STUDENT INFORMATION SYSTEM FOR GEMERAL EINILIO AGUINALDO HATIONAL HIGH SCHOOL, IMUS, CAMITE

THESIS

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ABSTRACT

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The study was conducted from June 2014 to February 2015 at Cavite State University, Indang, Cavite to develop student information system, a web-based application that addresses the issues of slow processing of reports, difficulty in preparing and computing of student grades, and difficulty in handling the inquiries of the student and parents at General Emilio Aguinaldo National High School, Imus, Cavite. The system intended to automate the process of searching, retrieval, keeping and recording of student information. Furthermore, it provides accounts for the guidance counselor and teachers to add, view and update transactions, and for the principal and students to view information.

Iterative development model was used as the guide in developing the study. It has five phases: planning, requirements, analysis and design, implementation and testing, and evaluation. The system was developed with the use of the following tools: Adobe Photoshop CS6 for the design of the system, PHP as the scripting language and MySQL as the data storage of the system.

The system was evaluated based on the following criteria: functionality, reliability, usability, efficiency, maintainability and portability. Evaluators were composed of the following: guidance counselor, teachers and students of General Emilio Aguinaldo National High School, Imus, Cavite. The system passed all the given criteria in the evaluation and met all the requirements of the software.

Student information system for General Emilio Aguinaldo National High School, Imus, Cavite was able to be developed to enhance and automate the manual process in managing school records and speed up all the transaction in the institution and its level of acceptability is "excellent". For further improvement of the system, the proponents recommended to: include the automatic computation of student grades such as quizzes, major exams, recitation, project and attendance every grading period to lessen the task of computing grades through Microsoft Excel; add the transaction for registration and admission; and allows the subject teacher to upload the grades of the students instead of the adviser.

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INTRODUCTION

Student Information System (SIS) is a web-based application for students, faculty, academic staff and parents who want to get and retrieve student's whole information instantly via internet. The major benefit of this web portal is to store the student's information at one place, like server, and it can be accessed via online interaction. The SIS web portal replaces the old and traditional file or paper work storing process. Instead of tedious paper work, students will be able to submit required information electronically, and the departments will be able to evaluate the submissions with a much quicker turn around (Evangelista, 2008).

A student portal is an online gateway where the students can log in to a school website to access important program information. Using an online portal instead of printing information in paper booklets, saves school's printing and paper costs, and benefit the environment by using fewer resources. It also makes it easier for people to