

## Project Planning Phase

### Milestones & Tasks

Date	27 October 2022
Team ID	PNT2022TMID23382
Project Name	Project – Visualizing and predicting heart disease with an interactive dashboard

MILESTONES	TASKS
MILESTONE-1	Collection and aggregation of the patient's data to predict whether the he/she should be diagnosed with heart disease
MILESTONE-2	Load the dataset into IBM Cognos analytics and start exploring the data and make it ready for analysis by removing major errors, duplicates, outliers, and fixing layout issues.
MILESTONE-3	Visualize the data to get the brief summary of the collected patient data in the form of scatter plots, bar graphs and line charts. Creating the interactive dashboard to dig deep into the operational data by looking into various conditions like the chest pain type, resting bp level, cholesterol etc.
MILESTONE-4	The Insight Dashboard here utilizes data visualization to display combination of institutional metrics from a wide variety of heart disease prediction datasets.
MILESTONE-5	Creation of a standardized form of the dataset makes it easier to analyze and process the data. It helps to establish clear, consistently defined attributes. Using Python's libraries like Pandas, we can remove unwanted data points and do diagnostic analysis.
MILESTONE-6	Usage of various algorithms to automate the process and make data-informed predictions in real time and to obtain the desired result with more accuracy using Google collab.
MILESTONE-7	Displaying the output in a presentable form using spreadsheets or a graphical representation based on the requirement. Deployment is done using GitHub since it offers deployment starter workflows.