

Student Attendance System with Real Time Alert

Renuka Ramnath Jadhav¹, Nikita Chandrabhan Nagare², Krushnali Mahendra Pekhale³,
Sadhana Bharat Varade⁴, Prof. V. A. Sonawane⁵
Department of Computer Engineering^{1,2,3,4,5}
Matoshri Aasarabai Polytechnic, Eklahare, Nashik, India

Abstract: *The Student Attendance Management System with Real-Time Alerts is a transformative solution that modernizes attendance tracking in educational institutions. Traditional manual attendance methods often lead to errors, inefficiencies, and a lack of accountability. This system addresses these challenges by automating attendance processes and offering real-time alerts to notify teachers and parents of student absences or late arrivals via SMS or email. This feature fosters accountability, ensures timely interventions for at-risk students, and promotes stronger engagement. Its user-friendly dashboard allows teachers to manage attendance effortlessly, while comprehensive reporting and analytics provide valuable insights into attendance patterns for data-driven decision-making. By seamlessly integrating with existing ERP systems, the platform ensures smooth information flow across educational operations, enhancing overall efficiency. This innovative system not only streamlines administrative tasks but also supports educational institutions in improving student engagement, academic performance, and operational effectiveness.*

Keywords: Student Attendance, Real-Time Alerts, Automation, Education Management, Data Analytics.