

PROBLEM STATEMENT

PLASMA DONOR APPLICATION

TEAM ID - PNT2022TMID53650

ABSTRACT:

The liquid portion of your blood, plasma, makes up 55% of the total volume of your blood. As it circulates throughout your circulatory system, plasma is essential for your body to recuperate from damage, distribute nutrients, remove waste, and prevent infection. The fluid that binds your red, white, and platelet blood cells together is called plasma, which is necessary for your body to function. Despite the rarity of plasma diseases, your plasma donation helps others lead healthy lives. In some cases, it can be challenging for a patient to locate a plasma donor. Our application makes use of the IBM Cloud platform, which makes it simpler to donate plasma and make it available to patients. Plasma can be obtained from a blood bank of the patient's choice. In the event that blood plasma is not available, we also let them know by email.

PROBLEM STATEMENT:

The need for plasma surged significantly during the COVID 19 crisis since there were no vaccines available to treat the infected patients. Finding a plasma donor in such a case was extremely difficult, and determining which donors are eligible to donate plasma as well as whether they had previously been infected and have recovered was a difficult effort.

We are putting forth a concept in which we will connect the plasma donor and requester in a novel approach in order to create an application that is user-friendly and has more features for better servicing the public.

DONOR & DONEE PROBLEM STATEMENT TEMPLATE:

PS 1: Donor



PS 2: Donee



TEAM ID -