

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

Date	03 October 2022
Team ID	PNT2022TMID07428
Project Name	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 Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Operability	Transmit patient information and make it compatible between the administration
FR-4	Accuracy	Predicting length of stay will be possible using the dashboard. Depending on various combinations of the input sources in a precise manner
FR-5	Adherence	The object is meant to be used in a hospital, therefore any forms of data need not be kept secret.
FR-6	Productivity	According to expectations, the dashboard would enhance Length of Stay, therefore generating a situation where offering a more effective remedy

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The efficiency, productivity, and contentment with which certain people are capable of a particular set of tasks performed in a certain setting.
NFR-2	<b>Security</b>	This method of preventing unwanted access to data access and data corruption during the course of its life
NFR-3	<b>Reliability</b>	Error rates are lower with systems that are very reliable. Potential mistakes in processes that could hurt patients
NFR-4	<b>Performance</b>	Among the performance metrics are Effective and high-quality patient care Cost of medical services Performance inequalities results of care

NFR-5	<b>Availability</b>	The platform can be made available to users upon request. Timely manner, it also aids in providing information that is required for the user's dataset
NFR-6	<b>Scalability</b>	The capacity of a medical assistance to effective when used carefully or under strict control expanding the circumstances under actual world conditions to increase the percentage of the while maintaining effectiveness, to the eligible population