

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

Date	03October 2022
Team ID	PNT2022TMID31131
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
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	Admin Registration	The system provides login for admin.
FR-2	Admin Monitoring	The system should allow administrator to monitor.
FR-3	Remove Dataset	To remove inappropriate datasets and code.
FR-4	User Registration	The system allows users to create an account and login.
FR-5	Disease Prediction	The system allows the users to predict heart disease.
FR-6	User Updation	The system allows the users to update their profile and password.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Effectively predicts if the patient suffers from heart disease by the input values from the patient's health report.
NFR-2	Security	The best suitable approach for heart disease prediction with providing security to health dataset.
NFR-3	Reliability	The structure must be reliable and strong in giving the functionalities. The movements must be made unmistakable by the structure when a customer has revealed a couple of enhancements.
NFR-4	Performance	The framework will be utilized by numerous representatives all the while. Since the system will be encouraged on a single web server with a lone database server outside of anyone's ability to see, execution transforms into a significant concern.
NFR-5	Availability	Availability of services is essential for those who have highly disease affected patients.
NFR-6	Scalability	Scalable framework that uses healthcare data to predict the heart diseases based on attributes.