Project Design Phase-I
Proposed Solution

Date	17 October 2022
Team ID	PNT2022TMID33794
Project Name	Project - Plasma donor application
Maximum Marks	2 Marks

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	We saw the world suffering from the COVID 19 crisis. There is a scientific way in which we can help reduce mortality or help people affected by COVID19 by donating plasma from recovered patients. In the absence of an approved antiviral treatment plan for a fatal COVID19 infection, plasma therapy is an experimental approach to treat COVID19-positive patients and help them recover faster. Therapy is considered competent. In the recommendation system, the donor who wants to donate plasma can donate by uploading their COVID19 certificate and the blood bank can see the donors who have uploaded the certificate and they can make a request to the donor and the hospital can register/login and search for the necessary things. And they can request a blood bank and obtain

		plasma from the blood bank.
2.	Idea / Solution description	The solution is to develop a platform in the form of an easily accessible mobile app through which people in

		need of plasma can find donors and vice versa.
3.	Novelty / Uniqueness	Many potential Plasma donors do not come forward to donate because of lack of transparency on how their donation is being used etc. This app will allow the donors to directly connect with the receiver. On top of this, it might take days for a person in need of a plasma donor to find one suitable one, this app brings everyone on a single platform thereby reducing the waiting time.
4.	Social Impact / Customer Satisfaction	This application has the potential to create a deep positive impact on society regarding plasma donation or blood donation in general. This will encourage people to donate blood or plasma. Connecting with blood banks to the regular customer through the app also makes sure of transparency. Moreover, the chances of wastage of blood or plasma in blood banks is reduced.
5.	Business Model (Revenue Model)	The app should be free to use for donors and those who are in need. The revenue will be mainly through the app downloads. This app can

| | | work as a part of a social initiative. |