PROJECT DESIGN PHASE – I

PROPOSED SOLUTION

Team ID	PNT2022TMID31815
Project title	Plasma Donor Application
Maximum marks	2 marks

S.No.	PARAMETER	DESCRIPTION
1.	Problem statement (Problem to be solved)	Nowadays, blood banks are the most essential inventories among all the other inventories. As there are chances of occurring new biological problems or new kind of health difficulties, there will be abundant need of blood for those infected persons. Our idea holds the information about the donors in a perfectly sorted manner. These details are updated regularly and they are completely verified.
2.	Idea/Proposed Solution	For solving the problem, we came up with an idea of developing a cloud-based web application. This app contains the details of the donor and based on the request we receive a notification will be pushed to the requestors with the required details.
3.	Novelty/Uniqueness	The requestors will receive all the essential details based upon their request. The location of the donor is also sent to the requestor. Before the donor is allowed to donate the COVID recovery certificate is verified. The user details are secured and saved by registering and can be logged in if needed.
4.	Social Impact/Customer satisfaction	Even the users with a basic knowledge can access the website or web app easily. The application provides a direct connection between the donor and the requestor.
5.	Business model (Revenue Model)	The web app requires finance source only for the cloud access and no other finance requirement is needed especially for users.

6.	Scalability of the solution	The app gets collaborated with the government organisations and the blood camping happening around certain region. Since cloud is used for storing data of the users a large number of data can be stored without any problem and can be retrieved without any difficulties.