

**HX8001 - PROFESSIONAL READINESS FOR INNOVATION,
EMPLOYABILITY AND ENTREPRENEURSHIP**

PROJECT TITLE

Domain of the Project : CLOUD APPLICATION DEVELOPMENT

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OBJECTIVES

- With the advancement in the medical department finding the plasma donor has been a major issue.
- With this aim an application has been designed which connect the patient with the local donors.
- The donors will get notified in case if their blood or plasma is needed the patient.

ABSTRACT

- The requirement of blood plasma had increased, but unfortunately the donor count was low.
- To overcome this problem we have planned to develop an application in which the Donor users can register to the application to receive notification about blood donation requests

INTRODUCTION

- Every minute on every day somebody is in need of blood and blood components such as plasma and RBC.
- But the need was not satisfied, This is because that there is no platform to connect local blood donors with patients.

Literature Survey

TITLE	AUTHOR & YEAR	JOURNAL NAME	REMARKS
Blood donation smartphone app	Afaf AliBatis, Ahmed Albarrak & 2021	Science Direct	The top rated features were the ability to request for blood donors, and the ability to locate the nearest blood center on the map. The preferred method of contact was found to be SMS.
Android application for Medicine donation	Netra Shigwan, Pratiksha Chaudhari, Shweta Pawar, Anuja Gote & 2020	International Research Journal of Engineering and Technology (IRJET)	In this system, there are three entities, admin, Volunteer, and users. Users can post Available medicine with the medicine name, medicine description, QR code, and medicine expired date. When Admin assigns him medicines, he can open the user's address location on the Google map and go to that location and bring the medicines.

Literature Survey

TITLE	AUTHOR & YEAR	JOURNAL NAME	REMARKS
Mobile phone based system to promote eye donation	WarapornChumkasian, RitinFernand, Khin ThanWin, HeidiLord & 2021	Science Direct	Eye Donor Form generates form using any smartphone .The donation form input is saved electronically and can be forwarded to your family members, healthcare.
Instant plasma donor recipient connector web application	Kalpana Devi Guntoju, Tejsvini Jalli, Sreejauppla & 2022	International Research Journal Of Modernization in engineering Technology and Science	In this proposed system, a donor who wants to donate plasma and can donate the plasma to a blood bank. The blood bank after checking the donor certificate can make a request to the donor.

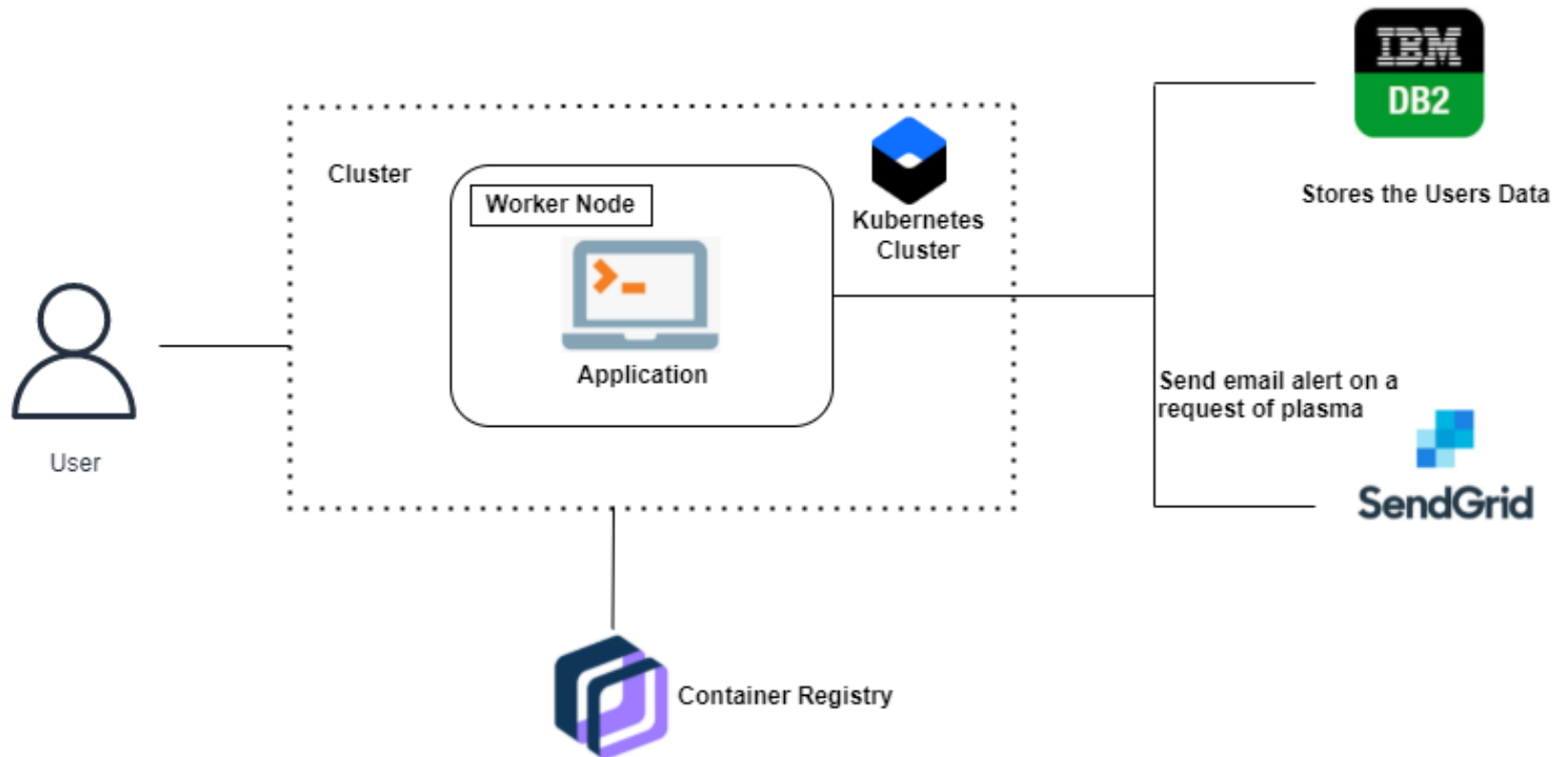
Literature Survey

TITLE	AUTHOR & YEAR	JOURNAL NAME	REMARKS
BLOODR : blood donor and requester mobile application	Vamsi krishna tatikonda, hosam el-ocla & 2021	mHealth	BLOODR application creates communication channel through authenticated clinics whenever a patient needs blood donation. It is a useful tool to find compatible blood donors who can receive blood request posts in their local area.
Blood donation and life saver- blood donation app	M.R. Anish Hamlin, J. Albert Mayan& 2020	IEEE	At the emergency time of blood needed we can check for blood donor nearby by using GPS. Once the app user enter the blood group which he/she needed it will automatically show the donor nearby and send an alert message to the donor.

PROBLEM IDENTIFICATION

- During the COVID 19 crisis, the requirement of plasma became high, It is very difficult find the respective blood group donors when anyone is in need.
- In regard to the problem faced, an application is to be built which would take the donor details store it and inform them upon a request.

Block Diagram



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QUESTIONS & DISCUSSION

THANK YOU