

Ideation Phase

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID16374
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Images
Maximum Marks	2 Marks

Customer Problem Statement Template:

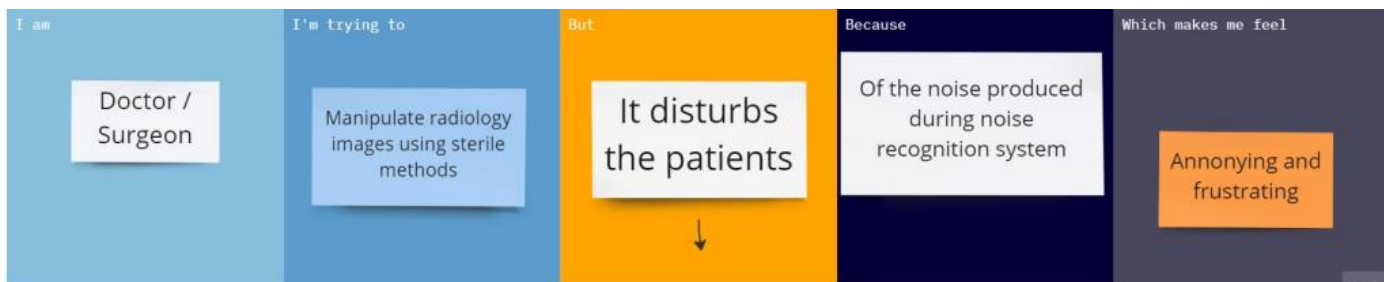
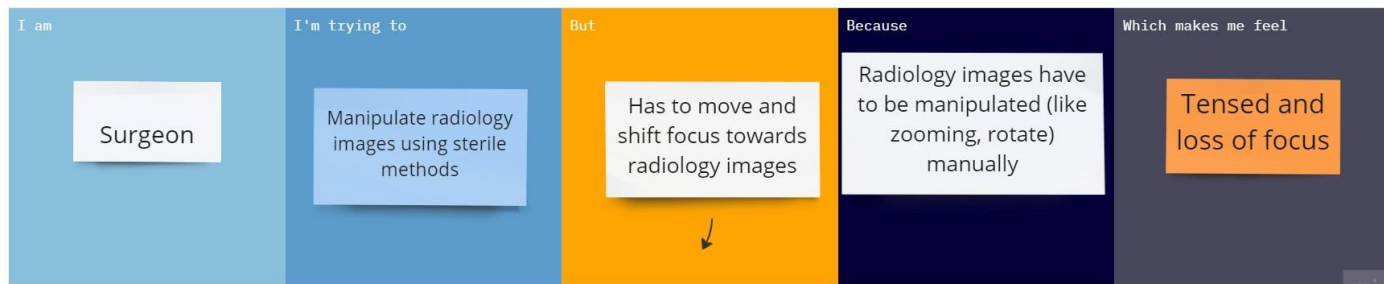
Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

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

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





Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Doctor	Keep my hands remain sterile	Has to use Keyboard/Mouse in order to make analysis	The use of computer keyboard and mouse by doctors and nurses in Intensive Care Unit (ICUs) is a common method of spreading infection	Frustrated and loss of concentration
PS-2	Surgeon	Manipulate radiology images using sterile methods during surgery	Has to move and shift focus towards radiology images	Radiology images have to be manipulated (like zooming, rotate) manually	Tensed and loss of focus
PS-3	Doctor/Surgeon	Manipulate radiology images using sterile methods	It disturbs the patients	Of the noise produced during noise recognition system	Annoying and frustrating