A GESTURE BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES

PROBLEM STATEMENT:

A hand based gesture recognition system used for detecting any kind of gestures which when the given input gesture matches with the trained image. Hand Gesture Recognition Using Camera is based on concept of Image processing. In recent year there is lot of research on gesture recognition using kinect sensor on using HD camera but camera and kinect sensors are more costly. This paper is focus on reduce cost and improve robustness of the proposed system using simple web camera.

Who does the problem affect?	People who don't have proper system,camera facility and lightening facility.
What is the issue?	A gestured based tool for Sterile browsing of radiology images is difficult to develop because of the complexity and the cost of implementation. If we don't have proper lightening it's difficult to find the accurate recognition of the gesture.

When does the issue occurs?	When system is not platform independent. These systems are difficult to develop because of the complexity and the cost of implementation. Proper lightening should be ensured for accurate recognition of gesture.
Why is the issue occurring?	The issue occurs when the system is unable to track the hand gesture.
Why is it important to fix the problem?	By solving these issues those peoples who don't have proper system, camera and lightening facility can use this application.