***PROJECT DESIGN PHASE-2***

***SOLUTION REQUIREMENTS***

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| Date | 14th October 2022 |
| Team Id | PNT2022TMID44881 |
| Project name | Analytics for hospital health care data. |
| Maximum marks | 4 Marks |

***(FUNCTIONAL & NON-FUNCTIONAL)***

**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 Message |
| FR-3 | **Interoperability** | Dashboard helps to share the patient’s information interoperable to the hospitals in timely manner. |
| FR-4 | **Accuracy** | Dashboard helps predict the patient’s Health risks accurately based on LOS (Length of Stay). |
| FR-5 | **Compliance** | The compliance of a dashboard is like to use very interactively in real time by the hospitals. |
| FR-6 | **Concise** | These dashboards are clear, intuitive, and customizable and interactive in manner. |

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | Usability | The project must be easy to use. The user needs to have a good experience while working with the interface. |
| NFR-2 | Security | Every user can access the website only if they posses the password. The database is secured with encryption techniques which provides high levels of security |
| NFR-3 | Reliability | The project must have minimal degree of failure under normal usage and how often does the user get access to this work |
| NFR-4 | Performance | The project must respond quickly to the user's actions or even if the user has to wait the waiting period must be short. |
| NFR-5 | Availability | The project is platform independent. It runs perfectly on almost every platform. |
| NFR-6 | Scalability | The project allows multiple users to handle the data at the same time. It is highly scalable since adding features and making advancements in the website is uncomplicated. |

**Non-functional Requirements:**

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