Project Design Phase-I
Solution Architecture

Date	19 October 2022
Team ID	PNT2022TMID31851
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions as well as growth in medical and agricultural fields. Our goal is to predict heart disease using an interactive dashboard:

• Our proposed solution is to predict the heart disease using high-dimensional training dataset which helps in building the fast machine learning models that can make quick predictions.

• The solution architecture describes the flow of system.

• The dataset is split into training dataset and testing dataset. The Naïve bayes algorithm is applied on the training dataset in medical applications. The data will be classified accordingly.

• The data will be tested and the presence of heart disease will be predicted and given the timely treatment for the patient.

Solution Architecture Diagram: