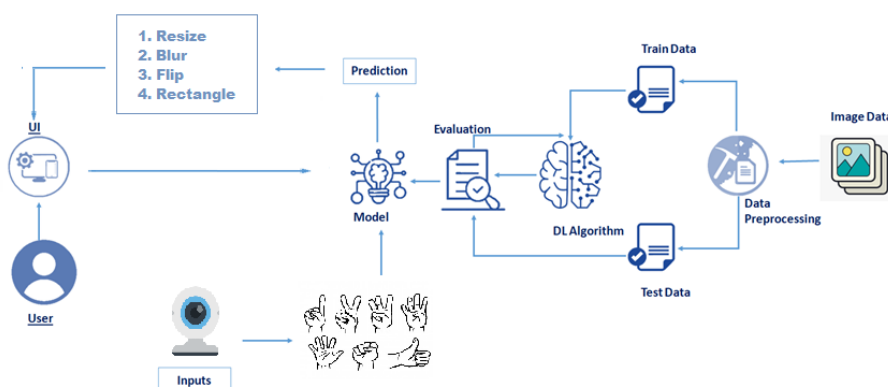# A GESTURE-BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES

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.
- The Combination of Vision and Synaptic interactions that were formed along brain development made the Humans to recognise body and sign language easily.
- Hand Gesture Recognition Using Camera is based on concept of Image processing.
- When the System did not recognise the gesture correctly, which led to longer reaction time of the System.
- The hand gesture recognition can be accurately only if the camera is kept at an appropriate distance from the participants.
- 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

TECHNICAL ARCHITECTURE:

Questions	Description
Should AI be used in Health Care?	AI has doubtless potential to improve healthcare systems. Real-time data can better and more rapidly inform diagnoses. AI is being implemented to reduce administrative errors and save vital resources.
Who does the problem affects?	Consumers, Doctors in control of health and well-being.
What are the challenges faced?	It needs lot of training and practice before execution, and it need continuous human surveillance.