

Application of GPS technology to build an automatic attendance system for students at the University of Information and Communication Technology, Thai Nguyen University.

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Abstract: In the current context, managing and monitoring student participation in educational activities has become more important than ever. This topic focuses on applying GPS technology to build an automatic attendance system for students at the University of Information and Communication Technology, Thai Nguyen University. The main objective of the research is to improve management efficiency and enhance fairness in the process of evaluating student participation. The approach includes theoretical research combined with experimentation to develop and deploy the GPS system. The expected results of this topic not only provide a practical solution for the school but also contribute to promoting the application of technology in the field of education.

Keywords: GPS, self-check-in, student management, University of Information and Communication Technology, Thai Nguyen University