Project Design Phase-I

Date	02 October 2022
Team ID	PNT2022TMID13634
Project Name	Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The overall objective of my work will be to predict accurately with few tests and attributes the presence of heart disease. Attributes considered form the primary basis for tests and give accurate results more or less. Many more input attributes can be taken but our goal is to predict with few attributes and faster efficiency the risk of having heart disease.
2.	Idea / Solution description	The goal of our heart disease prediction project is to determine if a patient should be diagnosed with heart disease or not, which is a binary outcome.
3.	Novelty / Uniqueness	This system aims at giving more sophisticated prediction models, risk calculation tools and feature extraction tools for other clinical risks.
4.	Social Impact / Customer Satisfaction	Direct communication with their doctor will help increase patient satisfaction. You can consider exchanging secure messages and building systems that open the lines of communication between you and the patient. This will not only encourage long-term relationships but will also result in better health outcomes.
5.	Business Model (Revenue Model)	Business reporters and producers at local newspaper, television, and radio outlets; Health and business beat reporters from the Associated Press wire service whose news stories are often published in large and small newspapers across the state; and Reporters at local and national business newspapers, magazines, and websites.
6.	Scalability of the Solution	The evolution of technology has enabled to process such large data, and accurately predict interested outcomes. Propose a scalable framework that uses healthcare data to predict heart disease based on certain attributes.