, Decision tree algorithm	The verification and validation are done in Email base. The donor details are verified before they allow to donate and have to authorised by institution.	The android mobile user will not be able to inset or view details if the server goes down. Thus, there is disadvantage of single point failure
2020	Developing a plasma donor application using function-as-a-service	Aishwarya R Gowri	Services, AWS, plasma theory, covid-19, dynamo DB, cloud	The efficient way of finding plasma donor for the infected people.	The user interface can be better than now.
2019	D'WORLD: Blood donation app using android	Meiyappan, Loga vignesh, Prasanna, Sakthivel	Android, global positioning system(GPS), Mobile computing	When the giver gives the blood. It will naturally evacuate the contributor detail for next three months.	The user must have an device with android operating
2018	Automated blood system using Raspberry pi	Ashlesha, Adsul, Bhosale Autee	Raspberry Pi, Embedded, Blood Bank, GSM, Android	When there is urgent need for blood then if this model is adopted the caller is immediately connected to the donor	Tacking the fake users.