ABSTRACT

DESIGN AND BUILDING OF A WEBSITE-BASED LIBRARY INFORMATION SYSTEM AT **SMAN 1 PAYUNG SEKAKI**

Author :

Nabilla Tasya Insani

21104011

The development of information technology has had a significant impact on various fields, including education. SMAN 1 Payung Sekaki in West Sumatra still uses the conventional method, namely handwriting, for library management, such as borrowing and returning books, which causes inefficiency and the risk of data loss. This research aims to design and implement a website-based library information system to overcome these problems. This system was designed using the Rapid Application Development (RAD) Method, which includes planning, workshop design and implementation. RAD is a method that is often used to reduce the time required to design and implement a system, thereby making the system design cycle very short and not requiring a lot of time. This system can increase data processing efficiency, reduce the risk of data loss, and make it easier for library staff to manage book data. Implementation of this information system can also improve the quality of library services and make it easier for users to find and borrow books.

Keywords: Information Systems, Library, RAD, Website