**Project Design Phase-II**

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

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| Date | 03October 2022 |
| Team ID | PNT2022TMID48261 |
| Project Name | 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 | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Html, javascript, flask | Through web application |
| FR-4 | Login portal | Through the application |
| FR-5 | Donor history | Through the database |
| FR-6 | Donors list based on their locality | Through the database |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | * **User can donate and request blood.** |
| NFR-2 | **Security** | **User details can be safe** |
| NFR-3 | **Reliability** | **Can access from anywhere at any time.** |
| NFR-4 | **Performance** | **Can request and donate blood at anytime through this application** |
| NFR-5 | **Availability** | **In blood bank all blood groups are available** |
| NFR-6 | **Scalability** | **More facilities can be added like more than ten database.** |