ATTENDANCE MONITORING SYSTEM

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PROBLEM STATEMENT

- In today's dynamic work environments, traditional methods of attendance monitoring often fall short in terms of accuracy, efficiency, and adaptability.

- Manual attendance tracking systems are prone to errors, time-consuming, and lack real-time data insights, leading to challenges such as:

- Inaccurate Attendance Records.

- Time-Consuming Processes.

- Limited Flexibility.

ABSTRACT

TimeScape is a cutting-edge attendance monitoring system designed to streamline and enhance attendance tracking in modern organizations. Leveraging state-of-the-art technology, TimeScape offers a comprehensive solution for managing employee attendance, ensuring accuracy, efficiency, and convenience. Moreover, TimeScape offers robust reporting and analytics features, enabling organizations to gain valuable insights into attendance patterns, trends, and compliance metrics. This empowers management to optimize resource allocation, identify areas for improvement, and ensure regulatory adherence.

EXIXTING SYSTEM

- "Implementation of a Biometric Attendance Monitoring System in an Academic Institution"

- Authors: John Doe, Jane Smith, and Michael Johnson

- Reference: Doe, J., Smith, J., & Johnson, M. (Year). Implementation of a Biometric Attendance Monitoring System in an Academic Institution. Journal of Technology in Education, 10(2), 123-136. DOI: 10.xxxxxxx

PROPOSED SYSTEM

- Real-Time Alerts and Notifications: Based on their daily attendance a notification message will be shared to the particular user and the manager that the attendance for the particular user has been marked.

- Percentage Calculation: This helps in calculating the total attendance percentage of the user at the end of the each month and the report will be shared to the user and the manger.

MATERIALS USED

- An Arduino Nano board
- Fingerprint sensor module
- TFT display
- Small breadboard
- Connecting wires
- Power bank.

Thank You..!