

IDEATION PHASE

Define the Problem Statements

Date	19 September 2022
Team ID	PNT2022TMID54091
Project Name	Project – A GESTURE BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES
Maximum Marks	2 Marks

Customer Problem Statement Template:

Hand gesture recognition was imported for human computer interaction. Hand gesture recognition for radiology images used to detect gesture using webcam and to perform exacting action for the gesture.

The gesture cannot be recognized in long distances. The image resolution is low due to quality of webcam. The hand gesture are restricted to lighting backgrounds and image noise.

The gesture should be recognized as pattern rather than images. The gesture interaction should be faster and more convenient. The gesture movements of some fingers are limited.

The gesture should be detected and classified properly to produce exact action of the gesture given as input. The difference between intentional and unintentional gesture should be identified.