

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

Date	03 October 2022
Team ID	PNT2022TMID12915
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	User Registration	Registration through Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	User Input	The medical records of the user can be directly obtained from the user or can be obtained from their doctor.
FR-4	Reports and Visualizations	The final results will be generated in the form of an extensive report along with a creative visualization.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The user interface is easy to use for everyone and the entire process could be completed in a reasonable amount of time.
NFR-2	<b>Security</b>	Medical records are private, so authentication using passwords and OTP confirmation are used.
NFR-3	<b>Reliability</b>	The site undergoes regular maintenance to ensure that there are no issues.
NFR-4	<b>Performance</b>	The output will be generated without any delays.
NFR-5	<b>Availability</b>	The site will be available 24x7.
NFR-6	<b>Scalability</b>	By increasing the number of servers, more users can use the site at the same time.