

WEB-BASED LIBRARY INFORMATION SYSTEM DEVELOPMENT

(Case study: Nusantara Batanghari Institute of Islamic Religion)

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ABSTRACT

The IAIN Batanghari library has problems in data management because it provides services, loans, and returns manually, resulting in slow service and inaccurate data collection because the data is stored in books which can cause errors caused by humans or others. commonly known as human error. With these problems, a library information system is needed that can help make services more effective, fast and accurate. The author builds this information system by performing several stages, starting from problem identification, data collection, data analysis, system flow design, system implementation, to system testing. The design of this system uses the PHP programming language with a bootstrap framework and MySQL as the database. So that this information system can help library members to find out the availability of books through the website without having to search one by one or ask the staff, and make it easier for staff to collect data on savings and loans.

Keywords: *Library, Information System, Website, PHP, MySQL*