Ideation Phase

Date	15.10.2022
Team ID	PNT2022TMID04327
Project Name	Visualizing and predicting Heart Diseases with interactive Dashboard
Maximum Marks	2 Marks

Problem Statement:

A major issue facing healthcare organisations, such as hospitals and medical facilities, is the provision of high quality services at fair costs. Accurate patient diagnosis and effective therapy administration are required for the delivery of high-quality care.

Heart disease is the main cause of death worldwide for both sexes and for members of the majority of racial and ethnic groupings. The diagnosis and treatment of cardiac patients are now fairly challenging due to a lack of appropriate diagnostic instruments and accurate outcomes. Invasive procedures are used to diagnose cardiac issues based on a patient's medical history, an expert's report on symptom analysis, and physical laboratory results. The objective is to reliably gather data on heart patients so that the hospital may use it to quickly visualise and anticipate patient information. Additionally, delays lead to erroneous diagnosis because of human intervention. Heart disease can be predicted based on a range of symptoms, including age, gender, pulse rate, physical examination, symptoms, signs of the patient, etc.