

Project Design Phase - I

Date	28 September 2022
Team ID	PNT2022TMID34946
Project Name	Project – Plasma Donor Application

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To solve the improper communication and synchronization between the blood banks and hospitals which leads to the lose of life. Also to solve the difficulty in finding a blood donor in emergency situation.
2.	Idea / Solution description	To provide a web application for the patient in need of blood using which the patient can able to find the blood donors and the donor's details including blood group certificate provided by the certified hospital. Also the patient can able to find the donors nearby the patient's location by using the location provided by the donor's. The donors can able to manage their profiles as active or inactive which helps the patient to easily find whether the particular donor is able to donate blood now or not.
3.	Novelty / Uniqueness	Registered donors will be certified as verified users after checking the blood group document provided by a certified hospital inorder to prevent the waste of time.
4.	Social Impact / Customer Satisfaction	The patient can be able to find the donor in a new place and can able to check whether the donor is verified or not.
5.	Business Model (Revenue Model)	The project is completely developed on service basis.
6.	Scalability of the Solution	The project is developed as a web application, so the user can access the web application from any platform. As we use cloud computing technology to deploy our web application it can manage huge amount of users request effectively.