PROJECT DESIGN PHASE - I

PROPOSED SOLUTION

Team ID	PNT2022TMID05875
Project Name	Project – PLASMA DONOR APPLICATION

S.No.	Parameter	Description
1.	Problem Statement	People who need plasma are gaining weight every day. Plasma is necessary to help our body recover from injury, distribute nutrients, remove waste, and prevent infection as it moves through our circulatory system. They don't want to donate plasma but have no idea where to donate. We are designing a platform that contains all information about plasma donation.
2.	Solution description	Ours is a mobile application which aims to serve as a communication tool among plasma donation organizers and plasma donors. To emerge as a member of our system, donors want to create their profile through offering their statistics like name, blood group, e-mail address,phone number, password and actual region from 'Google Map', that are incorporated with this utility. This mobile app usually maintain updating the region of the donor.
3.	Uniqueness	Users can send feedback if they encountered difficulties during the donation process. This app will automatically continue to show nearby plasma donors. The donor saves the donor card digitally.
4.	Social Impact	This app will revolutionize the medical system by allowing people to donate plasma and serve humanity. You can also help people learn about the benefits of plasma donation, so your small contribution can help save someone's life.
5.	Business Model	There are many private sectors and NGOs that organize plasma donation camps. Even in partnership with companies like Biolife and other pharmaceutical companies, plasma is used to manufacture treatments for conditions like immune deficiency and bleeding disorders to increase sales.
6.	Scalability of the Solution	This application has the ability to manage more donors and provide good user experience to users. Manage traffic, respond accurately, and respond to the growing number of requests.