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Face Recognition Based Attendance Management System

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Abstract: *The "Face Recognition Based Attendance Management System" project aims to develop an automated attendance system that utilizes the technology of facial recognition to accurately and efficiently mark attendance. The system would capture images of individuals as they enter a designated area and compare them to a pre-existing database of registered individuals. Upon successful identification, the system would mark the individual's attendance and store the information for future reference.*
This project would eliminate the need for manual attendance taking, which can be time-consuming and prone to errors. It would also provide real-time attendance information, making it easier for administrators to track attendance and make data-driven decisions. The system would be developed using machine learning and computer vision techniques and would be capable of handling large amounts of data.
Overall, this project has the potential to revolutionize the way attendance is managed in various settings such as schools, universities, and offices. It offers a highly accurate and efficient solution that can save time, reduce costs, and improve overall productivity.

Keywords: Attendance Management System, Face Recognition, Camera, NumPy, OpenCV

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