

ABSTRACT

The attendance of participants is a crucial factor for a laboratory to achieve its objectives, as it is closely related to discipline and has an impact on the assessment of each participant. Therefore, a specific data collection system is necessary to accurately and in real-time record the attendance and presence, ensuring the effective management of practical activities. Based on this issue, the Practicum Attendance System based on a website was designed as a medium to simplify the attendance process for students during practical sessions. This system utilizes website technology to conduct attendance.

The results of the initial testing have received a positive response from users. Beta testing is intended to measure the extent to which the system or product being developed can function well and meet user needs. In this test, involving the participation of 40 students. A total of 38 students gave responses related to manual practicum problems with 87.5% of them giving answers that a website-based practicum attendance system can help reduce practicum attendance problems. In addition, beta testing showed that there was a total variant value of 5.064102564, a total variant value of 14.23333333, and an R11 value of 0.715786945. Thus, this system has a high level of reliability, indicating that the measurement of attendance is carried out consistently and reliably.

Keywords: Attendance System, Practicum, Website, QR Code