

ABSTRAK

Saat ini proses monitoring yang terjadi di Pondok Pesantren Riyadlatul Ulum masih dilakukan secara manual dengan mencatat hafalan al-quran santri kedalam buku setoran dan proses penyampaian informasi perkembangan hafalan al-quran hanya disampaikan saat orang tua datang ke pondok pesantren. Tujuan dari penelitian ini adalah merancang bangun sistem informasi monitoring hafalan al-quran berbasis *web*, dengan menggunakan metodologi penelitian *waterfall* dan pendekatan pemrograman *Object Oriented Programming (OOP)*, dengan desain sistem menggunakan *UML*. Dari penelitian ini dihasilkan sebuah sistem informasi monitoring hafalan al-quran berbasis *web* yang dapat memudahkan guru dalam mencatat data hafalan al-quran santri dan dapat memudahkan orang tua dalam melihat perkembangan hafalan al-quran santri.

Kata kunci: monitoring; waterfall; object oriented programming; sistem informasi.

ABSTRACT

Currently, the monitoring process that occurs at the Riyadlatul Ulum Islamic Boarding School is still done manually by recording the memorization of the Al-Quran by students in a deposit book and the process of delivering information on the development of Al-Quran memorization is only delivered when parents come to the Islamic boarding school. The purpose of this study is to design and build a web-based Al-Quran memorization monitoring information system, using the waterfall research methodology and the Object Oriented Programming (OOP) programming approach, with a system design using UML. From this study, a web-based Al-Quran memorization monitoring information system was produced that can make it easier for teachers to record Al-Quran memorization data for students and can make it easier for parents to see the development of Al-Quran memorization by students.

Keywords: monitoring; waterfall; object oriented programming; information systems.