

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

Date	12 November 2022
Team ID	PNT2022TMID00449
Project Name	Project - Analysis of Hospital Healthcare 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	Every patient has some necessary data like phone number, their first and last name, personal health number, postal code, country, address, city, patient's ID number, etc
FR-4	Check out	Analyzing and monitoring of beds which are required are the most important task. Using flawless systems for accurately tracking the availability of beds.
FR-5	Providing insights of dataset	Raw data collection and sharing of data and systems are essential factors in hospital management. According to these data in appropriate measures can be taken. Providing data set without human error.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The designed dashboard provides the Patient's LOS and Severity of illness through graphs, piechart, cross tab and other tools
NFR-2	Security	This process of protecting data from unauthorized access and data corruption throughout its lifecycle
NFR-3	Reliability	The project must have minimal degree of failure under normal usage and how often does the user get access to this work
NFR-4	Performance	This dashboard operates quickly, offers high levels of interactive data, and has a large capacity for data. And data are frequently updated.
NFR-5	Availability	Better coordination with the hospital management to provide all its resources accessible when needed. Accessibility of all medical facilities.
NFR-6	Scalability	The project allows multiple users to handle the data at the same time. It is highly scalable since adding features and making advancements in the website is uncomplicated.