

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Date	06 October 2022
Team ID	PNT2022TMID52975
Project Name	Analytics for Hospitals' Health Care Data

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 Google Form Registration through Gmail.
FR-2	User Confirmation	Confirmation via Email.
FR-3	Accuracy	Dashboard helps predict the patient's Health risks based on LOS(Length of Stay) .
FR-4	Interoperability	Dashboard helps to share the patient's information which is compatible with various other hospital management systems.
FR-5	Compliance	The dashboard is interactive in real time and is easy to operate.
FR-6	Concise	The dashboard has a clear understandable display. It is customizable and is interactive.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The dashboard will display the best treatment plan based on the LOS (Length of Stay) through the use of data visualization tools like pie charts and graphs.
NFR-2	Security	The Dashboard has inbuilt security feature to prevent data breach and loss of data. It also has the added feature of indicating authentication errors.
NFR-3	Reliability	The Dashboard will be consistent and reliable to the users and help the user to in an effective, efficient and reliable manner.
NFR-4	Performance	The Dashboard has a feedback system in which the customers can use and will be used to further improve the functionality.
NFR-5	Availability	The Dashboard is available to meet the users demands in a timely manner and it also helps to provide necessary information to the users data set.
NFR-6	Scalability	Other Hospital Management facilities can be added with the Dashboard to make a common Hospital Management System