RFID based Attendance System

CSEL-395 Internet of Things
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Apparatus

- ESP8266 (Nodemcu)
- RFID - RC522
- XAMPP server
- MySQL database
- Jumping Wires
- RFID tags

Description

- RFID based attendance system where user scan RFID tag on RFID reader and attendance will be recorded in the database
- Full fledged website is developed and connected with XAMPP server for storing records in the MySQL database
- Nodemcu is connected with a website and a user can scan RFID tags on RFID reader which is controlled by Nodemcu.
- When user card details are fetched to the website for confirmation, information is validated from MySQL database and attendance entries are inserted into the database.
- Time in and out is also recorded of a user along with the attendance.

Source Code

- [GitHub - RFID based Attendance System](#)

Demo

- [Youtube - RFID based Attendance System (2:03 - 4:30)](#)