Student Attendance System using QR Code

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Abstract: *The student attendance system using a QR code is a digital technology that aims to improve the process of monitoring and recording attendance in educational institutions. This system uses QR codes, which are two-dimensional barcodes, as a means of identification for students. This paper proposes a system that is based on a QR code, which is displayed for students during the lecture. The students will need to scan the code to confirm their attendance. This system offers several advantages over traditional attendance systems. Firstly, it eliminates the need for manual recording of attendance, which can be time-consuming and prone to errors. Secondly, it provides real-time updates on attendance, allowing teachers to take necessary actions in case of any irregularities. The student attendance system using a QR code is an innovative solution to the challenges faced by traditional attendance systems. By using digital technology and automation, this system streamlines the attendance process, making it more efficient and effective.*

Keywords: QR code technology, Education technology Teacher workload reduction, Teacher generated QR code, Student QR code scanner