**Project Design Phase-II**

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

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| Date | 10 May 2023 |
| Team ID | NM2023TMID18602 |
| Project Name | Estimation and Prediction of Hospitalization and Medical Care Costs |

**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 website |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Admin Collect | Admin collect from collect the database |

**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** | Hospital device usability is the characteristics of the User Interface that facilitate Use, to make it easier for the users to perceive the information presented by the User Interface, to understand and make a decision based on that information. |
| NFR-2 | **Security** | Hospital device security refers to the tools and practices that prevent attackers from gaining unauthorized access to or control over medical devices and the data they generate. You may think of medical device security as a subcategory of Da security. |
| NFR-3 | **Reliability** | Hospital device reliability is defined as the probability of medical devices to perform its intended function for a specified period of time or medical device ability to operate without failure and specifies a future function or performance of a device. |
| NFR-4 | **Performance** | Health system performance has three dimensions: accessibility, quality, and efficiency. Together these determine the extent to which the achievable in health care can be attained. Accessibility describes the extent to which patients are able to get the care they need when they need it. |
| NFR-5 | **Availability** | The availability operation of the health care system. Credibility, effectiveness and attendance at health facilities, depend to a large extent on patient being able to obtain relevant medicines at the right time. A good diagnosis is not much use if the patient cannot obtain the necessary treatment. |
| NFR-6 | **Scalability** | ​Scalability is the ability of a health intervention shown to be efficacious on a small scale and/or under controlled conditions to be expanded under real world conditions to reach a greater proportion of the eligible population, while retaining effectiveness. |