PROJECT DESIGN PHASE - 1
PROPOSED SOLUTION

Date	26 October 2022
Team ID	PNT2022TMID17803
Project Name	Plasma Donor Application
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Plasma is a vital feature of the treatment of many serious health issues. There is no clear and simple way to properly connect donors and recipients. Furthermore, society lacks knowledge of plasma donation, putting patients' health in danger.
2.	Idea / Solution description	Idea is to provide a consistent yet engaging **portal that connects plasma requesters and donor**s, serving as a seamless medium of interaction that is advantageous to both donors and receivers. The request for plasma will be fulfilled by displaying the available donor list. In case of a request on a particular blood type, the user will be notified by the time of availability.
3.	Novelty / Uniqueness	Apart from the Donors list, - Receivers are given importance here and for quick plasma collection, all filtration process is included from the region based on availability based. - It's also vital to know if the donor has made any past donations in 28 Days. So our portal will display the eligible

		and inactive donors by prioritizing accordingly. • We are also planning to include details on the donation process and Plasma donation camps.
4.	Social Impact / Customer Satisfaction	Effective and simplified portal which can be accessed by anyone anytime for promising donor finds. Can be also connected with healthcare centers for more reliable sources.
5.	Business Model (Revenue Model)	Revenue is generated via page interaction and views, Advertisement impressions. No money is charged for plasma donations.
6.	Scalability of the Solution	This solution can bridge the gap between interested donors in any region with patients who are in need of blood plasma(Priority given to nearby donors). The donors can help individuals in need by donating life-saving plasma and requestors can feel free to check the portal for availability.