Project Design Phase-I
Proposed Solution

Date	16 october 2022
Team ID	PNT2022TMID11921
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Heart disease is the main cause of mortality in the developed world. Therefore, efforts must be made to lower the dangers of suffering a heart attack or stroke. A regular guy cannot afford to routinely get testing like ECGs and other such procedures. Consequently, it needs a replacement that is both trustworthy and easy.
2.	Idea / Solution description	The suggested solution is an interactive dashboard for visualising and forecasting cardiac ailments, where the user may see both the analysis of his or her medical report and the anticipated outcome. The dashboard will be made with IBM Cognos. computer learning cardiovascular disease will be predicted using algorithms.
3.	Novelty / Uniqueness	depending on the user's medical analysis, provides recommendations. Whenever necessary, offer preventative actions as well.
4.	Social Impact / Customer Satisfaction	It assists in early illness diagnosis and often notifies the user of their current health state. The system's enhanced heart disease decisionmaking is advantageous to both the user and the physician.
5.	Business Model (Revenue Model)	It can be used by hospitals and NFOs to quickly perform analysis.
6.	Scalability of the Solution	This solution works well with long and small data sets. It can also be modified to predict various other diseases, depending on the dataset