This is a simple face recognition which works on OpenCV, Python which works on facial recognition and sets data by training and locating faces for this you should have PYTHON 3 openCV , numpy and PIL installed at your system. To run all the codes prefer cmd. Other Login folder is a website module kindly open index.html in your browser:

Simple intro code for py program:

import cv2

import numpy as np

face\_cascade = cv2.CascadeClassifier('haarcascade\_frontalface\_default.xml')

cam = cv2.VideoCapture(0)

id=raw\_input("enter user id")

sampleNum =0;

while (True):

ret, img = cam.read()

gray = cv2.cvtColor(img, cv2.COLOR\_BGR2GRAY)

faces = face\_cascade.detectMultiScale(gray, 1.3, 5)

for (x,y,w,h) in faces:

sampleNum = sampleNum+1

cv2.imwrite("dataset/user."+str(id)+"."+str(sampleNum))

cv2.rectangle(img,(x,y),(x+w,y+h),(255,0,0),2)

cv2.imshow('face',img);

if(cv2.waitKey(1)==ord('q')):

break;

cam.release()

cv2.destroyAllWindows()