

ABSTRACT

Internet of Things Based building gate access system development

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In large companies that have many employees, of course, each building has a verification management system that can find out who are the employees who enter or not, the access system can be RFID, Fingerprint, and pin. With the Internet of Things (IoT), humans can manage and optimize an object that can be controlled remotely by using the internet. With IoT technology the verification system can be entered into the internet and then the data is processed into absences to find out who the employees are present and absent and can be accessed at any time. by using the prototype method The output of this study is an Internet of Things (IoT) based gate access prototype system using Raspberry Pi 3 to monitor employees and for gate access using RFID.

Keywords : *Monitoring, Internet of Things, Raspberry pi 3, Prototype*

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