**Project Design Phase-II**

**Solution Requirements (Functional)**

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID32645 |
| Project Name | Project – plasma donor application |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Given that software operator has accessed web-application, then the software operator should be able to register through the web-application. The donor software operator must provide first name, gender, plasma group, location, contact , software operator name and password |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Operator login | Given that the software operator has registered, then the software operator should be able to login to the web-application. The login information will be stored on the database for future use. |
| FR-4 | Request plasma | Software operator(Clinic) should be able to request for plasma at emergency situation, software operator need to define plasma group, location, required date, contact. The plasma request requested will be sent to plasma bank and then to the Inventory to check the availability. If available, the requested plasma will be sent to the requested donor(Clinic). |
| FR-5 | View request | The plasma Bank should be able to view received request and then respond to them and can search requests by selecting two options select plasma group and provision. |
| FR-6 | View distribution status | The Clinic, Blood or plasma Bank should be able to view the status of the distribution time. If the distribution seems to be delayed then the clinic manager must to able to call the distribution person to get the update/revise on the distribution. |