

# ABSTRACT

## Online Attendance Management System

The Online Attendance Management System is a web-based application designed to simplify the tracking, management, and reporting of student attendance in real-time. Faculty members can sign up, log in, mark attendance efficiently, view attendance records, and generate reports, while students do not have login access. The system provides detailed reports and visualizes attendance patterns through charts and graphs to help analyze trends. It also enables the management of user accounts, classes, and student records, along with system settings such as notifications. With a user-friendly interface accessible across devices, the system enhances the efficiency of attendance tracking and management for educational institutions.

Key features of the system include real-time attendance tracking, ensuring that data is instantly available for viewing and analysis. Faculty members can efficiently generate reports using visual tools like charts and graphs to monitor patterns and trends. The system supports user management by enabling seamless control over faculty accounts, student data, and class records. With a responsive design, the platform works smoothly on desktops, tablets, and mobile devices, making it accessible anytime and anywhere, thus optimizing attendance management processes.

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