

# Students Entry Management System

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**Abstract:** *This research paper presents the design, development, and implementation of a Students Entry Management System using barcode technology integrated with student ID cards. The system aims to automate and streamline the process of managing student entries and exits in educational institutions. By leveraging barcode scanning, the system ensures real-time tracking of student movements, enhances campus security, and simplifies attendance management. The proposed system eliminates the need for manual attendance registers, reduces human errors, and provides a seamless experience for students, faculty, and guardians. The system is designed to be scalable, cost-effective, and easily integrable with existing campus management software. This project bridges the gap between traditional manual methods and modern automated solutions, offering a robust framework for efficient student entry management.*

**Keywords:** Barcode Technology, Student ID Cards, Attendance Tracking, Campus Security, Real-Time Monitoring, Java, Web Application, HOD, Guardian