

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

Date	16 October 2022
Team ID	PNT2022TMID03384
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dashboard
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 Email
FR-2	User Confirmation	Confirmation via Email
FR-3	Visualizing Data	Visualize the trends on heart disease through Dashboard created using IBM Cognos Analytics
FR-4	Generation Report	Report can be viewed by the users

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Provide a simple UI. Actions can be easily performed by a few clicks. Features will be understandable.
NFR-2	<b>Security</b>	2 step authorization (for register) Have a backup dataset
NFR-3	<b>Reliability</b>	Error must be low.(Improve accuracy) Must work without glitches
NFR-4	<b>Performance</b>	It is affected by the implementing algorithm. Depending on the error metrics we have to choose an algorithm with high response time.
NFR-5	<b>Availability</b>	Must be available for the user 24 x 7 without interruptions
NFR-6	<b>Scalability</b>	Should withstand a high number of users and large datasets.