

Solution Requirements (Functional & Non-functional)

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| Date | 09 th November 2022 |
| Team ID | PNT2022TMID16326 |
| Project Name | Analytics for Hospital health 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 |
| 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.

| 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. |

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| 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 tilelayer. |