

Build a student attendance application using QR codes and GPS positioning.

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Abstract: In the modern context, effective student management plays an important role for schools. This topic aims to solve the problem of controlling attendance order through a mobile application based on QR codes and GPS positioning. The objective of the research is to design and deploy an automatic student attendance system, contributing to a more modern learning management process. The method combines both theoretical research and experimentation to test the feasibility of the solution. The expected result is to provide schools with a useful tool to improve efficiency in tracking and managing students.

Keywords: Student attendance, QR code, GPS location, mobile application, learning management