

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

Date	03October 2022
Team ID	PNT2022TMID13684
Project Name	Analytics 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 Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via message
FR-3	Data cleaning	In data cleaning, many potential data are duplicated or incorrectly labelled by the users because we are merging the multiple data sources in dataset
FR-4	Reliability	Users may utilise this dashboard in an effective, efficient and reliable manner. So, it is consistent and reliable for hospital's management.
FR-5	Accuracy	In dashboard can predict the patient health risks based on length of stay(LOS) and analysis of the data sources in graphical representation.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	To provide a clear understanding of the patient's Length of stay(LOS), This dashboard makes use of data visualisation techniques including charts and graphs.It will be use for doctors should give the immediate treatment to patients.
NFR-2	Security	Only users who have the password can access the website. High degrees of security are provided though the use of encryption techniques to secure the database.
NFR-3	Reliability	Users will find this dashboard to be constant and dependable, assisting them in using it effectively, efficiently, and dependably.
NFR-4	Performance	It must respond the user quickly for allotting the beds in hospital's as well as the treatment for patients in the effective manner it will automatically allocate the doctors in hospital's management.
NFR-5	Availability	It is platform independent. It runs perfectly on almost every platform.
NFR-6	Scalability	It can allows the multiple users to handle the data at the same time. It is highly scalable since adding features and making advancements in the website.