WEB-BASED SUPPORTED TEACHING PROTOTYPE:

A CASE OF NAKHON SI THAMMARAT RAJABHAT UNIVERSITY

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ABSTRACT

Educational technology contributes to the effective result on teaching and learning. The information technology, especially the Internet, is creating tremendous opportunities for higher educational institutions. The web-based teaching and learning system, in particular, provides many benefits to students and teachers. This research aims to study and look into an appropriate model of web-based learning and teaching for the local universities. The purpose of this research is also to provide a prototype called "Web-based supported teaching", which demonstrates the implications of the model. This study find that the database driven application with PHP and MySQL are appropriate tools for developing web-based supported teaching system. This study uses Nakhon Si Thammarat Rajabhat University as a case study. Nakhon Si Thammarat Rajabhat University is a local university in Nakhon Si Thammarat, Thailand. The main objective of web-based supported teaching prototype is to establish an effective tool to enhance a traditional classroom approach of the university. This research also evaluates the prototype by employs a personally administered questionnaire approach. There are 60 respondents both lecturers and students of Nakhon Si Thammarat Rajabhat University. The result indicates that all users are satisfied with this prototype. The conclusions will show the advantages and the possibility of the implementation of web-based supported teaching system for Nakhon Si Thammarat Rajabhat University.

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CHAPTER 1

INTRODUCTION

This chapter provides an overview of teaching and web-based learning systems in the higher educational sector. It includes a brief background of this research, the problem statement, objectives, project scope, and the study's significance.

1.1 Background of the study

Various environmental factors, such as social, economic and technological forces, have changed the life style of both individuals and organizations throughout the world, especially in the education sector. Today, there is an increasing demand for technologies in educational institutions to keep pace with the rapid evolution of knowledge in order to maintain their competitiveness in this era of globalization. E-learning applications allow institutions to deliver education activities more effectively (Tortora, Sebillo, Vitiello & D'Ambrosio, 2002). The role of e-learning is highlighted as a major tool in providing an effective learning approach, particularly in higher education institutions.

The role of education institutions, higher education institutions in particular, is stressed as a crucial ingredient in enhancing human capital in the nation. Education plays a dual role, in both reproducing certain aspects of current society and preparing students to transform society for the future. Thus, higher education is highly

The contents of the thesis is for internal user only

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