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

Team id	PNT2022TMID24011
Project Name	Project - Visualising 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	Account Creation	User fill Gmail and password for account creation
FR-3	User Confirmation	Confirmation via Email Confirmation via OTP
FR-4	Personal details for account	Apart from the basic details,user need to enter details such as name,age,sex,height, weight, previous medical records,etc
FR-5	Regular medical condition updation in app	Entry present medical records, symptoms,etc
FR-6	Doctor consultation	Expert doctor consultation through app

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Better workflow higher accuracy. Visualising and Predicting Heart diseases with an interactive dashboard.Thanks to the fact that doctors have access to a healthcare data network via an app,the risk of a mistake is minimized.this is incorporate make it simple for users to record their health data and access medical treatment.
NFR-2	**Security**	Some data privacy risk.resistance from doctors due to perceived loss of control over care process.Lack of good quality scientific research into health impacts.this is built to keep your data secure and product privacy.your data is encrypted and always in control your health information.
NFR-3	**Reliability**	The structure must be reliable and strong in giving the functionalities.The movements must be made unmistakable by the structure when a customer has

		revealed a couple of enhancements.The progressions made by the programmer must be project pioneer and in addition the Test designer.
NFR-4	**Performance**	The framework will be utilised by numerous representatives all the while.Since the system will be encouraged on a single web server with a lone database server outside of anyone's ability to see, execution transform into a significant concern.
NFR-5	**Availability**	The patient can prefer manual prediction. There are instructions available which can predict heart disease but either they are expensive or are not efficient to calculate change of heart disease in human. Hard mathematical formulae were created and the results were being calculated manually.
NFR-6	**Scalability**	The system watching and upkeep should be fundamental and focus in its approach.There should not be an excess of occupation running on diverse machine such that it gets hard to screen whether the employments are running without lapses.