Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 14th October 2022 |
| Team ID | PNT2022TMID18166 |
| Project Name | Analytics for Hospital health data |
| 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 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. |

# 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** | 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; unauthorized access |
| 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. |

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| 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. |