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

Date	03 October 2022
Team ID	PNT2022TMID45493
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 Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Database	Maintain the database of patient information and health data in a transparent, secure, and accurate way
FR-4	Data Cleanse	Detect and correct corrupt or inaccurate records from the data set
FR-5	Predict and analysis	Analyse the data, visualize the data and predict length of stay
FR-6	Check out	Ensuring all formalities and commitments from hospitals to patients and vice versa are fulfilled

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Used to understand and visualize the data to make decisions
NFR-2	**Security**	Hosted on Cloud-based servers which are located away from the premises, it remains protected from cyberattacks on hospital systems
NFR-3	**Reliability**	Software as a service, highly resilient to any technology disruptions, downtime, or crashes experienced by other technology systems
NFR-4	**Performance**	The ability to offer users to allow them the use of one part of the function or help them monitor every activity necessary for healthcare
NFR-5	**Availability**	Perfectly runs every platform
NFR-6	**Scalability**	Anyone can access the dataset and dashboard with security authentication