

# Smart Attendance Management System

Mr. Yash S. Waje<sup>1</sup>, Mr. Rushikesh L. Rao<sup>2</sup>, Mr. Prabuddha N. Bagul<sup>3</sup>,

Mr. Vivek V. Ahire<sup>4</sup>, Prof. V. S. Gavli<sup>5</sup>

Department of Computer Engineering<sup>1,2,3,4,5</sup>

Matoshri Aasarabai Polytechnic, Eklahare, Nashik, India

**Abstract:** *This project is based on SMART STUDENT ATTENDANCE MANAGEMENT SYSTEM. A Student Attendance System is a critical component of educational institutions, designed to streamline the process of tracking and managing student attendance. It is used to automate attendance recording and reporting. It aims to improve efficiency, accuracy, and transparency in monitoring student attendance, making it invaluable tool for educators and administrators. A Student Attendance System contributes to better resource allocation and enhances overall educational experience for students and institutions alike.*

**Keywords:** Attendance tracking, Student management system, Time and attendance, Automated attendance system, Database Management, Cloud-Based Solution, Academic Institutions, Efficiency, Accuracy, Security, Reporting, Integration

## REFERENCES

- [1] Arulogun O, Olatunbosun A, Fakolujo O, Olaniyi O. RFID-based student's attendance management system. Int J Sci Eng Res. 2013;4(2):1–9.
- [2] Kassim M, Mazlan H, Zaini N, Salleh MK. Webbased student attendance system using RFID technology. In IEEE; 2012. p. 213–8.
- [3] Ahmad BI. TouchIn: an NFC supported attendance system in a university environment. Int J Inf Educ Technol. 2014;4(5):448.
- [4] Benyo B, Sodor B, Doktor T, Fördös G. Student attendance monitoring at the university using NFC. In IEEE; 2012. p. 1–5.
- [5] Sunehra, D., & Goud, V. S. (2016, October). Attendance recording and consolidation system using Arduino and Raspberry Pi. In Signal Processing, Communication, Power and Embedded System (SCOPEs), 2016 International Conference on (pp. 1240-1245). IEEE.
- [6] Sayanekar, P., Rajiwate, A., Qazi, L., & Kulkarni, A. (2016). Customized NFC enabled ID card for Attendance and Transaction using Face Recognition. International Research Journal of Engineering and Technology, 3(9), pp. 1366-1368.
- [7] Buddhiwant, A., Bharkshe, M., Bansod, R., & Chandekar, M. (2017). Smart Attendance Application. International Journal of Engineering and Management Research (IJEMR), 7(2), 221-224.