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

Date	27 October 2022
Team ID	PNT2022TMID10306
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**	The User has his/her own ID to get registered in the portal or Dashboard.
FR-2	**User Confirmation**	Confirmation via OTP (if necessary).
FR-3	**Dashboard**	The collected data are found in visualized format and the prior data are analyzed.
FR-4	**Dataset**	The patients record and staffs record are collected and consolidated as dataset.
FR-5	**Report Generator**	The periodic reports of patients and the LoS are reported.
FR-6	**Exploration**	The data exploration on available dataset.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The user can analyze about the Patients detail and their Length of Stay.
NFR-2	**Security**	The data are confidential so Hospital Staffs conscious about it.
NFR-3	**Reliability**	The Analytics system ensures the reliability.
NFR-4	**Performance**	The accurate result of patients LoS can be identified.
NFR-5	**Availability**	The availability of dataset must be constrained for accurate data.
NFR-6	**Scalability**	Any kind of data can be explored and the system is quiet expandable.