

**E-LEARNING SYSTEM ON WEBPAGE DESIGN SUBJECT FOR
LUMAMPONG NATIONAL HIGH SCHOOL, INDANG, CAVITE**

THESIS

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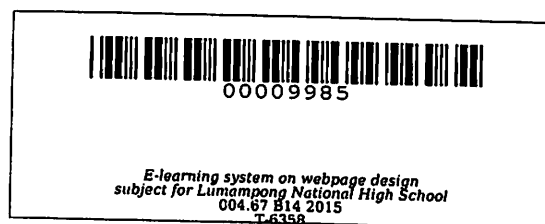
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**E-LEARNING SYSTEM ON WEBPAGE DESIGN SUBJECT
FOR LUMAMPONG NATIONAL HIGH
SCHOOL, INDANG CAVITE**

**Undergraduate Thesis
Submitted to the Faculty of the
College of Engineering and Information Technology
Cavite State University
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**In partial fulfillment
of the requirements for the degree
Bachelor of Science in Information Technology**



**ERICA JEAN M. BAGO
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ABSTRACT

BAGO, ERICA JEAN M. and COSINO, JHOLINA R., E-Learning System on Webpage Design Subject for Lumampong National High School, Indang Cavite. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. April 2015. Adviser: Mr. Simeon E. Daez.

The study was conducted from June 2014 to March 2015 in Lumampong National High School, Indang, Cavite to develop an e-learning system that helps the organization to control their learning experiences, allows for flexibility of study schedules, having a more time-efficient, and lessen the amount of time in terms of doing activity laboratories.

Iterative and incremental development was used in study. It has five (5) phases namely; requirement phase, design phase, implementation phase, review phase, and evaluation of the software. The system was consists of four (4) modules namely; account management module, content management module, communication module and assessment module. The software was evaluated by a total of 60 participants from the Lumampong National High School and in the university, consisting of seven (7) IT experts, 50 students, two (2) ICT teachers, and the principal of Lumampong National High School.

The software was evaluated by the indicators which are the functionality, reliability, usability, efficiency, maintainability and portability. The overall software was judge as excellent and passed the criteria and met all the requirements needed.

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INTRODUCTION

E-learning is the use of multimedia technologies and the internet to improve the quality of learning by facilitating access to resources and services as well as remote exchanges and collaboration. It empowers the learners in every situation like e-learning at schools, universities at work or even at home. Through e-learning motivation, of the learner about a particular topic will become faster and better (Bangloy, 2006). E-learning is the delivery of learning, training on education program by electronic means. It involves the use of a computer on electronic devise like mobile phones in some way provide training, educational or learning materials (Stockey, 2003)

Philippine national policy has, therefore, been formulated to advance the use of Information and Communication Technologies (ICT) in education. In March 2001, the Senate Committee on Education in cooperation with the Department of Education,