

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

Date	15 October 2022
Team ID	PNT2022TMID44635
Project Name	Project – analytics for hospital 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	Register portal or dashboard
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Dashboard	The collect the data are found in visualized format and the prior data as analyzed.
FR-4	Dataset	The patients record and staff record are collected and consolidated as dataset
FR-5	Report generator	The periodic reports of patients and Los are reported
FR-6	Exploration	The data exploration on available dataset

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The effectiveness, efficiency and satisfaction with which specific user can achieve aa specific set of task in a particular environment
NFR-2	Security	Educate heath care staff The data are confidential so hospital staff conscious about it. restrict access to data and application
NFR-3	Reliability	The analytics systems ensures patients Los can be identified. Data analytics in clinical settings attempts to reduced patients wait via improved scheduling and staffing ,give patients more option when scheduling appointment and receiving treatment and reduced readmission rates by using population health data to predict which patient are at greatest risk

NFR-4	Performance	Promote preventive in measures by giving patients greater insight into their health and treatment goals. The accurate results of patient Los can be identified
NFR-5	Availability	The availability od data set must be constrained for accurate data. Each year there is more demand for data analytics and scientist than there are people with the right skills to fills those roles.
NFR-6	Scalability	Any kind data can be explored and the system is quite expendable. scalability is the ability of a health intervention shown to be efficacious on a small scale and/or under controlled condition to be expanded under real world conditions to reach a greater proportion of the eligible population, while retaining effectiveness