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

Date	15 October 2022
Team ID	PNT2022TMID08776
Project Name	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 Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Analytics	Because raw data is imperfect, Cognos analytics is used to clean and analyse it.
FR-4	Check out	Deleting Patient ID from the dashboard during patient's checkout and then make the bed empty so the beds are visible in the dashboard
FR-5	Report	Preparing reports on current patients, number of beds, Patient's needs.
FR-6	visualizations	Build the visualizations for length of stay, severity of illness age, department wise patient, room availability, case study.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The designed dashboard provides the Patient's LOS and Severity of illness through graphs, pie chart, cross tab and other tools
NFR-2	**Security**	The dashboard provides login ID that is any users who make use of the dashboard needs to hold a login ID and password.

NFR-3	**Reliability**	Users will find this dashboard to be constant and dependable, assisting them in using it effectively, efficiently, and dependably.
NFR-4	**Performance**	This dashboard operates quickly, offers high levels of interactive data, and has a large capacity for data. And datas are frequently updated.
NFR-5	**Availability**	This dashboard is always accessible.
NFR-6	**Scalability**	This dashboard will be able to accommodate a larger user base in the future and will satisfy the customer's future needs.