

Attendance Monitoring System using Machine Learning Algorithms

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Abstract: Facial expressions are vital in practically every industry in this digital age. One of the most popular biometrics is face recognition. It can be used for security, authentication, identification, and has many additional benefits. Face recognition systems can also be utilised in schools, colleges, and offices, among other places. This program aims to build a classroom plan that uses the concept of facial recognition as a reality manual presence system. It is expensive and difficult to maintain. And there may be opportunities to become a representative to be present. This program contains four phases- database construction, face detection, facial recognition, review of attendees. After face identification, the Haar-Cascade Section and Local Binary Histogram pattern method sequence is used to detect faces

Keywords: Facial expressions

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