Abstract

A traditional attendance system requires a cumbersome and time consuming process requiring unnecessary paper work and higher maintenance efforts. The problem with this approach is that it requires lots of paper which are the part of our non-renewable natural resources. We are in the age, where we have to think about sustainable development. Managing the attendance using mobile phone’s fingerprint scanner will provide an alternative way in this direction.

The project emphasize on the development of a standalone system that can track the attendance of the employee with the help of Wi-Fi Communication and fingerprint scanning between the employee and the management. In this project, we offer a convenient novel attendance checking method to take advantage of Wi-Fi 802.11x technology. Our application initiates AP mode Wi-Fi service for recording attendance of employee using cell phone’s fingerprint scanner and for calculating salary of the employee. This smart application will connect and report to attendance server.
References


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5. ICECA 2017.


Index Terms

Computer Science Security

Keywords

Wi-Fi, biometric system, fingerprint scanner, android phone.