

DEVELOPMENT OF WEB-BASED GRADING
SYSTEM FOR CAVITE STATE UNIVERSITY -
CHILD DEVELOPMENT CENTER IN
INDANG, CAVITE

THESIS

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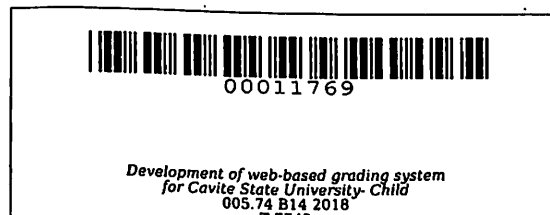
College of Engineering and Information Technology
CAVITE STATE UNIVERSITY
Indang, Cavite

June 2018

**DEVELOPMENT OF WEB-BASED GRADING SYSTEM FOR CAVITE STATE
UNIVERSITY – CHILD DEVELOPMENT CENTER IN INDANG, CAVITE**

Undergraduate Thesis
Submitted to the Faculty of the
College of Engineering and Information Technology
Cavite State University
Indang, Cavite

In partial fulfilment
of the requirements for the degree
Bachelor of Science in Information Technology



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June 2018

ABSTRACT

BAGAY, JOLEE ANN R. and STO. DOMINGO, PRECIOUS JOY D. Development of Web-Based Grading System for Cavite State University - Child Development Center in Indang, Cavite. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. May 2018. Adviser: Ms. Vanessa G. Coronado.

This paper presents a web-based grading system for Cavite State University – Child Development Center (CvSU-CDC) that was developed to collect, process, and post the grades produced by teachers online using the internet and server. It discusses the design requirements, features, and implementation of the web-based grading system, as well as evaluation from parents, teachers, and IT professionals. It is shown that this system has a number of advantages over manual grading method. The ability for parents to view grades online, the ability for teachers to update and modify the grades of the students and the ability for administrators to easily generate report card, and Form 137. Although the web-based grading system is a clear improvement over paper-based grading sheets, it also showed that small details can interfere with usability thus, user satisfaction and that compatibility with browsers is a necessary, but still unaddressed, requirement. The proposed system can be accessed via online. With the system features presented in the earlier chapters of this documentation, the researchers concluded that implementing this project was necessary. This means that using the system can help the CvSU-CDC to provide convenience and proved significance to the beneficiaries of the system. Furthermore, the researchers concluded that the implementation of the web-based grading system to the school helps them to gain a competitive advantage and can be able to go with the trend of evolving technology.

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An undergraduate thesis manuscript submitted to the faculty of the Department of Information Technology, College of Engineering and Information Technology, Cavite State University, Indang, Cavite in partial fulfillment of the requirements for the degree Bachelor of Science in Information Technology with Contribution No. CEIT 2017-18-2-152
Prepared under the supervision of Ms. Vanessa G. Coronado.

INTRODUCTION

An information system (IS) is an organized system for the collection, organization, storage, and communication of information. More specifically, it is the study of complementary networks that people and organizations use to collect, filter, process, create, and distribute data (Zwass, 2016). Furthermore, Casalino (2008) claims that in more restricted senses, IS refers to the software that runs a computerized database. An emphasis is placed on an information system having a definitive boundary, users, processors, storage, inputs, outputs, and the aforementioned communication networks.

Information technology is increasingly important for educational advancement and academics. In a sense, information systems have become the backbone of modern education. It allows schools to store valuable student information and helps administration to manage the school and the district as a whole. If the use of IS benefits one division of education, then it will benefit the entire educational system. When an IS