

Ideation Phase
Define the Problem
Statements

Team ID	PNT2022TMID18649
Project Name	A GESTURE BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES
Maximum Marks	2 Marks

Customer Problem Statement Template:

With the development in artificial intelligence has provided a better solution to overcome bacterial infection and make more convenient and faster contact less human computer interaction for doctors and medical experts.

The radiology images of patient can be analysed by contact less interaction with computer using hand gestures. This method of gesturing using hands is possible because of efficient image capturing technology and classified technique.

I am	I'm trying to	But	Because	Which makes me feel
Doctor	Better Utilization of webcam	Long distance images	Webcam cannot detect more than 10cm	Feel difficult to understand long distance images.

I am	I'm trying to	But	Because	Which makes me feel
Doctor	Hand Gesture Accuracy	Intentional and unintentional gesture	Model can't recognize hand key points	Overload of work

I am	I'm trying to	But	Because	Which makes me feel
Doctor	Recognize Hand Gesture	Background overlap with objects	Performance of Recognition Decreases	Which can't get successfull recognition

I am	I'm trying to	But	Because	Which makes me feel
Doctor	Fast Analysis	Identification of Pattern	Static image can't be able to detect action closely	Inconsistent to detect

I am	I'm trying to	But	Because	Which makes me feel
Doctor	Scaling	Quality of Image is Suppressed	Resolution of image is low	Difficult to diagnose