

## Ideation Phase

### Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID15330
Project Name	A GESTURE-BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES
Maximum Marks	2 Marks

#### Customer Problem Statement:

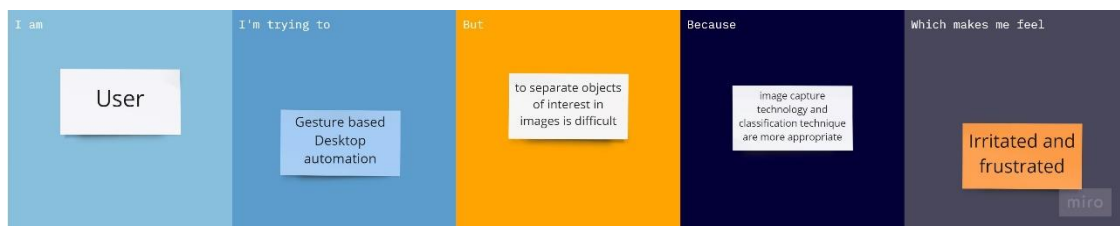
To replicate this skill in computers, some problems need to be solved: how to separate objects of interest in images and which image capture technology and classification technique are more appropriate, among others.

In this project Gesture based Desktop automation, First the model is trained pre trained on the images of different hand gestures, such as a showing number with fingers as 1,2,3,4. This model uses the integrated webcam to capture the video frame. The image of the gesture captured in the video frame is compared with the pre-trained model and the gesture is identified. If the gesture predicts is 1 then images is blurred;2, image is resized;3, image is rotated etc.

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

Reference: [Customer Problem Statement Template, Online Whiteboard for Visual Collaboration \(miro.com\)](https://miro.com)

#### Example:



<b>Problem Statement (PS)</b>	<b>I am (Customer)</b>	<b>I'm trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1	Surgeon	Gesture based automation	To separate objects of interest in images is difficult	Image capture technology and classification technique are more appropriate	Irritated and frustrated