

## Problem Statement

The need for plasma became urgent during the COVID 19 crisis, and the number of donors has declined. It would be helpful to save the donor information and assist the less fortunate by informing the list of current donors. In response to the issue, an application will be created that will collect donor information, store it, and provide information upon request. The application should have the following properties

- Managing multiple donors validity
- Storing sensitive information in encrypted manner
- Low downtime based solution
- Efficiently query the relevant data
- Sending alert to concerned donors