DEVELOPMENT OF RECORD MANAGEMENT SYSTEM OF SEBASTIEN MONTESSORI

Undergraduate Thesis
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ABSTRACT

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The study was conducted on January 2017 to April 2018 in Cavite State University-Main Campus, Indang, Cavite. This system would help Sebastien Montessori especially to the principal, to lessen the time in keeping the records of the students. In addition, it could also help the teacher to manage their time in keeping and printing the grades of their students. The system can also print the information of students that is only limited for the principal.

The researchers used the Iterative Method as the paradigm used for developing the study. The computer hardware used in the development of the mobile application has the following software specifications: 500GB hard disk drive, 2GB DDR3 memory, Intel ® Celeron ® processor 1019Y (1.0GHz, 2MB L.3 cache), and runs on 64-bit Windows 8 Operating System. The researchers used the following software in the development of the system: Adobe Photoshop CS6 for the design and image enhancement. PHP (Hypertext Prepocessor) was used as the programming language and Microsoft Word 2010 for the documentation.

The developed system was evaluated using two different questionnaires which were adapted from the International Organization for Standardization (ISO) 9126: technical and non-technical questionnaires. Twenty (20) respondents answered the non-technical questionnaires including the 10 Information Technology (IT) experts to measure the rating of system to its functionality (4.5), reliability (4.5), usability (4.6), user-friendliness (4.7), efficiency (4.5), maintainability (4.9) and portability (4.7).

TABLE OF CONTENTS