PLASMA DONOR APPLICATION

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INTRODUCTION

Although the government is carrying out COVID vaccination campaigns on a large scale, the number of vaccines produced is not enough for all the population to get vaccinated at present. And with the corona positive cases rising every day, saving lives has become the prime matter of concern. As per the data provided by WHO more than 3 million people have died due to the Corona Virus . However, apart from vaccination, there is another scientific method by which a COVID infected person can be treated and the death risk can be reduced.This plasma therapy is an experimental approach to treat corona-positive patients and help them recover. This plasma therapy is considered to be safe & promising. A person who has recovered from COVID can donate his/her plasma to a person who is infected with the Corona virus.This system proposed here aims at connecting the donors & the patients by an online application. By using this application, the users can either raise a request for plasma donation or requirement.

LITERATURE REVIEW

[1] ENHANCED MOBILE APPLICATION DEVELOPMENT FOR PLASMA, MOTHER'S MILK AND BLOOD BANKS.

Plasma, Mother's Milk and Blood Bank is an Android application that uses the Firebase & 000webhost.blogs (web cloud) real-time database to quickly and efficiently search, collect and sort data for each Plasma, mother's milk and blood donor and users. (A google-services. JSON) must be registered for the Android application using the Firefox console).This proposed solution is an enhanced mobile application for Plasma, Mother's milk and Blood banks to administrate their users and resources easily and enhance security for information stored on the databases.

[2] ONLINE BLOOD MANAGEMENT SYSTEM

This Blood Gift administration framework is to make an e-Information about the donor who needs to give blood. Through this application any individual who is interested in donating the blood can enlist himself. Additionally in case any common buyer needs to make request blood online he can moreover take the assistance of this location. Admin is the most authority who can do expansion, cancellation, and alteration on the off chance that required.

[3] USE OF SOCIAL MEDIA IN THE BLOOD DONATION PROCESS

Alanzietal have used social media as a platform to sort the process of blood donation. Social media may solve the problem, but it can't find the nearest blood donor and may not meet the specific seeker's requirements. This approach can also be more time-consuming.

[4]NEED FOR MEDUIM FOR FINDING BLOOD DONORS IN BHUTAN

Wangchuketal have made a survey analysis through some online questionnaires. They analyzed that separate mediums like social platforms couldn't meet the demand quickly, whereas a mobile application could.

[5] BLOODR : BLOOD DONOR AND REQUESTER MOBILE APPLICATION

K.Tatikondal have made a web application to find blood donors from which an authorized clinic can make a request. Unfortunately,this application also couldn't find the nearest blood donor

[6]FINDING THE NEAREST BLOOD DONORS USING DIJKSTRA ALGORITHM

M.S. Sabiretal have proposed a method to find the most immediate blood donor using the Dijkstra algorithm,which is considerably less efficient for a vast number of user datasets and also requires a tremendous amount of execution time.

REFERENCES

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