

**DEVELOPMENT OF ONLINE MANAGEMENT INFORMATION
SYSTEM FOR TAGAYTAY CITY NATIONAL
HIGH SCHOOL**

THESIS

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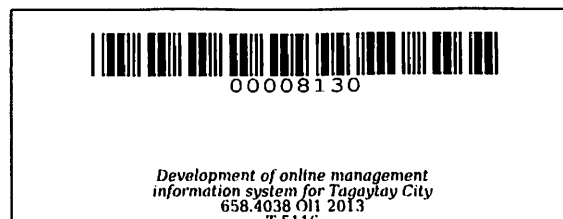
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**DEVELOPMENT OF ONLINE MANAGEMENT INFORMATION SYSTEM
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ABSTRACT

OLAYAO, DIANNARRA V. and VIDALLON, CHINO JEFF N. Development of Online Management Information System for Tagaytay City National High School. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. October 2013. Adviser: Ms. Vanessa G. Coronado.

The system entitled “Online Management Information System for Tagaytay City National High School” was developed to provide the school with an organized storage of information and to solve the flaw in the existing school reports generation. The system consists of seven modules. First is the Account Management Module where the authentication of the users happens. Second is the Student Module which holds the basic information of the students. Third is the Faculty Module which contains the basic information and schedule of the faculty members. Fourth is the Grades Module which takes charge for the management and uploading of the grades of the students. Fifth is the Adviser Module which enables the adviser to monitor the grades of their students. Sixth is the Student Registration Module where registration of the student takes place. Last is the Report Management Module which is accountable for generation of school reports.

The researchers used the iterative development model as their methodology. This methodology is composed of different phases and these are the initial planning, planning, requirements phase, analysis and design phase, coding phase and testing phase.

During the coding phase, the following tools were used to develop the system; Hypertext Preprocessor (PHP) as scripting language, My Structured Query Language (MySQL) for the database, Apache for server, internet for the WAN connection, Adobe

Photoshop for the enhancement of the interface of the system and Notepad++ as an editor for the PHP script.

The system was evaluated based on functionality, reliability, usability, efficiency, maintainability, and portability of the software. The acceptance level of the users was stated in the evaluation of the system. With this, success was established in meeting the requirements and expectations needed by the organization.

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INTRODUCTION

Information system is an integrated set of components for collecting, storing, and processing data and for delivering information, knowledge, and digital products. Business firms and other organizations rely on information systems to carry out and manage their operations, interact with their customers and suppliers, and compete in the marketplace. For instance, corporations use information systems to reach their potential customers with targeted messages over the web, to process financial accounts, and to manage human resources. Governments deploy information systems to provide services cost-effectively to citizens (Zwass & Gregersen, 2011).

Information systems are used in almost every imaginable profession. Sales representative use information systems to advertise products, communicate with customers, and analyze sales trends. Managers used them to make multimillion-dollar