**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 10 October 2022 |
| Team ID | PNT2022TMID44886 |
| Project Name | Project - Analytics for Hospital Health Care data |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| 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. |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | This Dashboards are designed to offer a comprehensive overview of patient’s LOS, and do so through the use of data visualization tools like charts and graphs |
| NFR-2 | **Security** | The Dashboard helps to indicate the current threat level to the Hospitals; an indication of events and incidents that have occurred; a record of authentication errors; an indication of scans, probes and unauthorized access, and an indicator . |
| NFR-3 | **Reliability** | This dashboard will be consistent and reliable to the users and helps the user to use in effective ,efficient and reliable manner. |
| NFR-4 | **Performance** | This dashboard can scan the backend users and analyzing the frequency in which they visit the dashboard helps understand how useful and helpful the data displayed is for tasks. |
| NFR-5 | **Availability** | The dashboard can available to meet user’s demand in timely manner and it is also helps to provide necessary information to the user’s dataset |
| NFR-6 | **Scalability** | The layers used in the dashboard are a hosted feature layer, feature layer view, or hosted tile layer |