# DEFINE THE PROBLEM STATEMENT

FOR

Visualizing and Predicting Heart Diseases with an Interactive

TEAM ID: PNT2022TMID14141

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## User Identification:

- ➤ The given patient has any past medical history
- ➤ Whether the patient is having blood pressure or not
- ➤ Identify whether he/she has immediate risk of cardiac arrest
- ➤ Give solutions for the heart disease prevention
- ➤ Advicing about food habits and excersise for heart disease curing

## Goal:

- **Predict** whether a patient should be diagnosed with Heart Disease. This is a **binary** outcome.
  **Positive** (+) = 1, patient diagnosed with Heart Disease
  **Negative** (-) = 0, patient not diagnosed with Heart Disease

- Experiment with various **Classification Models** & see which yields greatest **accuracy**.

- Examine **trends** & **correlations** within our data

- Determine which **features** are **most important** to Positive/Negative Heart Disease diagnosis