

ItsMyTurn PLASMA DONATION

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ABSTRACT:

This study has been done to overcome the major problem of the world which is facing right now that is COVID-19 in major parts of the world and it is a big concern for all the nations throughout the world and also they had faced worst situations. India is also facing this virus outbreak and a lot of damage has been done already but they managed to control the virus outbreak with strict measures but once again it's out of our hands again. Right now we have so many active cases as well as recovered cases. So we designed a website for the gathering the details of the people who are willing to donate plasma. Plasma is a liquid colored portion that holds blood cells in the suspension. People who had recovered from COVID-19 contains covid-19 antibodies in their plasma which will be helpful in curing another person who's suffering from the virus. They boost immune system of the affected person and supports them in the process of recovery and also generates antibodies in them to fight against the virus. Majority of the respondents was aware and they have good knowledge on plasma donation now. Donors must be above 18 years age and they should be weighted minimum of 110 lbs, they should be medically screened and should be tested negative for specific viruses. This study reveals that majority of people were willing to donate the plasma for beneficial of society, so we had designed this website to give them accurate information where to donate the plasma and to receive it.

INTRODUCTION:

ItsMyTurn is a plasma donation and receiving online web project which is easily accessible through internet. We all know the present situation of the world and our country as well how we are suffering due to the pandemic. Our main aim is to serve for the human welfare in this crisis situation. Till now 139 million people were affected from this deadly throughout the world and 79.2 million people were recovered from it and 2.99 million people were dead due to it. This is the biggest outbreak that the world has witnessed since the outbreak of Spanish flu. Our country was in second place in affected cases so we need to follow some strict measures to overcome this. So we started this website for gathering the details of the people who are willing to donate the plasma and who are in need of it and we will provide them with the necessary details. Plasma is a liquid type fluid which holds the whole blood cells in

from of suspension liquid and it delivers several necessary substances such as antibodies and boosts the immune system which helps the people to fight against the virus. Plasma is manufactured in human bodies and donation of plasma by humans is the only way to meet emergency requirements in case of COVID-19 recovery in the present situation. Our website provides various information about plasma donation. People can sign up as donors by entering information such as their name, blood group, city, postal code, mobile number, email account, password. If the registration is accurate, the account will be created otherwise, the user would not be entered. The user can access their account by entering their credentials. After logging in, the user can access and update their profile. If the user forgets his or her password, the programmer may ask for the user's email address to retrieve the password. A unique code will be sent to the email address or phone number given during registration. The framework shows basic details about the plasma donation. In this process, the project's

viability is assessed, and a humanity idea is presented, along with a very general project plan. A feasibility study of the planned system is to be carried out during system review. This is to ensure that the new scheme does not impose an undue burden on the public.

Since many of the people prefers to donate plasma for the beneficial of society online, we were inspired to create this plasma donation program. In addition, I appreciate our recent knowledge of the html programming language, as well as MySQL and php seeing how efficient and dynamic they are when it comes to web design and managing the data. Apart from assisting computer science students in comprehending the fundamentals of web application architecture, it would be very simple to integrate the principle of using It will be very simple to integrate the principle of incorporating programming methods from the available graphics to explain how a piece of code appears on a user interface, in addition to helping computer science students understand the fundamentals of web-application architecture. JavaScript, HTML, CSS were used to create this framework because we found them to be incredibly helpful when working on a mini project in our previous semesters. The new framework, which is characterized as a set of modules and subsystems, is described in this chapter's production. The initial input specifications defined in the agreed requirements specification manual are used in this design

Stage. Each criterion has a collection of one or more design elements that are produced using various prototypes. These interface components, which include interactive hierarchy diagrams, panel layouts, operation diagrams, and class diagrams, define the desired programmer functionality in detail. The aim of these diagrams is to provide a detailed description of the programmed so that the machine can improve the functionality with less design feedback.

LETARETURE REVIEW:

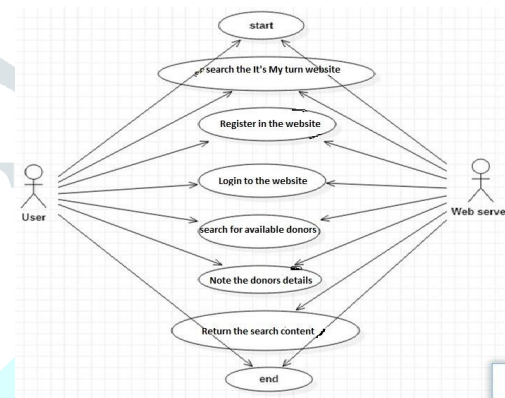
Because of the rapid spread of covid-19 virus so many people are fighting against it and there is heavy demand for plasma in the society right now. Creating a website for plasma donation is easy but the creator of the website should have knowledge load, complexity and novelty. The subset of iterations available on the database as well as the levels of advertisement are referred to as complexity, while novelty refers to the unusual or unknown facets of the web. A designer must also understand the will of donors. Since, donors are different people who have different blood groups, medical background, a user-friendly interface is vital to the success of every website designed by the programmer. We should spend some quality time for research as this was a serious issue and even a small incorrect information will mislead to several false assumptions in the society which is very dangerous. There are many examples of online plasma donation websites that have been created in various languages. The software framework and vocabulary to use are determined by the policies of the organization. It also relies on a number of other considerations that are crucial when choosing a medium on which to build an application, such as how scalable the application can be after it is designed or whether it is open-sourced. For a variety of reasons, we had chosen widely used frond end technologies like HTML, CSS, JAVASCRIPT and we used xamp server to host it and to gather and store all the data we Used MySQL and we also used backend technology like php for ease of access. We had selected the primary and widely used technologies because HTML provides the basic requirement/structure of a website which will be enhanced and further modified/improved by other technologies like CSS and JavaScript. CSS mainly used to manage the presentation, formatting and layout of the website and JavaScript controls and manages the actions of several elements of the website. Mysql is open source relational database management system and it also freely

available and widely used to store data. It is more popular for updating, accessing and managing the data in the database. Php is was chosen by us because it engages with various database languages very easily and effectively and moreover it is also freely available and it is compatible with almost every server used today and it runs on various platforms like Windows, Mac OS X, Unix and Linux. This initiative aims to provide users with the details of plasma donors. It allows user to access the website from anywhere through internet.

RELATED WORK

At the start of lockdown people didn't showed any interest in plasma donation due to fear and several other false gossips which were circulated in social media and later on when the government had taken necessary steps and spread awareness among the people they changed their way of thinking and now so many people across the nation wants to donate the plasma and also several people were in the need of the plasma to recover from the virus, but only disadvantage is they don't know where to donate or from to where to collect or no clue about plasma donation, so keeping this all in our mind we had designed a simple and efficient online plasma donation website for the welfare of the society. In this

Proposed System, we are meeting the user's needs by not only allowing him to know about plasma donation with a single click but also various other information related to covid-19 and precautions to be taken to prevent it. Unlike other online websites for plasma donations we ensure a safe and accurate information and details. Users do not need to go out for search of centers they can use this website through internet and he can know the center located in his surroundings and he can contact them and go there and donate plasma as simple as that.



Profile Management: The registration process for users in the framework is defined in this module. And the customer will have access to his or her account records, and they can update their information and also if they forgot their password it can be easily retrievable and they can change their password whenever they want.

Results and Outputs:

Need Plasma? Call:1234567890

DONATE PLASMA

#ItsMyTurn

HOME ABOUT US CONTACT US LOGIN

**DONATE PLASMA
DEFEAT COVID-19**

If you had COVID-19, donate your plasma to help save lives.

New Donors ? Sign Up here

Full Name *

-- Select Blood Group --

Enter city *

Postal Pincode *

10 Digit Mobile Number *

Email Address *

Password *

Confirm Password *

Sign Up Reset

Need Plasma? Call:1234567890

DONATE PLASMA

#ItsMyTurn

HOME ABOUT US CONTACT US MY PEOPLE CHANGE PASSWORD SEARCH LOGOUT

Change Password

Old password

New password

Confirm new password

Submit

Need Plasma? Call:1234567890

DONATE PLASMA

#ItsMyTurn

HOME ABOUT US CONTACT US MY PEOPLE CHANGE PASSWORD SEARCH LOGOUT

Update Profile

Name

-- Select Blood Group --

City

Pincode

10 Digit Mobile Number

Email Address

Password

Submit

Need Plasma? Call:1234567890

DONATE PLASMA

#ItsMyTurn

HOME ABOUT US CONTACT US LOGIN

Login

Email address / Mobile Number

Password

Forgot Password

Sign In

The above output using for plasma donation now way days our regular life is difficulty and several people were suffering from virus. That is the reason this plasma donation website will helpful to the donors and receivers such they can help each other and recover from the deadly virus and it will be a huge benefactor for our society in the present situation.

This website have different features and user get to know various information and also they can search for information related to covid-19 and plasma donation through our website.

CONCLUSION:

It is evident by our study that greater knowledge about plasma donations doesn't lead us in getting the donation we have to spread awareness in the society and also we

should motivate people for we should break their fear and false assumptions about plasma donations through social media and advertisements and it's one of the reason behind the creation of this website and we also provide various information gathered from several trusted sources. Voluntary plasma donation by the recovered people with adequate communication to masses will lead to more awareness among the society and more lives will be saved. Finally there is no use if we were simply praying for others recovery instead of that we have to donate plasma which will help others. HELPING HANDS ARE BETTER THAN PRAYING LIPS.

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