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**INTRANET BASED EXAMINATION (IBE) FOR CAVITE
STATE UNIVERSITY-IMUS CAMPUS**

**An Undergraduate Thesis
Submitted to the Faculty Members of the
College of Business and Entrepreneurship
Cavite State University
Imus, Cavite**

**In partial fulfillment
of the requirements for the degree of
Bachelor of Science in Computer Science**

Cavite State University (Main Library)



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**John Voltaire P. Lipian
Jessica P. Serrona**

March 2009

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ABSTRACT

LIPIAN, JOHN VOLTAIRE LIPIAN, AND SERRONA, JESSICA POTAL. Intranet Based Examination (IBE) for Cavite State University. Undergraduate Thesis. Bachelor of Science in Computer Science. Cavite State University. Imus, Cavite. March 2009. Thesis Adviser: Ms. Geraldine Bandola.

This study aimed to create software that will lessen the manual work of the professor in CvSU-CBE. This study intended to determine if the Intranet Based examination will help the recipients to have accurate, efficient, user-friendly, simplified functions, and reliable software product that can be used by the professors and students.

This study used the Waterfall Model to serve as the guideline in creating this system. The system is designed to have one server and several computers in a designated room. The server type is used by the administrator, in which he/she can create and input the type of examination he/she wants to execute. The other computers are for the student who will take the examination.

Random stratified sampling was used with 126 sample size including students and professors of the whole population of Cavite State University (CvSU)– Imus Campus.

In this research, the general rating of the software is rated with Very Good with the general mean of 4.21. Based on the findings this study concludes that Intranet Based Examination will definitely lessen the manual work of the professors and students.

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INTRANET BASED EXAMINATION (IBE) FOR CAVITE STATE UNIVERSITY – IMUS CAMPUS

**John Voltaire Polo Lipian
Jessica Potal Serrona**

An undergraduate thesis manuscript submitted to the faculty of the College of Business and Entrepreneurship, Imus, Cavite in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science with Contribution no. _____. Prepared under the supervision of Ms. Geraldine Bandola.

INTRODUCTION

Computers are widely used in this generation as a center tool in today's growing society of information. The rapid growth of technology benefited the society in eliminating the manual processes. Technologies now are also used to improve the manual process in teaching. Nowadays, computers are being used by some teachers in elementary and high school much more by the professors in college in presenting their lessons. This made the learning process much easy to use for the professors in preparing their hand-outs.

Taking examination is a part of learning process. It is one important factor to test if a student learned from lesson tackled. Nowadays, cheating is very normal for a student when he/she is taking up an examination and most of the time, it is uncontrollable due to the population of the students. As for the part of the professors, it is hard for them to monitor all the students to make sure if they are not cheating. After the examination, they