

DESIGN AND IMPLEMENTATION OF A WEB-BASED LIBRARY MANAGEMENT INFORMATION SYSTEM

(Case Study: Kirana Acitya Library, SMA Negeri 3 Purworejo)

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ABSTRACT

A library is an organization that functions as a place to provide various services from library media, whether in the form of books or newspapers. Libraries have an important role as a learning medium for all parties. However, library services still use manual methods for borrowing and returning books. This is done by recording in a ledger, therefore a system that is still manual will cause the recording to take a long time. Work that is still manual also often causes data errors which cause the preparation of reports to be more complicated. So this research aims to design a library management information system which is expected to solve problems at the Kirana Acitya library. The use of methods in research is in the form of data collection, analyzing needs, data analysis, information system design, system implementation and system testing. The results obtained from system testing are that the system can handle the library management process. In conclusion, the library management information system can handle problems in the library and provide appropriate reports.

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