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

Team ID	PNT2022TMID34361
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 Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Visualizing Data	User can visualize the conditions on the heart disease through Dashboard created using IBM Cognos Analytics.
FR-4	Generating Report	User can view his/her health report.

Non-functional Requirements:

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

FR 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**	For security of the application the technique known as database replication should be used so that all the important data should be kept safe. In case of crash, the system should be able to backup and recover the data.
NFR-3	**Reliability**	The application has to be consistent at every scenario and has to work without failure in any environment.
NFR-4	**Performance**	Performance of the application depends on the response time and the speed of the data submission.
NFR-5	**Availability**	The application has to be available 24 x 7 for users without any interruption.
NFR-6	**Scalability**	The application can withstand the increase in the no. of users and has to be able to develop Higher versions.