

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID04852
Project Name	Project - Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation
Maximum Marks	2 Marks

Customer Problem Statement Template:

Create a problem statement to understand your user's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

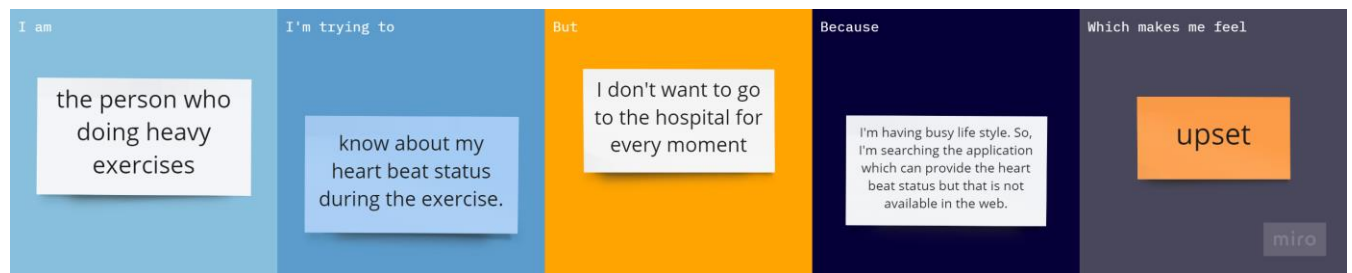
I am	Describe customer with 3-4 key characteristics - <i>who are they?</i>	Describe the customer and their attributes here
I'm trying to	List their outcome or "job" the care about - <i>what are they trying to achieve?</i>	List the thing they are trying to achieve here
but	Describe what problems or barriers stand in the way - <i>what bothers them most?</i>	Describe the problems or barriers that get in the way here
because	Enter the "root cause" of why the problem or barrier exists - <i>what needs to be solved?</i>	Describe the reason the problems or barriers exist
which makes me feel	Describe the emotions from the customer's point of view - <i>how does it impact them emotionally?</i>	Describe the emotions the result from experiencing the problems or barriers

Reference: <https://miro.com/templates/customer-problem-statement/>

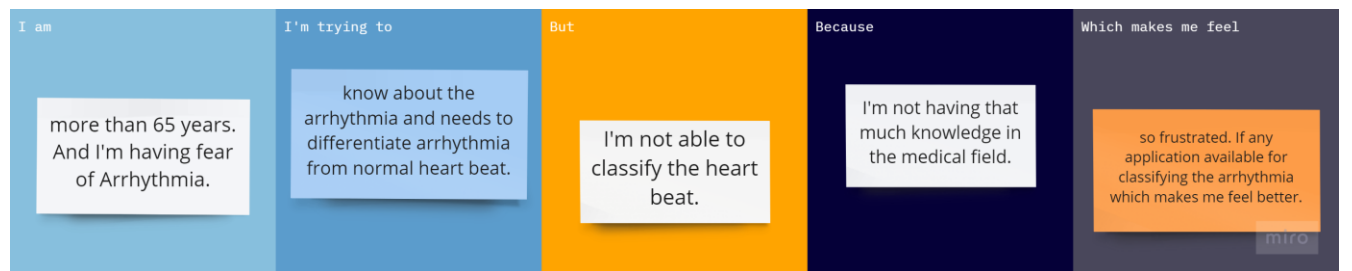
Example:

I am	I'm trying to	But	Because	Which makes me feel
a traveler	book flights on my phone	it takes a long time	The website is not responsive and doesn't have a mobile version	Frustrated

Customer Problem Statement – 1:



Customer Problem Statement – 2:



Reference: https://miro.com/app/board/uXjVPTc2mJA=?share_link_id=33275292107

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	the person who doing heavy exercises.	know about my heart beat status during the exercise.	I don't want to go to the hospital for every moment.	I'm having busy life style. So, I'm searching the application which can provide the heart beat status but that is not available in the web.	upset.
PS-2	more than 65 years. And I'm having fear of Arrhythmia.	know about the arrhythmia and needs to differentiate arrhythmia from normal heart beat.	I'm not able to classify the heartbeat.	I'm not having that much knowledge in the medical field.	so frustrated. If any application available for classifying the arrhythmia which makes me feel better.