Content Management System

Developed by

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A report is submitted to the Department of Computer Sciences,
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Department of Computer Sciences

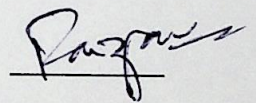Bahria Institute of Management and Computer Sciences, Islamabad
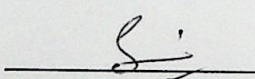Bahria University, Islamabad

Certificate

We accept the work contained in this report as confirming to the required standard for the partial fulfillment of the degree of BCS in the subject of _____
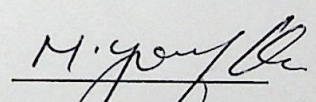

_____
Head of Department

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Supervisor

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Internal Examiner

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External Examiner

Certificate

Dedication

I dedicate this effort to all my dreams, shattered as well as fulfilled, that lead my way to every success I met and brought me knowledge every time I ended up in a disaster! One learns from his mistakes undoubtedly. One who does not... learns it the hard way!

Burhan Habib

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Acknowledgements

My strongest regards are for Allah Almighty, in Whose name I began this seemingly impossible mission, and hereby stand with success almost one step away, I would've failed even before I started if He had not embraced me in His blessings.

Furthermore I owe a very special thanks to my family who performed the highly irritating duty of being my alarm clocks very patiently every time I had to sleep for an hour or two after days of exertion.

I would like to thank my project manager, Mr. Khaqan Mehmood, who showed very strong confidence in me handing over this project to me and helped me out in every thick and thin of this long journey that I started long time back in summer 2002. It takes a big heart to support a student for a project with complete understanding of his educational ties and limitations. He sure remembers that he was once a student himself.

I would also like to thank my supervisor, Mrs. Farzana Khan, who kept her peace with my project's requirements and added another layer of support to my work in the form of guidance and correction, and most of all with her confidence in me.

I just hope I don't let all these people down…

Burhan Habib

Abstract

"The CMS will be designed for ultimate flexibility and intuitive ease of use. The software will be designed to manage any number of different Content Management applications, because none of the html code will be hard-coded, rather it will be generated from a table in the database or a file on the server, that too dynamically. This leads to a great deal of flexibility in the way your site can be set up.

"To have an illustrated look over the functions and operations of a CMS one may want to visit www.crownpeak.com, or www.artologik.com. For an example of a content managed website, one may visit the Fairfield City Council's website, www.fairfieldcity.nsw.gov.au.

"What the end-user (a web server to be precise) sees is simply a beautiful home page. However, what's going on the background is that **every single image and line of text on that page is being stored in a database and constructed to look right on the screen.** What is the mechanism for making the images and text look the way we want them on the screen? It is the **template.** Understanding templates is an important aspect of understanding the CMS.

"The CMS will be utilizing several different templates that will be used to **construct the data elements** of a particular **category** into the **final look** that you want for each section."

Project Report – Content Management System

Article 1.1 – CMS – General Concepts

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