

# PLASMA DONOR APPLICATION IN CLOUD COMPUTING

## Problem Statement:

A plasma is a liquid portion of the blood, over 55% of human blood is plasma. Plasma is used to treat various infectious diseases and it is one of the oldest methods known as plasma therapy. Plasma therapy is a process where blood is donated by recovered patients in order to establish antibodies that fights the infection.

What is Plasma?	Plasma is the clear, straw-colored liquid portion of blood that remains after red blood cells, white blood cells, platelets and other cellular components are removed.
What are the boundaries of the problem?	At least 18 years old. At least 110 pounds or 50 kilograms.
What is the issue?	Plasma is rich in nutrients and salts. This can result in dizziness, fainting, and lightheadedness.
When does the issue occur?	If the person injected drugs or steroids not prescribed by a doctor within the last three months. Tested positive for HIV.

Why is it important that we fix the problem?	The importance of the problem is that the patient wants to know about the plasma availability and donor also wants to know about what are the requirements need to donate the plasma.
What solution to solve this issue?	To solve this problem we are going to develop an applications to know the details about the plasma availability and to know the persons eligibility to donate the plasma.
What methodology used to solve the issue?	The methodology used to solve this problem is that create an application in the cloud and the user can use the application and can able see the details about the plasma donation.