Project Design Phase-IProposedSolutionTemplate

Date	24September2022
Team ID	PNT2022TMID18022
ProjectName	PlasmaDonorApplication
MaximumMarks	2 Marks

ProposedSolutionTemplate:

Projectteamshallfillthefollowinginformationin proposedsolutiontemplate.

S. No.	Parameter	Description
1.	Problem Statement (Problem to besolved)	Tohelptheplasmadonorandseekerbydeveloping acloud-based application.
2.	Idea/Solutiondescription	In day-to-day life requirement for plasmabecame high, especially during the COVID-19 crisis.Butthedonor countwaslow. Saving the donor information and helpingthe needy by notifying the current donorswould be a helping hand. It is very difficultto find the respective blood group donorswhen anyone is in need. Regarding theproblem faced, an application is to be builtwhich would take the donor details storethem and inform them upon request. Andalso for plasma donation centre, it is easytofinddonors.

3.	Novelty/ Uniqueness	We help the donor to access the location ofa blood centre which is nearby him/her. WeNotify them by sending a confirmationemails after they get registered for theplasma donation and also we notify themonce the appointment is fixed in the centre.Furthermore, the GPS map option isavailabletodirect thedonortothe centre.
4.	Social Impact / CustomerSatisfaction	By using this application, the user willexperience a user-friendly and responsiveinterface and they get satisfaction by savingthousandsofpeople'slife.
5.	BusinessModel(RevenueModel)	Donating Plasma with the help of anapplication makes our idea realistic. Theuser's information is encrypted. Wemaintain this app by automation for savingadmin and user time. Users get profited aswe take care of them even after the plasmadonation by giving them hospitality details.Also,weusetheChabottoanswerFAQs ,asit helps the user to get immediate answerstotheirdoubts.
6.	ScalabilityoftheSolution	Whatever the requirements, theapplicationprovidesaclearsolutionforthe requirements. It can handle more userswhousetheapplicationatthesametime .