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

Date	31 October 2022
Team ID	PNT2022TMID51005
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 Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User verification	Verification through CAPTCHA Verification through I'm not a robot
FR-4	User Authentication	Recognition of correct person Resending the code in case of forgot password
FR-5	User validation	Reconfirming the new password Sending a two digit number in (Google account) your Old devices, so that you can enter into a new device By entering the two digit number
FR-6	User Submission	Submission through Google form Submission through Email.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	An intuitive graphical user interface will be provided for the application. All of the application's features will be easy for users to understand and use. It must simply take a few clicks to do any task.
NFR-2	**Security**	The application's security should make use of the database replication approach to guarantee the protection of all essential data.In the event of a system failure, data backup and recovery must be possible.
NFR-3	**Reliability**	The programme must function flawlessly in all circumstances and across all environments.

NFR-4	**Performance**	Response time and data submission speed are key factors in how well an application performs. Because the implemented algorithm is effective, the application responds more quickly and directly.
NFR-5	**Availability**	The application must be accessible to users 24 hours a day, seven days a week, without interruption.
NFR-6	**Scalability**	The application must be able to handle a rise in the number of users and generate higher versions.