SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ABSTRACT

Visitor Management System (VMS)

The Visitor Management System (VMS) is a Database Management System (DBMS) micro project designed to streamline the process of managing and tracking visitors within an office or building. The system allows for the registration of visitor details, issuance of visitor passes, monitoring of check-in/check-out times, and generation of security reports, all aimed at enhancing organizational efficiency and security.

Key Objectives:

➢ Visitor Registration: Allow visitors to register their personal details, including the purpose of visit, contact information, and appointment details for easy tracking.

➢ Visitor Pass Issuance: Enable the system to automatically generate visitor passes, complete with time-stamped entry and exit information, for enhanced security.

➢ Check-in/Check-out Tracking: Track the exact time visitors check in and check out, maintaining an up-to-date log of all visitor activity within the building.

➢ Report Generation: Allow administrators to generate reports on visitor activity, such as visit frequency, duration, and times of entry/exit for better security monitoring.

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