Project Phase - 2
Functional Requirements Template

Date	12 October 2022
Team ID	PNT2022TMID02667
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	4 Marks

Functional Requirements :

Following are the functional requirements of the proposed solutions.

FR No.	Functional Requirement(Epic)	Sub Requirement(Story/Sub-tasks)
FR-1	User Registration	Registration via Google account
FR-2	User Login	Login using google
FR-3	Personal Details Form	Name, age, gender, BMI etc regarding the patient's medical histiry
FR-4	Periodic progress charts	For analysing the patients progress regularly
FR-5	Visualizing data	Via the personalized dashboard
FR-6	Generating report	Generate as pdf or send to email

Non-Functional Requirements :

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

NFR No.	Non-Functional Requirement	Description
NRF-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
NRF-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. Incase of crash, the system should be able to backup and recover the data
NRF-3	**Reliability**	Provide security and privacy to the extent needed by the user.
NRF-4	**Performance**	Our app responds quickly by making application size small, using CDN & app bundles and produces the output and it takes lesser session length Our app provides real time predictions about the user condition.

NRF-5	**Availability**	The application has to be available 24 x 7 for users without any interruption
NRF-6	**Scalability**	The application can withstand the increase in the no. of users and can scale to any extent