**points**

image/video acquisition/video stream

get the body

body position

find the hand position

get the hand segmentations get hand coordinate using depth

check if hand is open or close

if hand is closed or unknown go back **=>back**

mark this hand coordinate and then stick to it

find elbow angle for position

if angle is between <range1 to range2> move else go back **=>back**

hand motion direction(moving away from body or towards the body) mean direction

depth of hand pixels

to find depth hand find fingertips and then wrist and palm and thumb and all fingertips will give us the depth of hand

accord.net library for nural network

depth of different pixel has different values

move the hand and find its position and find its trajectory

give the range like if the distance is lower than 3m give it yellow color,maximum 4 meter give it green color

so in this way u will fix the range from 3m to 4m for camera range

also consider outlier if the hand move vary back or in other direction,do some thing for outlier

///////z is not moving so elimentite z

consider x,y and xy so xy will give us the best result

BAUM-Welch algorithm : the baum-welch algorithm is used to find the unknown parameters of HMM.

Accord.Statistics.Models.Markov.Topology : forward