

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

Date	14 October 2022
Team ID	PNT2022TMID23311
Project Name	Analytics for Hospital's 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.
FR-2	Check Availability	Checking the availability of the beds in the hospital for allocating the new patients LOS.
FR-3	Analysing the User Data	Analysing through the registered form by user and providing the LOS or no need of LOS.
FR-4	Display the Data	Using the dashboard displaying the patients Progress and also updating of LOS.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It is very user friendly application as we are using the visualizations techniques for easy understanding of the LOS.
NFR-2	Security	We can secure the patients data with appropriate caution and take smart decisions. Restrict Access to Data and Applications.
NFR-3	Reliability	It provides consistency in quality and safety of health care systems or processes performed over a required period of time .It is trustable since it has a lower risk of errors and process failures that can cause patients harm.
NFR-4	Performance	It is high Performance Application because doctors can easily find the available LOS.
NFR-5	Availability	It measures the extent to which the provider has the requisite the LOS which meets the needs of the user.
NFR-6	Scalability	Scalability provides implanting a digital way to accommodate in any size facility with any number of

		users. Multiple facilities can be hooked up to a central administrative control centre, all able to operate together at the same time and able to share information with each other at the same time.
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