

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

Date	14 October 2022
Team ID	PNT2022TMID15567
Project Name	Project – Analytics of 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	Share patient data and make it interoperable among the management
FR-4	Accuracy	The dashboard will be able to predict length of stay based on multiple combinations based on input sources with a n accuracy of upto 85%
FR-5	Compliance	The product is to be used within the hospital so any form of data need not be hidden
FR-6	Productivity	The dashboard is believed to improve the predictions of Length of Stay and thereby creating a scenario of providing better solution

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	This Dashboards are designed to offer a comprehensive overview of patient's LOS, and do so through the use of data visualization tools like charts and graphs.
NFR-2	<b>Security</b>	General industry level security shall be provided
NFR-3	<b>Reliability</b>	This dashboard will be consistent and reliable to the users and helps the user to use in effective, efficient and reliable manner.
NFR-4	<b>Performance</b>	The dashboard reduces the time needed for analysing data and has an automated system for that which improves the performance

NFR-5	<b>Availability</b>	The dashboard can available to meet user's demand in timely manner and it is also helps to provide necessary information to the user's dataset
NFR-6	<b>Scalability</b>	It is a multi-tenant system which is capable of rimming on lower level systems as well.