Project Design Phase-I

Proposed Solution Template

Date	02/10/2022
Team ID	PNT2022TMID53507
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	4 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 prediction is one of the most complicated tasks in medical field. In the modern era, approximately one person dies per minute due to heart disease. As heart disease prediction is a complex task, there is a need to automate the prediction process to avoid risks associated with it and alert the patient well in advance. By using the data set we predict which patients are the most likely to suffer from a heart disease in the near future.
2.	Idea / Solution description	To accurately predict whether the patient is likely to be suffered from a heart disease or not based on their medical attributes such as gender ,age ,chest pain ,etc.
3.	Novelty / Uniqueness	Using IBM cognos we can able to predict and analyze the patient details without any difficulties, Which produces instant calculation of datasets provided by the user.
4.	Social Impact / Customer Satisfaction	The social impact of this project is that Hospitals can use this information for optimal resource allocation and better functioning.
5.	Business Model (Revenue Model)	Used to predict whether the patient could suffer from a heart disease ,so that the patient can start the necessary treatments.

6.	Scalability of the Solution	Can create a healthcare app and the patients can update their details on daily basis regarding their treatments and it will be shared with their Doctor in real time. Patients can also add remarks regarding side effects from medication, so that the doctor can adjust the medication level and their diet respectively.