<h1 style="text-align:center">Project Design Phase-II
Solution Requirements (Functional & Non-functional)</h1>

Date	15 October 2022
Team ID	PNT2022TMID00437
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	User can make registration for the application through Gmail
FR-2	User Confirmation	User can confirm their mail id via confirmation mail.
FR-3	Visualizing Data	User can visualize the trends on the heart disease through Dashboard created using IBM Cognos Analytics
FR-4	Generating Report	User can view his/her health report and can make decisions accordingly.

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The application will have a simple and user-friendly graphical interface. Users will be able to understand and use all the features of the application easily. Any action has to be performed with just a few clicks
NFR-2	**Security**	When it comes to customers' data, we should provide security. There should be no errors or leakage of data. The data should be retrieved in emergency situation such as crash. The important data should be kept safe.
NFR-3	**Reliability**	The data is complete and accurate, and it is a crucial foundation for building data trust across the organization. Ensuring data reliability is one of the main objectives of

			data integrity initiatives, which are also used to maintain data security, data quality, and regulatory compliance.
NFR-4	**Performance**		Performance of the application depends on the response time and the speed of the data submission. The response time of the application is direct and faster which depends on the efficiency of implemented algorithm
NFR-5	**Availability**		The application is functioning properly and usable to meet the requirements of an individual or business.
NFR-6	**Scalability**		The application can withstand the increase in the no. of users and has to be able to develop higher versions