// ----------------------------------- Remove Future Works ---------------------------------------------- //

Phase 5 : Recognition

With the help of Histogram Oriented Gradient (HOG), we train a new model from all the images of registered users.

The HOG recognises the face by finding the encoding for 128 different features of human face which helps the model to determine face.

The name of the person recognised is shown on the frame with the help of putText() method of OpenCv.

The detected face is logged in a CSV file with the date and timestamp which can be used further by the admin to send the notification or challan emails.















