

ONLINE MANAGEMENT INFORMATION SYSTEM FOR
NAIC NATIONAL HIGH SCHOOL

THESIS

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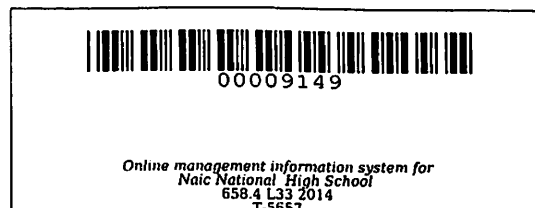
THESIS/SP 658.4 L33 2014

November 2014

**ONLINE MANAGEMENT INFORMATION SYSTEM FOR NAIC
NATIONAL HIGH SCHOOL**

**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**



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November 2014

ABSTRACT

LAS PIÑAS, MELMARIE L. and TIBONG, EUDHEL N. Online Management Information System for Naic National High School. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. November 2014. Adviser: Mr. Marlon R. Pereña.

The study was conducted at Naic National High School from December 2013 to September 2014 in order to provide an integrated solution, through an online management information system that addressed the issues of difficulty in handling the records of the students, lack of data security, slow data retrieval, unorganized management of reports, difficulty in monitoring students' grades and delayed dissemination of information.

The system provided user accounts for the administrator, teachers, guidance counselor/registrar and students. It aimed to automate the process of handling the school records that served as the entry of all student information. It allowed faster retrieval of needed data and generation of necessary reports. Employee profiling as well as uploading of grades were automated as well.

Rational Unified Process (RUP) was the methodology used in the development of the system. It consists of four phases namely; inception, elaboration, construction, and transition.

The system was developed using numerous software tools; PHP as the scripting language, MySQL as the database management system, and Adobe Photoshop and Dreamweaver for the design of the system.

The system was evaluated in terms of its functionality, reliability, usability, efficiency, maintainability, and portability. The respondents were composed of teachers,

and students of Naic National High School. Evaluation results indicated that the system had passed and completed the needed requirements and evaluated as very good with an over-all mean of 4.0979. Based on the results, the proponents recommended the following for further improvement of the study; include functionality to monitor the daily attendance of the students that can also be retrieved for additional details in printing the form 138 and form 137, provide a help module that will serve as user's manual for faster way of learning different system functionalities, and include functionality to generate a graphical representation of statistical reports that the system can provide.

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FORNAIC NATIONAL HIGH SCHOOL**

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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 fulfillment of the requirements for the degree of Bachelor of Science in Information Technology. Contribution No. CEIT-2014-15-007. Prepared under the supervision of Mr. Marlon R. Pereña.

INTRODUCTION

Management Information System (MIS) is a computer-based system that makes information available to users with similar needs. According to Margaret Rouse (2002), the information describes a centrally-coordinated system of computer expertise and management, often including not only mainframe systems but also extension of the corporation's entire network of computer resources. Moreover, in this integrated system of man and machine for providing information, can support the operations and management function in the organization.

And based on the study of Naval and Sapitan (2007) by standing the side of information technology, a well-developed information system infrastructure is basically consist of telecommunication network systems, hardware, software, and database. MIS is used to analyze other information systems applied in operational activities in the group of