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

Date	17 October 2022
Team ID	PNT2022TMID32896
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 Gmail
FR-2	User Confirmation	Confirmation via gmail
FR-3	User Login	Login through Gmail
FR-4	Uploading the data	Uploading into the IBM Cognos analytics
FR-5	Preparing the data	Data module creation
FR-6	Exploring the data	Performing predictive analysis
FR-7	Visualizing the data	Creating dashboards

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The Dashboards are created using cognos analytics to display the results of predictive analysis on a patient's LOS that could be used for easy understanding.
NFR-2	**Security**	The application helps in preventing unauthorized access.
NFR-3	**Reliability**	The results will be reliable to the users and always consistent.
NFR-4	**Performance**	The analysis results are fast to get. Visualizations are made in less time usually seconds
NFR-5	**Availability**	The dashboards can be available always when there is a demand
NFR-6	**Scalability**	The application can perform analysis and create visualizations on any patient's data.