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

Date	03 October 2022
Team ID	PNT2022TMID23557
Project Name	AMALYSIS FOR HOSPITAL'S 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 the form
FR-2	Check availability	Checking the availability of rooms and beds in the hospital for allocating the rooms and bed for a new patient
FR-3	Analysing the user data	Analysing through a registered form by a user and providing the LOS
FR-4	Display the data	Using a dashboard displaying a patient progress and also updating the LOS

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It is very user friendly application as we are using the visualizations techniques for easy understanding of the LOS.
NFR-2	**Security**	We can secure the patients data with appropriate caution and take smart decisions . Restrict access to data and applications.
NFR-3	**Reliability**	It provides consistency in quality and safety of health care systems or processes performed over a required period of time .it is trustable since it has a lower risk of errors and processes failures that can cause patients harm.
NFR-4	**Performance**	It is high performance performed application because doctors can easily find the available LOS.

NFR-5	**Availability**	It measures the extent to which the provider has the requisite the LOS which meets the needs of the user.
NFR-6	**Scalability**	Scalability provides implanting a digital way to accommodate in any size facility with any number of users. Multiple facilities can be hooked up to a central administrative control centre ,all able to operate together at the same time and able to share information with each other at the same time