# B1-1M3E- PLASMA DONOR APPLICATION

## PROBLEM STATEMENT

During the COVID 19 crisis, the requirement of plasma became high and the donor count being low. Saving the donor information and helping the need by notifying the current donors would be a helping hand.It is very difficult find the respective blood group donors when anyone is in need.In regard to the problem faced, an application is to be built which would take the donor details store it and inform them upon a request.

| Who does the problem affect? | <ul><li>Patients</li><li>Hospital Management</li><li>Donor</li></ul> |
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| What are the boundaries of the problem? | <ul><li>Blood bank</li><li>Volunteers camps</li></ul> |
| What is the issue? | <ul><li>Unavailability of plasma donors.</li><li>Donors are not being notified at the right time when plasma needed.</li><li>Hospital management has difficulty at communicating with donors.</li><li>Time for donation and work time clash.</li></ul> |
| When does the issue occur? | <ul><li>When the patients are in need of plasma, but donor couldn't reach them at right time.</li><li>While finding rare blood groups.</li></ul> |
| Where is the issue occurring? | <ul><li>Delayed notification tend to happen</li><li>While entering details, blood group may be wrongly registered.</li></ul> |
| Why is it important that we fix the problem? | <ul><li>To increase the plasma donors & to create awareness among people.</li><li>Easy accessible and reliable to donors.</li><li>It is important to save lives of people.</li><li>To make organizations realize it is important to encourage their employees to donate plasma.</li></ul> |