

**Ideation Phase**  
**Define the Problem Statements**

Date	12 October 2022
Team ID	PNT2022TMID49153
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dash Board
Maximum Marks	2 Marks

**Customer Problem Statement Template:**

Heart acts a major role in corporeal organism. The diseases of heart want more perfection and exactness for diagnose and analyses. Heart disease is dangerous disease. This disease occurs due to various problems such as over pressure, blood sugar, high blood pressure, Cholesterol etc. in human body by using Python and machine learning, this paper is analysed and predicted of the heart disease. We can predict this disease by using various attributes in the data set. We have collected a data set consists of 13 elements and 383 individual value to analyse the patient's performance. The main aim of the paper is to get a better accuracy to detect the heart disease using ML algorithm.

<b>I am</b>	“Describe the customer with 3-4 key characteristics”  Who are they?	A Doctor/ Patients with emergency need / All public people who are at the risk of heart diseases.		
<b>I’m trying to</b>	“List their outcome or ‘jobs’ they care about”  What are they trying to achieve?	Minimize the Death rate/ Treat the patients with accurate medication/ Identify patients with high risk of disease/ Take precaution measures before.		
<b>but</b>	“Describe the barriers or problem stand in the way”  What bothers them the most?	The invasive techniques takes much time/ Very Expensive.		
<b>because</b>	“Enter the root cause of why the problem or barriers exist”  What needs to be solved?	Due to human intervention it may cause delay and imprecise diagnosis.		
<b>Which makes me feel</b>	“Describe the emotions in customer’s point of view”  How does it impact them emotionally?	Fear/ Frustrated/ Bothered/ Trepidation/ Fury.		

Problem Statement (PS)	I am	I’m trying to	But	Because	Which makes me feel
PS-1	Doctor	Identify patients with high risk of disease	It takes long time	Imprecise diagnosis	Dissatisfied/ Frustrated
PS-2	Public people	Take precaution measures before	Not budget friendly	Very expensive	Fear/ Trepidation