ABSTRACT

CONSTRUCTION OF LIBRARY AUTOMATION SYSTEM AT LIBRARY OF MASJID SALMAN ITB BANDUNG

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Library of Masjid Salman ITB is a library that has many kinds of book. In a circulation process of information, Library of Masjid Salman ITB has some problems, such as a big amount of book's classification process and saving library files which has not accurated yet.

To overcome these problems, writer construct Library Automation System at Library of Masjid Salman ITB. Modeling software method used here is structured method. Whereas the method that used to book classification process is Text Mining method. This system used Web based network using Local Area Network (LAN) that will be used by visitor and administrator.

Based on this research, conclusion that can be taken is automation system at Library of Masjid Salman ITB can help user on information circulation process and book's classification accurately. This conclusion is based on Testing of alpha and beta version that was conducted in this research.

It was done for saving all process information neatly in database system. The result of this Automation System will give an effect to library development in Library of Masjid Salman ITB Bandung.

Keyword : Text mining and library automation system