

DEVELOPMENT OF AN ONLINE SUBMISSION AND TRACKING
SYSTEM OF THE ETHICS REVIEW BOARD APPLICATIONS
FOR CAVITE STATE UNIVERSITY

THESIS

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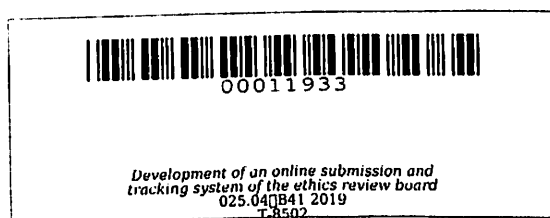
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DEVELOPMENT OF AN ONLINE SUBMISSION AND TRACKING SYSTEM OF THE ETHICS REVIEW BOARD APPLICATIONS FOR CAVITE STATE UNIVERSITY

**Undergraduate Thesis
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ABSTRACT

BELORIA, ARLOU A. and LEVARDO, JOSHUA RAMESES D. Development of an Online Submission and Tracking System of the Ethics Review Board Applications for Cavite State University. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. April 2019. Adviser: Mr. Mark Philip M. Sy.

The study was conducted from August 2018 to April 2019 at Cavite State University, Indang Cavite to develop an Online Submission and Tracking System for the Ethics Review Board Applications for Cavite State University. Specifically, it aimed to: design an account module that can help the researchers be more informed about the process of ERB applications; create a file management module that can help the ERB office for managing of application files be more organized and efficient; construct an application tracking module that can compensate for the tracking of ERB applications. This can also help the researchers for the inquiries about the status of the researches; build a report module that can help the ERB office for the dissemination of application results be more efficient and organized by providing individual report results and logging every ERB application; test the system using unit and acceptance testing method; and evaluate the system using unit, integration and system testing.

The system provided four modules, account module, file management module, application tracking module, and report module. Account module handles users access in the information system, File management module handles the central storehouse of the data where only authorized user can access the files of the ERB forms. Application tracking module is responsible for tracking of ERB applications.

The researchers used the Iterative Development Methodology to develop the system which is composed of seven (7) phases namely: planning; requirement and analysis design; implementation; software testing; unit testing; evaluation and deployment phase.

Furthermore, with the help of Dreamweaver, PHP, XAMPP, and MySQL the system was developed. The system was evaluated by 100 respondents. It was composed of Ethic Review Board, Ten (10) Faculty Members, and 90 selected students of Cavite State University-Main. The system passed all the criteria in the evaluators and met all the requirements and objectives.

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INTRODUCTION

According to Vladimir (2011), Information System is a kind of integrated set of components for collecting, storing, and processing data for providing information, knowledge, and digital products. Business firms and other organizations rely on information systems to carry out and manage their operations, interact with their operations, interact with their customers and suppliers, and compete in the marketplace.

Ethics Review Board (ERB) is composed of individuals with diverse backgrounds, whose responsibility is to ensure that the rights and welfare of the research participants are promoted and their safety protected, while encouraging the conduct of ethically sound research.