Attendance At The Gym Using Face Recognition

ABSTRACT

The Main Objective Of Our Project Is To Aware People Of Precautions Of COVID-19. Using Face Recognition Instead Of Fingerprint Machine In GYM For Recording Attendance Of Staff And Members.

MATERIALS

To Achieve A Working Prototype/Model Of The Project Visual Code Was Using With Python As The Interpreter And OpenCV, Numpy Libraries Were Used.

XML HAAR CASCADE:Face Were Also Used To Train The Classifier.

METHODS

1. Importing Face Haar Cascade from GitHub
2. Using Visual Code to import various libraries-
   1. cv2 for OpenCV library
   2. Numpy for scientific calculations
   3. Sys for Current Date and Time
3. Next step is to capture samples into a folder Dataset Using id
4. Next we Train Faces into .yml file
5. Next we Match faces Against Samples

WORKING