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**ABSTRACT**

This project presents the design and implementation of an RFID card attendance system using Arduino. The system utilizes Radio Frequency Identification (RFID) technology to track and record attendance data efficiently. The main components include an Arduino microcontroller, RFID reader module, RFID cards/tags, and a database for storing attendance records.

The system operates by reading unique identifiers from RFID cards/tags when they are presented to the RFID reader. The Arduino processes this data and communicates with a database to record attendance information, including the date, time, and cardholder identity. The recorded data can be accessed and managed through a user interface developed using appropriate software tools.

The project aims to provide a cost-effective and user-friendly solution for attendance tracking in various environments such as schools, offices, and events. It offers advantages such as automation, accuracy, and real-time monitoring of attendance data. Additionally, the system can be expanded and customized to suit specific requirements and integrate with existing infrastructure.

Overall, this project demonstrates the feasibility and effectiveness of using RFID technology in conjunction with Arduino for developing an efficient attendance management system.

### AIM

To build an **RFID CARD ATTENDANCE SYSTEM** Using Arduino