

Real-time classroom usage tracking system

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Abstract: This topic focuses on developing a smart classroom usage tracking system, meeting the need for more efficient management and utilization of learning spaces. By analyzing data on user traffic at different times, the topic aims to improve educational quality while saving operational costs. The research methodology includes both theoretical aspects of signal processing algorithms and practical implementation of the system in several schools. Expected results will contribute to building a smart governance model in educational institutions.

Keywords: Real-time classroom usage tracking system, space management, IoT technology