DEVELOPMENT OF AUTOMATED STUDENT RECORD SYSTEM

Research Study

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DEVELOPMENT OF AUTOMATED STUDENT RECORDS SYSTEM

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ABSTRACT

PANGANIBAN, RON KRISTIAN C., BETONIO, VERA VALERIE R., SICAD, EUNICE ISABELA N. Development of Automated Student Records System. A Research Study (General Science Curriculum), Science High School, College of Education, Cavite State University, Indang, Cavite. April 2014. Adviser: Ms. Gladys G. Perey.

This study entitled "Development of Automated Student Records System" was conducted at Cavite State University – Don Severino Delas Alas Campus in Bancod, Indang, Cavite. The study was conducted to develop an automated student record system. Specifically, this study aimed to: (1) determine the consistency of the developed student record system software produced results; (2) determine the accuracy of the developed student record system software produced results; (3) determine the correctness of the results of the developed student record system software; (4) determine the reliability of the results of the developed student record system software; (5) determine the level of user interaction of the developed student record system software; (6) determine the technical aspect of the developed student record system software; (7) determine the in formativeness the developed student record system software. Overall, the software was outstanding in terms of accuracy, consistency, correctness, reliability, information in the program, user interaction, and technical aspect as evaluated by the respondents.

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DEVELOPMENT OF AUTOMATED STUDENT RECORD SYSTEM

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INTRODUCTION

Management of student records requires a lot of time and effort. A mass number of students takes a lot volume of information to store; hence, processing manually produces inaccurate and often late outputs. Student records in handwritten form were usually stored in files. It is inconvenient to search a specific student record among those other records stored. Given the opportunity, development of automated student record system, a software application for education establishment to manage student data, is a part solution. Thus, the system is programmed to reduce time and effort consumption in producing outputs. The student records produced are to be saved in computer files.

Manual calculation and undertaking processes in producing student records requires a lot of time. Data produced in this procedure are often unreliable; due to common errors like mix-ups of data of some students, errors in calculating grades, and incorrect write-ups to name a few, during the development process. Meanwhile, with the