**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 14 October 2022 |
| Team ID | PNT2022TMID08712 |
| Project Name | Project –Plasma Donor Application |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form (WebApp) |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Statistical Data | The provision of plasma is given in the web page as stats, with a view to be beneficial for the customers |
| FR-4 | Plasma Request by the User | Users can request to donate plasma by way of filling out the request form on the page.  As soon as the request is submitted, they will get an e-mail to the registered one |
| FR-5 | Searching/Reporting Requirements | Users can use the search bar to appearance up information approximately camps and different topics. |
| FR-6 | Certification/Reward | After the donor donates plasma, we will deliver them a certificate of appreciation and authentication. |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Must have a good looking User friendly interface. |
| NFR-2 | **Security** | It should be secured with the proper username and password. |
| NFR-3 | **Reliability** | The system should be made in such a way that it's reliable in its operations and for securing the sensitive information. |
| NFR-4 | **Availability** | It requires an active internet connection for checking the status. |
| NFR-5 | **Scalability** | To ensure the maintenance of both software and server, we use platforms that facilitate the application, allow applying updates when needed, and ensuring the efficient work of the WebApp. |