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

Date	03 October 2022
Team ID	PNT2022TMID54403
Project Name	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	Permit the user to make registrations through Gmail for the application
FR-2	User Confirmation	After the completion of registration, the user tend to get the confirmation via Gmail
FR-3	Visualizing Data	The respected user can visualize the current trends on the prediction of heart disease through the interactive dashboard created using the IBM Cognos Analytics
FR-4	Generating Report	User can view his/her health report and then can make the decisions

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Application posses a user friendly graphical interface. Features of the application need to be understand by the user
NFR-2	**Security**	Database replication should be used for security of the application, all the important data must be safe.
NFR-3	**Reliability**	The application has to work without failure in environment and it has to be compatible
NFR-4	**Performance**	Performance depends on the response time and speed of data. Response time which is faster depends on the executed algorithm
NFR-5	**Availability**	The application has to be available for 24x7 without any interference
NFR-6	**Scalability**	The application wish to develop the higher versions and it increase in the number of users