ABSTRACT

The conventional Al-Qur'an Memorization recording system at SMPIT Salman Alfarisi Boarding School causes problems such as scattered data, irregular recording, and reporting difficulties. A survey shows that 64% of guardians consider the manual system ineffective. This study aims to develop an Android-based Quran Memorization tracking Application using the Rapid Application Development (RAD) method to address these challenges. The system is Designed to enhance the effectiveness of tracking, accelerate data compilation, minimize errors, and facilitate real-time access and monitoring of Memorization progress. The Development process includes identifying user needs form observation, interviews, literature review, system Design UML and interface Design, implementation using Flutter for the mobile app and Laravel for the REST API, and evaluation through Questionnaires and black-box testing. The implementation results show that the Application can improve recording efficiency and simplify data access. All nine functional testing cases yielded "Successful" results (100%), indicating that the Application operates as Designed for guardians, student guardians, and administrators. This Application successfully addresses the challenges of manual systems and has the potential for broader adoption.

Keywords: *Tahfidz, Recording System, Rapid* Aplication *Development, Android Application, Islamic Education*