

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

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|---------------|--|
| Date          | 19 October 2022                                    |
| Team ID       | PNT2022TMID37428                                   |
| Project Name  | Project - Analytics for Hospitals 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<br>Registration through Gmail<br>Registration through LinkedIn           |
| FR-2   | User Confirmation             | Confirmation via Email<br>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  | <b>Usability</b>           | 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  | <b>Security</b>            | 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  | <b>Reliability</b>         | This dashboard will be consistent and reliable to the users and helps the user to use in effective, efficient and reliable manner.  |
| NFR-4  | <b>Performance</b>         | 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 | <b>Availability</b> | 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 | <b>Scalability</b>  | The layers used in the dashboard are a hosted feature layer, feature layer view, or hosted tile layer.   |