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Vanished Individual Detector

Shaikh Neha G[1], Ranmale Amruta R[2], Kadam Sneha S[3], Dusane Gayatri U[4], Prof. Prasad A. Lahare[6]
Students, Department of Information Technology[1,2,3,4]
Assistant Professor, Department of Information Technology[5]
Pune Vidyarthi Griha's College of Engineering & S.S.D Institute of Management, Nashik, Maharashtra, India

Abstract: *Every day in today's modern world, old ways are being replaced by new techniques to make complex job procedures easier and more efficient. This paper describes a method that can help cops and the general public find criminals, kidnappers, and missing people. It has a wide range of applications. Face recognition technology that has been developed will be able to recognise people in both photos and videos. This system's goal is to make searching easier by converting it from manual to machine work. When someone goes missing, family members or the police can upload a photo of the missing person to the database, which is then saved. When members of the public stumble across a suspect, they can photograph them and upload it to our website. Our system's face recognition model will use face encodings to try to find a match in the database. It is accomplished by comparing the face encodings of the uploaded image to the face encodings of the photos in the database. If a match is found, the police and anyone related to that person, as well as the location where the person was found, will be notified. Dlib will be utilised to detect and recognise faces in our system.*

Keywords: System, face recognition, face detection, face encodings, uploaded, dlib.

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