

## Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID36720
Project Name	Project – Plasma Donor Application
Maximum Marks	4 Marks

### Solution Architecture:

We have developed a new innovative solution through which you can directly do your online exchange based on your choice without any search. It can be done by using the chatbot. In this project you will be working on two modules:

- Donor
- Receiver

Instead of searching for plasma in the social media and navigating to individual people to find required plasma, this project leverages the use of chatbots to gather all required plasma and available resources to the user. The solution is implemented in such a way as to improve the interactivity between donor and receiver. The chatbot sends messages periodically to notify request and requirements. For security concerns, this application uses a token to authenticate and authorize users securely. The token has encoded user id and role. Based on the encoded information, access to the resources is restricted to specific users.

### Example - Solution Architecture Diagram:



