

Project Design Phase- I Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID49331
Project Name	Plasma Donor Application
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To help the plasma donor and seeker by developing a cloud-based application.
2.	Idea/Solution description	<p>In day-to-day life requirement for plasma became high, especially during the COVID-19 crisis. But the donor count was low.</p> <p>Saving the donor information and helping the needy by notifying the current donors would be a helping hand. It is very difficult to find the respective blood group donors when anyone is in need. Regarding the problem faced, an application is to be built which would take the donor details store them and inform them upon request. And also for plasma donation centre, it is easy to find donors.</p>
3.	Novelty/ Uniqueness	<p>We help the donor to access the location of a blood centre which is nearby him/her. We Notify them by sending a confirmation emails after they get registered for the plasma donation and also we notify them once the appointment is fixed in the centre. Furthermore, the GPS map option is available to direct the donor to the centre.</p>

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 .