**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 10 October 2022 |
| Team ID | PNT2022TMID33057 |
| 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 | **Access Website** | Software operator should be capable to access web-application through either an application browser or similar on the pc. |
| FR-2 | **Software operator Registration** | The software operator should be able to register through the web-application.The donor software operator must provide user name,gender,blood/plasma group,location,contact. |
| FR-3 | **Login/logout/update details** | The login information will be stored on the database for future use. |
| FR-4 | **Search for donor** | Search result can be viewed in a list.Each element in the list represents a specific donor with the donor details. |
| FR-5 | **View request** | The plasma bank should be able to view received request and then respond to them. |
| FR-6 | **View distribution details** | The plasma bank should be able to view the status of the distribution details. |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | The plasma donor application must have a good looking user friendly interface. |
| NFR-2 | **Security** | The plasma donor application must be secured with proper user name and passwords. |
| NFR-3 | **Reliability** | The plasma donor application should work properly,even when faults occur. |
| NFR-4 | **Performance** | The plasma donor application must perform well in different scenarios. |
| NFR-5 | **Availability** | The plasma donor application must available 24 hours a day with no bandwidth issues. |
| NFR-6 | **Scalability** | The plasma donor application should able to increase or decrease in performance and cost in response to changes in application and system processing demands. |