Group Number 3

Explaination:

Using a pre trained model, we are currently identifying hand key points, connecting them to form a skeleton and then applying this on series of images to create a video and then smoothen the video to give more sensible and less cluttered output

We are working on storing it not as video but as primary distances which will finally be compared between two outputs and authenticate or deny a person

Ground Truth:

The Identification and location of the hand keypoints and comparison of skeleton of one hand to another and therefore comparing two videos consisting of hand motions

Confusion Matrix:

	Authenticated	Not Authenticated
Real Password same as entered password		
Real Password *is not* same as entered password		

Contribution Table:

Name	Work
Varun Chhangani	Processing single image and applying the model using Deep learning
Avinash Kataria	Extracting primary distances, save them and compare them accordingly
Nischal Talluri	Inputting video file, extracting frames as images and saving the output file
Lushaank Kanchrela	Smoothening and finding lost key points using other frames in a non causal manner by creating a window

Ground Truth Images: