**Project Design Phase-II**

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID32703 |
| Project Name | Project – Visualizing and predicting heart disease with an interactive dashboard |
| 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 |
| FR-2 | **User Confirmation** | Confirmation via Email  Confirmation via OTP |
| FR-3 | **Network Allowance** | Access internet through Wi-Fi  Access internet through mobile data |
| FR-4 | **Inevitable questions** | Must attend all the unavoidable questions |
| FR-5 | **Terms and Conditions** | Accept the policies |

**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 quality of a user's experience when interacting with products or systems will be high. |
| NFR-2 | **Security** | The data collected from the user is stored securely. |
| NFR-3 | **Reliability** | The project software consistently does what is supposed to do and the user can navigate safely. |
| NFR-4 | **Performance** | The software could be so effective with respect to time constraints and allocation of resources. |
| NFR-5 | **Availability** | The network bandwidth will be at good range so that the software can be available for large number of users. |
| NFR-6 | **Scalability** | The software could be moved from a smaller to a larger operating system and take full advantage of the larger operating system, in turn the large number of users can be handled |