

DEVELOPMENT OF MANAGEMENT INFORMATION SYSTEM
FOR DASMARIÑAS NORTH NATIONAL HIGH SCHOOL

THESIS

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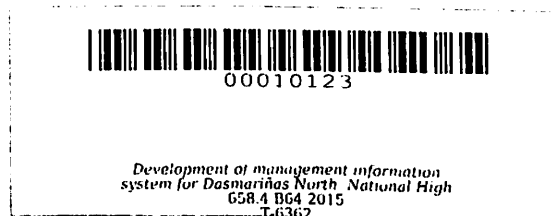
THESIS/SP 658.4 B64 2015

April 2015

**DEVELOPMENT OF MANAGEMENT INFORMATION SYSTEM
FOR DASMARIÑAS NORTH NATIONAL HIGH SCHOOL**

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

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



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April 2015

ABSTRACT

BONUS, MARK-ARJAY R. and ELY, KRIZELLE A. Development of Management Information System for Dasmariñas North National High School. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. April 2015. Adviser: Ms. Vanessa G. Coronado.

The study was conducted from June 2014 to February 2015 at Cavite State University, Indang, Cavite. Generally, the study aimed to develop a management information system for Dasmariñas North National High school that can improve the process of transactions, and the storage of information of the school. It specifically aimed to; identify the existing problems of Dasmariñas North National High School through interview , initial investigation and construction of fishbone diagram, analyze all things required in order to develop the system such as the necessary information about the institution and students, and plan solution to the problem using use case diagram, design a system interface using Adobe Photoshop CS4, develop a system using HTML and PHP(Hypertext Pre-processor) as the scripting language and My Structured Query Language (MySQL)as the database management system, and evaluate the system using unit, integration, and system testing.

The methodology used in the software development was the Iterative Project Development which is composed of the following phases; planning/requirements, analysis, design, development, testing and evaluation.

The system is composed of eight modules namely; account management module, student management module, faculty management module, admission module, grading module, content module, report module, and supply management module. It was subjected to evaluation by 36 faculty members, and four IT experts. The system was

evaluated excellent based on following criteria; functionality, reliability, usability, efficiency, maintainability, and portability.

Based on the result of the study, the system can efficiently improve the Dasmariñas North National High School process of transactions among the employees and students. For further improvement of the study, the proponents recommended to adapt the way of computing grades in K-12, include the generation of good moral report, and include the generation of payroll report.

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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 fulfilment of the requirements for the degree of Bachelor of Science in Information Technology. Contribution No. CEIT-2014-15-052
Prepared under the supervision of Ms. Vanessa G. Coronado.

INTRODUCTION

Management Information System (MIS) refers broadly to a computer-based system that provides managers with tools for organizing, evaluating and efficiently running their departments. In order to provide previous and present information, an MIS can include a software that helps in decision making, data resourcing such as the database, people management and project management application and any computerized processing that enables the transaction of the department to run efficiently (Gopal, 2008). Moreover, it should be flexible enough to deal with the changing information needs of the organization. It should be conceived as an open system continuously interacting with the business environment with a built-in mechanism to provide the desired information as per the new requirements of the management (Jawadekar,2013).