

**THE APPLICATION OF THE RATIONAL UNIFIED PROCESS
METHOD TO THE RUBATH AL MUHIBBIEN ISLAMIC
BOARDING SCHOOL'S MANAGEMENT INFORMATION
SYSTEM**

ABSTRACT

The Rubath Al Muhibbien Islamic Boarding School is an Islamic educational institution which is now managed by books and relies on data that is managed conventionally by the Islamic boarding school. This Islamic boarding school is located at Jalan Lebak Murni and its sub-district is Sako, Palembang City. For the overall management of financial reports in Islamic boarding schools, the recording system also records in a special book. The data recorded in the document is often tucked away and there are also frequent errors in recording. This can hamper the performance of Islamic boarding school managers in reprocessing data processing in managing data collection because the data collection process using bookkeeping is considered slow. This study proposes the design of a Management Information System to be applied to the Rubath Al Muhibbien Islamic Boarding School. The purpose of this research is to create a web-based management information system, namely an information system that can facilitate and speed up work at the Rubath Al Muhibbien Islamic Boarding School. The method used in building this system is RUP (Rational Unified Process). RUP has 4 stages, namely inception, elaboration, construction and transition. And in making this management information system itself, Java and MySQL are used as programming languages and databases. The existence of a management information system at the Rubath Al Muhibbien Islamic Boarding School can facilitate the delivery of information and the management of student data to be more effective and efficient. Based on the results of the questionnaire from 20 respondents, the average value of the user interface accuracy level and system access was 90%.

Keywords: RUP (Rational Unified Process), Management Information System, Rubath Al Muhibbien.