

Project Design Phase-I
Proposed Solution Template

Date	12 October 2022
Team ID	PNT2022TMID40157
Project Name	Visualising and predicting heart disease with an interactive dashboard
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)	The major challenge in heart disease is its detection. There are instruments available which can predict heart disease but either they are expensive or are not efficient to calculate chance of heart disease in human. Early detection of cardiac diseases can decrease the mortality rate and overall complications
2.	Idea / Solution description	In this study, an effective heart disease prediction system (EHDPS) is developed using neural network for predicting the risk level of heart disease. The system uses 15 medical parameters such as age, sex, blood pressure, cholesterol, and obesity for prediction.
3.	Novelty / Uniqueness	The Uniqueness is that most of the Heart disease patients has some other health issues like Hypertension, Diabetics, Obesity etc. The another uniqueness is the ages of the patients mostly lies between 40 – 70 years.
4.	Social Impact / Customer Satisfaction	The Impact that has been spread is that many peoples came to know about their health status because of regular Health camps and door step health check. Peoples those who are low in financial status has got the same kind of health check up equally without any partiality.
5.	Business Model (Revenue Model)	This mode of finding heart disease with Health camps and door step health check are really expensive for public with private organization. But , with government the expensive are low, in other hands that The Government could able to provide such camps and checkups in free of cost.
6.	Scalability of the Solution	The outcome of the solution from the public is Healthy life and steps for healthy life. Because of these steps peoples get aware about not only heart disease but also will be aware of all kind of disease.