ABSTRACT

DESIGN AND DEVELOPMENT OF A WEB-BASED ISLAMIC BOARDING SCHOOL INFORMATION SYSTEM
(Case Study: Riyadhus Sholihin Islamic Boarding School for Orphans and Underprivileged Qur'an Memorizers)

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Riyadhus Sholihin Islamic Boarding School for Orphans and Underprivileged Qur'an Memorizers currently conducts monthly monitoring and evaluation of students' daily activities through routine evaluation meetings attended by all guardians and the head of the foundation. One of the main discussion topics in these meetings is the students' academic development, including both high-achieving students and those experiencing academic difficulties. This information is recorded descriptively in monthly evaluation forms, which are collected by all guardians and submitted to the head of the foundation. This study aimed to design and develop a web-based Islamic boarding school information system to facilitate the management of student data. The system was developed using the Extreme Programming (XP) development method, which consists of the stages of planning, design, coding, and testing. The implementation of this web-based information system is expected to serve as a centralized medium for storing student information and data to support monthly evaluation meetings, simplify the process of searching student data, and provide a comprehensive student record that can be used as a reference in decision-making. In addition, the system provides access for parents or guardians to monitor their children's development, including academic achievements and disciplinary records.

Keywords: Information System, Web, Extreme Programming