

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

Date	03 October 2022
Team ID	PNT2022TMID12449
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	User needs to give their Email and Password
FR-2	Login Page	Login with User name and password
FR-3	List of Analytics	The webpage consists of many analytics dashboards
FR-4	User Dashboard	Take the data which is given by the user and interactive dashboard can be created.
FR-5	Analysis and Estimation	Analyze the patient details from the data and estimate the length of patient stay in the hospital.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The data which is needed which will be displayed in one and that can be easily understandable and will be useful for both the patient and hospital to enhance the hospitality.
NFR-2	Security	Only authorized users can access the resource.
NFR-3	Reliability	A particular visualization or particular dashboards that is added or erased which will not affect the other dashboards.
NFR-4	Performance	Data Analytics can be more efficient and more faster as compared with other technologies therefore it can be useful to people like patients as well as hospital side.
NFR-5	Availability	This data analytics techniques and the allocation of the resource can be made to make high profit as well as high availability in the hospitals.
NFR-6	Scalability	The data stored can be viewed and can be seen the data at any time and anywhere.