**Project Design Phase II**

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

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| Date | 22 October 2022 |
| Team ID | PNT2022TMID04545 |
| Project Name | Project – Plasma donor |
| Maximum Marks | 4 Marks |

Functional Requirements:

Following are the functional requirements of the proposed solution

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| S.no | Functional Requirement | Sub Requirement (sub task) |
| 1 | User Registration | Registration through login (Email or Ph.no) |
| 2 | User Confirmation | Confirmation via Email or OTP |
| 3 | Location access | Sharing donor or recipient location |
| 4 | Recipient request | Inform through notification or through mail |
| 5 | Donor request or acceptance | Accept through the portal |
| 6 | Result | Define product features |

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution

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| --- | --- | --- |
| S.NO | Non-Functional Requirement | Description |
| 1 | Usability | The quality of experience when interacting with the application will be attained |
| 2 | Security | A system’s ability to prohibit unauthorized access , usage or behavior modification. |
| 3 | Performance | Processing speed , response time ,resource consumption, throughput and efficiency |
| 4 | Availability | Made publicly available a new dataset formed by a set of plasma donors profiles and a set of patient collected from different search engine sites |
| 5 | Scalability | The application has the ability to handle growing numbers of users and load without compromising on performance |