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.