

**STUDENTS RECORD MANAGEMENT SYSTEM FOR FLORENTINO
JOYA ELEMENTARY SCHOOL - BIGA TANZA, CAVITE**

THESIS

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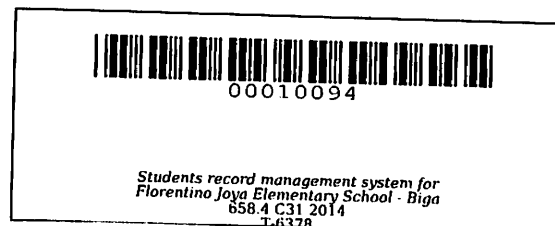
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ELEMENTARY SCHOOL – BIGA TANZA, CAVITE**

Undergraduate Thesis
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ABSTRACT

CAYABYAB, ARRA LAIZA T. and PANDAC, LILIBETH R. Students Record Management System for Florentino Joya Elementary School – Biga, Tanza Cavite. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. November 2014. Adviser: Ms. Charlotte B. Carandang.

The study entitled, “Students Record Management System for Florentino Joya Elementary School – Biga, Tanza, Cavite” was conducted to make the student’s data more accurate, accessible and convenient for the staff. It is years to improve the traditional way of record management of students without the need of eliminating the traditional method. The system has two levels of access namely: admin and teacher. The system reduced the risk of losing files and provided record management of information of the student. Furthermore it reduces the work of teacher and record the information of student easily. Finally, it generated print out reports that a school may need.

The Prototyping Model was used as guide for the development of the software. It has six process workflows: gathering requirements, quick design, build prototype, evaluate, refined prototype and product.

The software was developed through the use of different development tools such as: Adobe Photoshop CS5 for editing images, for the design of the graphical user interface; RedKoda 3.0 for the diagram design; Crystal Report for the printed report; Visual Studio 2010 – Visual Basic .Net as the system front-end and MySQL as the system back-end tool.

The designed system was evaluated by all teachers of Florentino Joya Elementary School and eight Information Technology Specialists. The evaluators tested the designed

system before they were asked to answer the provided evaluation sheets. The set of questionnaires used was anchored on ISO 9126 which was the international standard for the evaluation of software quality.

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INTRODUCTION

As we progress in the information age, numerous organizations are undergoing massive transformation efforts to cope up with the demand of business environments. It takes a lot of time to convert manual transactions into a computer-based transaction, but the implementation of computer-based system will eliminate and lessen the tremendous amount of workload. To effectively respond to the rapid changes, organization turned to information technology to improve their services and remain competitiveness (Ranganathan&Kannabiran, 2004).

The impact of Information and Communication Technology (ICT) play an important role in education sector (Ferreras-Mendez, Fernandez-Mesa, & Alegre, 2012). It can be seen as indispensable tools used to support the design, planning and monitoring