



De La Salle University-Dasmariñas

College of Science

COMPUTER STUDIES DEPARTMENT

Dasmariñas, Cavite

Online Computer-Aided Instruction on Web Development

An Information Technology Capstone Project

Presented to

The Faculty of the Computer Studies Department

College of Science

De La Salle University-Dasmariñas

In Partial Fulfillment of the

Requirements for the Degree of

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

by

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ABSTRACT

The Online Computer Aided Instruction on Web Development is a system developed to teach specific students of a particular professor who will use the system. This system was developed to deliver lessons about the web development, how it is made and how it is practiced. The Online Computer Aided Instruction on Web Development named “HTML5” is available on the internet and can be accessed by students of Phoenix One, the Knowledge Institute.

The Online Computer Aided Instruction on Web Development was developed through a series of information gathering and construction of modules not only for the lesson but also for the construction of the program. ASP.Net C# was the primary language used for the development of the system. It was used by the proponents to create lessons as the leading factor for the construction of the lesson modules to be delivered to the users. MS SQL Server 2008 was used to construct the database that contains records for the site access. “HTML5” was developed for network education. It also features the administrator page that monitors and updates user-related data. The administrator is also used for the update of power points and documents uploaded to be used by the users.



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