

## **PROBLEM STATEMENT**

**Domain Name:** Cloud Application Development.

**Project Name:** Plasma Donor Application.

### **Who does the problem affect?**

Patients with severe liver disorders and numerous clotting deficiencies are given plasma.

### **What is the issue?**

When a patient needs plasma, it can be challenging to get in contact with a donor within the patient's family and friends in a timely manner. It can also be challenging to get in contact with authorized donor centers.

### **What is the impact of the issue?**

Due to a lack of awareness regarding plasma donation, there is a demand for plasma donors, making it challenging for the affected patients to locate donors. During the COVID-19 pandemic, the need for plasma increased and the donor rates decreased in order to provide an immunity boost for COVID-affected patients.

### **What would happen if we didn't solve the problem?**

It takes a long time for a patient to discover the proper donor, and it also takes time for the spreading about the need for plasma donors to disseminate on social media to a larger audience. As a result, patients cannot locate the right donor within a given time frame.

**What would happen when it is fixed?**

Our application enables patients with severe liver illnesses, blood clotting issues, and covid to quickly and easily locate the correct donor within the allotted period.

**Why is it important that we fix the problem?**

The condition of the affected patient may suffer and perhaps result in death, if the appropriate plasma donor cannot be found within a certain amount of time.