

MANAGEMENT INFORMATION SYSTEM FOR PANUNGYAN
ELEMENTARY SCHOOL MENDEZ, CAVITE

THESIS

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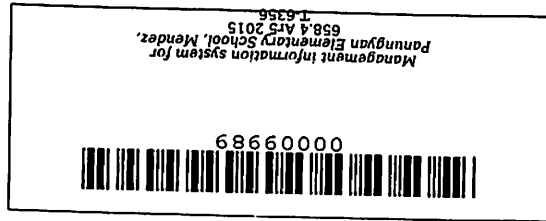
THESIS/SP 658.4 Ar5 2015

April 2015

**MANAGEMENT INFORMATION SYSTEM FOR
PANUNGYAN ELEMENTARY SCHOOL
MENDEZ, CAVITE**

**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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April 2015

ABSTRACT

ARMONIA, MARIANE T. and CUADRA, TED ERJONN S. Management Information System For Panungyan Elementary School - Mendez, Cavite. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. March 2015. Adviser: Mr. Marlon R. Perefia.

The study was conducted to Management Information System for Panungyan Elementary School – Mendez, Cavite of faculty staff that would serve as an additional tool to enhance the quality and management process. Specifically, it aimed to identify the problems of the organization by conducting interviews; analyze the problems of the organization using fishbone diagrams; design the system that will make use of PHP, HTML,SQL and CSS; develop the system that will help the faculty record information of their students and manipulates their data using PHP and My SQL; and evaluate the system through review of test like unit, integration and acceptance testing.

The system provides functionality that allows teacher to manage all the records and information of the students making it secure and easy to retrieve. The system capable of handling accounts of the administrator, teacher, and subject teacher of the organization. Furthermore, the system also provides reports.

The Rational Unified Process was used by the proponents as the development methodology. It consists of four (4) phases: Inception phase, Elaboration phase, Construction phase, and Transition phase.

The system underwent a series of testing and evaluation to ensure its accuracy and efficiency. Ten (10) teachers evaluated the system to verify functionalities. The system was evaluated based on the following criteria: accuracy, information in the program, user

interaction, and technical aspect. In accordance to the results of the software evaluation, large number of participants rated the system as Outstanding which shows that the objectives and requirements of the system were achieved.

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**MANAGEMENT INFORMATION SYSTEM OF
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MENDEZ, CAVITE**

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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 with Contribution No.CEIT -2014-15-039. Prepared under the supervision of Mr. Marlon R. Pereña.

INTRODUCTION

Management Information System is an efficient and methodical approach to collecting, storing and processing raw data that underlines what needs to be done in order to handle an enterprise effectively.

Historically, data had to be manually inputted and consulted, which meant there was more of a risk for human errors and delays in terms of putting together the data into proper reports to facilitate management functions. However, the advancement of Management Information Systems into the organised procedure that it is now has vastly improved the way businesses are run.

The traditional file processing is still commonly used to record such information. It can cause different problems like data redundancy and lack of security and privacy. The use of information for internal and external purposes is also time consuming because finding a record is done manually.