## Project Design Phase-II
## Solution Requirements (Functional & Non-functional)

| Date | 17 October 2022 |
|---|---|
| Project Name | Plasma Donor Application |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

The suggested solution's functional requirements are listed below.

| FR No. | Functional Requirement | Sub Requirement |
|---|---|---|
| FR1 | User Registration | This is a form that collects information from user. |
| FR2 | Login | You will need to enter your username and password here. |
| FR3 | Calendar | The user must be able to add the information of their blood group and can find people who can donate. |
| FR4 | Plasma Application | Donors should be represented whether they have recovered from covid and only those should be allowed. |
| FR5 | Report generation | The report must be represented in a Tabular Format. |
| FR6 | Category | Users of this application will be able to add review donors. |

**Non-functional Requirements:**

The non-functional requirements of the proposed solution are as follows.

| NFR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | keeps an accurate record of donors without any fake information. |
| NFR-2 | **Security** | a detailed list of donors who are willing to. |
| NFR-3 | **Performance** | There are large number of donors as well as an option. Because of lightweight database support, the system's throughput is increased. |
| NFR-4 | **Availability** | The application must be completely operational at all places. |
| NFR-5 | **Scalability** | The application must always function in its entirety. |