# Ideation Phase
# Define the Problem Statements

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID11921 |
| Project Name | Project - Visualizing and Predicting Heart Diseases with an Interactive Dash Board |
| Maximum Marks | 2 Marks |

**Customer Problem Statement:**

With the rapidly rising incidence of heart disease among young people, systems need to be put in place for early detection and prevention of heart disease symptoms. Because it is impractical for ordinary people to undergo expensive tests such as electrocardiograms frequently, there is a need for a practical and reliable system for predicting possible heart disease. To overcome this, we planned to develop a visualising dashboard using machine learning algorithm that collects data from various sources and predicts the heart diseases. The dataset has details such as heart rate per minute, heart function such as blood pressure, etc. The processed data is used to predict the likelihood of heart disease. The purpose of developing the dashboard is to predict the heart diseases by identifying variations in heart rate and blood pressure.

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| **I am** | A Heart Patient |
| **I'm trying to** | Know the heart disease caused me |
| **but** | I take a long time |
| **Because** | I need to take several tests and wait for the results. |
| **Which makes me feel** | Frustrated |