PROPOSED SOLUTION

Date	5 October 2022
Team ID	PNT2022TMID02667
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	2 Marks

S.No	Parameter	Description
1	Problem Statement(Problem to be solved)	Risk because of heart disease is increasing throughout the world.Many approaches were suggested for prediction of heart disease, but none of them were satisfactory in clinical terms.
2	Idea / Solution Description	A web application which is able to predict the presence and state of heart diseases using the patients' readings and also provide an analysis, overview of their health over a period of time.
3	Novelty/Uniqueness	When each patient's readings are provided for prediction and analysis, the model gets trained with the new data, resulting in more accuracy. The patient is able to view their health progress with the help of visualisation tools.
4	Social Impact / Customer Satisfaction	1)Helps to check whether the patient is likely to be diagnosed with any cardiovascular heart diseases based on their medical attributes. 2) Reduce in cost and manual interventions 3) Auto suggestion of methods to take

5	Business Model(Revenue model)	1) Monthly/Yearly Subscriptions 2) Analysis and prediction fee 3) Online sessions with medical staffs
6	Scalability of the solution	1)More the prediction done, more the accuracy 2) Can be used in any platform since it is a web app 3) Can be provided as API, to extend as various forms of applications 4) Scalable three-tier architecture