

THE GESTURE-BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES

PROBLEM STATEMENTS:

- In the operation room, during operation the doctors need to access the radiology images in the system. If they use their hands to access the mouse or any other things to zoom or scroll the images there is a possibility to spread infection through these things.
- In corona time, the infection is spread from one person to another person by touching the objects.
- Make the doctor use it easily.
- Suitable to use in any environment.
- The system needs to work fastly.
- Make the doctor operate from the place where they are.
- It needs to reduce the time of doctors.
- It does not mistake the hand movements.
- Suitable to use in the operation room or ICU and compact in size.
- It must contain high accuracy.