DESIGN AND IMPLEMENTATION OF CENTRALIZED DOCUMENT MANAGEMENT SYSTEM WITH WEB-BASED SERVICE FOR AUTOMATED DATA COLLECTION

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Abstract

Act Freedom of Information (UU KIP) is a regulation made by the government to regulate the course of disclosure of information to the public by the agency ik publ. In fact many public bodies in the law is not applied in the management of documents belonging to these public bodies. Ministry of National Education (Kemdiknas) which is one of several public bodies that exist in Indonesia have yet to implement this law is. So that made a document management system which is a repository of documents that can be accessed by various parties and support on environmental law is Kemdiknas.

Document management system (SMD) which supports the existence of law is constructed so that it has various features that can make management of documents, news, categories of documents, provision of any type of document, as well as organizations that exist in the environment Kemdiknas. In conducting these document management, storage of SMD perform metadata documents and reading text documents which resulted in a weight to each word in the document that supports the search for documents by keywords by calculating the similarity between documents with your existing keywords. The search process is done automatically by the system by searching the database of children Kemdiknas SMD and system automatically. Child's System Kemdiknas here using the case
study sites Directorate General of Higher Education (Higher Education) are created using Content Management Systems (CMS) Joomla. With the SMD, can assist users in conducting public dissemination of information quickly, accurately, and efficiently.

Based on the results of experiments performed, it was found that the SMD supports the openness of public information that has been regulated by law is to make document management, news, organizations within the Kemdiknas, the provision of any type of document, as well as the categories of documents. SMD is able to find documents and collect the documents sought by users of the system databases as well as from other systems quickly, accurately, and efficiently. In conducting the dissemination of documents, SMD also can grant access to documents and links between documents. So it can make it easier for users to search documents.

Keyword: document management sistem, public agencies, automatic data collection, metadata, text documents reader