

**DEVELOPMENT OF MANAGEMENT INFORMATION
SYSTEM FOR INDANG DAYCARE CENTERS**

THESIS

**PHILIP ANDREW R. ERSANDO
DEN MARK M. RODIS**

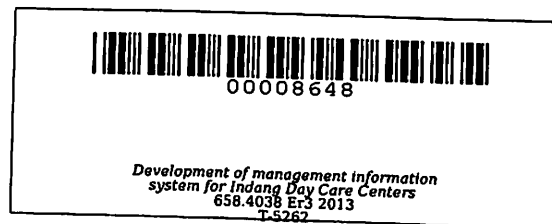
**College of Engineering and Information Technology
CAVITE STATE UNIVERSITY
Indang, Cavite**

March 2013

**DEVELOPMENT OF MANAGEMENT INFORMATION SYSTEM FOR
INDANG DAYCARE CENTERS**

Undergraduate Thesis
Submitted to the Faculty of the
College of Engineering and Information Technology
Cavite State University
Indang, Cavite

In partial fulfillment
of the requirements for the degree
Bachelor of Science in Information Technology



PHILIP ANDREW R. ERSANDO
DEN MARK M. RODIS
March 2013

ABSTRACT

PHILIP ANDREW R. ERSANDO AND DEN MARK M. RODIS. Development of Management Information System for Indang Day Care Centers. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. March 2013. Adviser: Ms. Vanessa G. Coronado.

The study was conducted to develop a MIS that can improve the information storage, enrollment procedure, and generation of reports in the Indang Day Care Centers. The general objective of the study was to develop a management information system for Indang Day Care Centers. Specifically, it aims to: 1. identify the problems within the organization through interview, site visit, and construction of fishbone diagram; 2. analyze the information gathered and plan a solution to the problem using use case diagram; 3. design a system based on the needs of the organization using iterative model; 4. develop a system using a scripting language like HTML, PHP, and MySQL for the database; and, 5. evaluate the system by testing the program and letting the user determine its quality through unit testing, integration testing, and system testing.

The MIS was developed using the methodology called Iterative Project Development that involved the following phases: planning, requirements, analysis, design, program coding, test, and evaluation.

The system was evaluated using the following criteria; functionality, reliability, usability, efficiency, maintainability, portability, and output. The system passed the evaluation and met the expected output. Based on the result, the MIS performed excellently on most of its functions.

The system proved to be helpful in the operations of the organization, as it worked out some of its difficulties. It reduced the time consuming tasks of different users like daycare worker, guardian of children, registrar, and the administration.

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**Philip Andrew R. Ersando
Den Mark M. Rodis**

An undergraduate thesis manuscript submitted to the faculty of the Department of Information Technology, College of Engineering and Information Technology, Cavite State University, Indang, Cavite in partial fulfillment of the requirements for the degree of Bachelor of Science in Information Technology. Contribution No. _____. Prepared under the supervision of Ms. Vanessa G. Coronado.

INTRODUCTION

The growth and development of information and technologies led to their wide diffusion and application, thus increasing their economic and social impact. The fast development of technology made the tasks of every individual lesser and more accurate. It goes without saying that technology has deep impact on every aspect of our lives. It changes the way we live, communicate, interact, and talk.

Laudon and Laudon (2006) reported that the Management Information Systems (MIS) serves the management level of the organization, providing managers with reports and often online access to the organization's current performance and historical records. Typically, the MIS is oriented almost exclusively to internal, not environmental or external, events.

Moreover, Hamlett (2006) stated that MIS refers to the practice of integrating computer systems, hardware, and software used to meet an organization's strategic goals.