

## Visitor and Contractor Management System in Manufacturing Industry

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### ABSTRACT

*The research paper discusses about "Visitors and Contractors Management System" undertaking by manufacturing industries. The project consists of the study of the current system of the visitors and contractor management at manufacturing industries, the problems it is facing with the use of the current system and the alternative solution for upgrading the current system. The research includes the study of various requirements that has to be fulfilled by the Visitors and contractor management system such as the safety, legal and security requirements and the various methods for the documentation of information regarding the visitors and the contractor's i.e. Manual Documentation and Documentation using automation systems and its advantages and disadvantages; This study of the alternative methods for upgrading the current system using access control systems such as smart cards and biometric devices; the advantages and disadvantages of using the alternative methods and this research explains about the smart cards and the biometric devices with various authentication and its advantages and disadvantages. The comparison between the cost, benefit and the documentation time between the smart cards and the biometric devices and the best among this is proposed. The improvements suggested for the efficient working of the visitors and contractor management system in manufacturing industries.*

**KEYWORDS:** Biometrics, Contractor management systems, Visitor management, Safety measures, Employee management.

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