

# “Face Log” (Attendance Management System using Face Recognition)

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**Abstract:** *The purpose of this project is to build attendance management system based on face recognition; Face recognition is an important operation of Image processing owing to its use in numerous fields. Identification of candidate in an organization, college or school for the purpose of attendance is a use of face recognition. The Face recognition system basically consists of two phases such as namely face detection and face recognition. This Attendance Management System can do the daily activities of attendance marking and analysis with reduced human interactions. User does not wait in queue as attendance of multiple people can be recorded at once by simultaneous recognition of faces of multiple people at a time. According to current situation of covid- 19 we proposed this system for precluding infection due to contact and to maintain social distancing. In this project, by using OpenCV library facial recognition-based attendance management system developed the attendance results will be stored in the database.*

**Keywords:** OpenCV, Image processing, Face Detection, Face Recognition

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