

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

Date	14 <sup>th</sup> October 2022
Team ID	PNT2022TMID34988
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	<b>User Registration</b>	Registration through Form Registration through Gmail
FR-2	<b>User Confirmation</b>	Confirmation via Email Confirmation via Message
FR-3	<b>Interoperability</b>	Dashboard helps to share the patient's information interoperable to the hospitals in timely manner.
FR-4	<b>Accuracy</b>	Dashboard helps predict the patient's Health risks accurately based on LOS (Length of Stay).
FR-5	<b>Compliance</b>	The compliance of a dashboard is like to use very interactively in real time by the hospitals.
FR-6	<b>Concise</b>	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.

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.