APPLICATION OF WEB CONTENT MANAGEMENT SYSTEM (WCMS) FOR WEBSITE DEVELOPMENT AND MAINTENANCE TOOLS USING PHP

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Abstract

The development of Web Content Management System or WCMS application primarily intends to realize the need of user to create and maintain their website easily and automatically through online web server. The application provides the environment work allowing both technical and non-technical developers as a web designer or web programmer to collaborate working on website with its tools. The tools created provides functionality to cut the development time and cost instead creating them manually.

The method of development of application is using PHP as a web programming to create the systems and MySQL as the database management system to handle content management system database. The development try to design the concept to separately control database and web content and able to integrate easily based on the theory of CMS Feature Onion as a standard theory for core functionalities.

The result of application development as the aim of thesis is producing a complete Web Content Management. Author manages to create 6 systems as tools of web content development and maintenance. The working systems have been proven by developing one website by using WCMS application and utilize all features that the application offers. That website is called “Anisekai” created by the same author.

The conclusion of making WCMS as a thesis application has proven all concepts that developer design and implements provides capability to function as CMS.

Keywords

Web Content Management System, Content, Web Application, Database, Metadata.
PREFACE

First, I thank to God for finishing and succeeding to develop the thesis project of Web Content Management System. This application is created by spending a long time intended to provide the web content management support for web developer to easily develop the website. Many design concepts made from beginning is only a scratch idea of the basic that the developer needs in developing website. The development of application as the realization of thesis research project is not only involving authors as the creator. It won’t succeed without involvement from other peoples who contributes idea and technical knowledge to shape the design concepts into implementation. It is not a project that can be created alone because it is complex application, yet has benefits later on. These are the peoples who are contributes and involves and help a lot when developing the thesis:

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Daniel Liga

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