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## A review of student attendance system using near-field communication (NFC) technology (Conference Paper)

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### Abstract

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The rapid growth of system development is no longer subtle and continuously improving today's system. In education sector, the student attendance system is able to be applied by Near-Field Communication (NFC) technology. NFC can be referred to as a device that can detect information and/or command from a tag by bringing them together in a close proximity or even by touching together. Traditionally, the manual attendance system would require a lecturer to pass around an attendance sheet for students to sign beside their names and another method would require the lecturer to call out the students' names one by one and register their attendance. The attendance system based on NFC is meant to improve the manual attendance system and therefore the aim of this paper is to review the existing research on this topic. © Springer International Publishing Switzerland 2015.

### Author keywords

Attendance system   NFC   RFID   Systematic review

### Indexed keywords

Engineering controlled terms:   Radio frequency identification (RFID)   Students

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Close proximity

Education sectors

NFC

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System development

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The near field communication (NFC)

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