ABSTRACT

The manual attendance system used at the Tumbal Village Hall Office has caused several issues, including the potential for fraud, slow recap processes, and low efficiency in recording attendance. These conditions hinder administrative operations and reduce data accuracy. To address these problems, this study designed and implemented a web-based attendance system integrated with QR Code technology using the Rapid Application Development (RAD) method. The system was developed through three main stages: requirement planning, workshop design, and implementation. and was tested using black box testing and the System Usability Scale (SUS). The test results indicate that all functional features operated as expected for admin and operator roles. Furthermore, usability evaluation through SUS yielded an average score of 72, which is categorised as good. Therefore, the developed system successfully improves the efficiency and accuracy of attendance tracking and can be effectively implemented in the village administrative environment.

Keywords: *Attendance, QR Code, Web-Based, RAD, Village, Information System*