

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

Date	16 October 2022
Team ID	PNT2022TMID53212
Project Name	Project – Analytics of Hospitals Health Care Data
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	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	Security	General industry level security shall be provided
NFR-3	Reliability	This dashboard will be consistent and reliable to the users and helps the user to use in effective, efficient and reliable manner.

NFR-4	Performance	The dashboard reduces the time needed for analysing data and has an automated system for that which improves the performance
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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.

NFR-5	Availability	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	Scalability	It is a multi-tenant system which is capable of rimming on lower level systems as well.