

RFID Based Attendance and Health Monitoring System

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Abstract: - *The Real time monitoring of Health simultaneously with attendance in the premises of school, colleges, offices, societies etc. has not been done so far and the Covid-19 pandemic has made it compulsory to monitor everyone's body temperature before letting them to enter the building which is done manually by the IR temperature gun. Therefore, to solve this major problem we came up with an idea and by implementing that idea we are designing the system whose primary focus will be to take attendance as well as monitor the body temperature, oxygen level, and pulse rate, as these are the most important factors to determine symptoms of covid. Hence, after achieving our objective we will be able to monitor and record the health along with attendance and by using IoT all the data will be sent to the cloud which will make data available for remote access across the globe.*

Keywords: IoT, Cloud, Covid-19, IR, RFID, NodeMCU ESP 8266, Arduino Mega 2560, etc.

REFERENCES

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