

**PHASE PROJECT PLANNING PHASE**  
**MILESTONE & ACTIVITY LIST**

Date	22 October 2022
Team ID	PNT2022TMID28916
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	Marks

**Visualizing and Predicting Heart Diseases with an Interactive Dash Board**

**Milestone:**

Cardiovascular diseases are the most common cause of death worldwide over the most recent few decades in both developed and developing nations, as well as in less developed ones. The mortality rate can be decreased through early identification of heart disorders and ongoing clinical monitoring by professionals. Since it takes more intelligence, time, and knowledge, it is not always possible to accurately monitor patients every day, and a doctor cannot consult with a patient for a whole 24 hours. In this project, we have developed and researched models for heart disease prediction through the various heart attributes of patients and detect impending heart disease using machine learning techniques like backward elimination algorithm, logistic regression, and REFCV on the dataset made publicly available in Kaggle Website, further evaluating the results using confusion matrix and cross validation.

Early detection of cardiovascular disorders can help high-risk patients make decisions about lifestyle modifications that will lessen problems, which can be a significant advancement in the area of medicine. Different algorithms, such as Naive Bayes, Decision Trees, and K-Means Clustering, can be used to do this.

## Activity List:

In Project Management Planning is an important task to scheduling the phrase of the project to the Team Member.

In this Activity can shows the various activities are allocated and done by the Team Members

In Project we can Split into the Four Step of Phrases they are:

**Phrase 1:** Information Collection from the users medical history and Requirement Analysis.

**Phrase 2:** Project Planning and Developing the Modules.

**Phrase 3:** Implementing the High Accuracy using Machine Learning Algorithms.

**Phrase 4:** Deploying the Model on IBM Cloud and Testing the Model along with its UI Performance.

### *Agile Methodology for Activity Planning*

