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

Date	14 October 2022
Team ID	PNT2022TMID30370
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	Dataset	Upload the dataset to the dashboard
FR-2	Analysis	Data is pre-processed and cleaned. After cleaning the exploration process is carried out
FR-3	Prediction	Machine learning algorithm is used for prediction
FR-4	Visualization	Visualization of the prediction is shown in the dashboard created using IBM Cognos Analytics

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Dashboards are created in order to display the length of stay prediction in visual manner. So, the prediction can be easily understood.
NFR-2	**Security**	The dataset uploaded to the dashboard cannot be downloaded or accessed by external sources.
NFR-3	**Reliability**	Dashboard created after the prediction process will be more reliable and shows the result clearly and effectively.
NFR-4	**Performance**	The prediction has more accuracy.
NFR-5	**Availability**	Predicted data will be available for some time after the prediction.
NFR-6	**Scalability**	This system will predict the length of stay of all kind of patients