Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	21/10/2022
Team ID	PNT2022TMID45318
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	Registration through Form Registration through website
FR-2	User Confirmation	Confirmation via Email Confirmation via Message
FR-3	Data Cleaning	We clean the data because there are many potential for data to be duplicated or incorrectly labelled when merging multiple data sources
FR-4	Reliability	Users may utilise this dashboard in an effective, efficient, and reliable manner since it is consistent and reliable for them.
FR-5	Accuracy	Dashboard accurately predicts the patient's health risks based on the length of their stay.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	In order to provide a clear understanding of the patient's Length Of Stay, this dashboard makes use of data visualisation techniques including charts and graphs.
NFR-2	**Security**	Only users who have the password can access the website. High degrees of security are provided through 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**	The project must respond quickly to the user's actions or even if the user has to wait the waiting period must be short.
NFR-5	**Availability**	The project is independent of platforms. On practically every platform, it functions flawlessly.
NFR-6	**Scalability**	The project enables concurrent usage of the data by several people. Because adding features and improving the website is simple, it is very scalable.