

**WEBBASED MONITORING SYSTEM FOR THE EXTENSION  
ACTIVITIES OF COLLEGE OF ENGINEERING  
AND INFORMATION TECHNOLOGY  
CAVITE STATE UNIVERSITY**

**THESIS**

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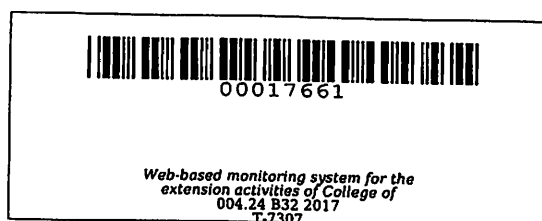
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**WEB-BASED MONITORING SYSTEM FOR THE EXTENSION ACTIVITIES OF  
COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY  
CAVITE STATE UNIVERSITY**

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## **ABSTRACT**

**BAWIC, RALLYE D. and DUNGO, DIANE MARIE. Web-Based Monitoring System for the Extension Activities of the College of Engineering and Information Technology – Cavite State University. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. December 2017. Adviser: Ms. Charlotte B. Carandang**

The identified extension programs/activities are based on the needs, problems and resources of the target clients. Similar to other colleges, the College of Engineering and Information Technology (CEIT) has its own college extension coordinator and identified extension coordinators for each department to help in the management of their respective extension activities. The activity is a continuous cycle that starts with planning, implementation, and until monitoring. To make the conduct of extension activities sustainable and adopted, the college should have effective monitoring scheme. However, for the past years, monitoring of the implemented extension activities became a problem. The college does not have an effective strategy to monitor the status of extension activities of each department. This situation led the proponents to develop a web-based application that will help the college to monitor their extension activities.

The study was conducted to create a web-based monitoring system for the extension activities of the College of Engineering and Information Technology – Cavite State University. The study has a four modules: Account Module, Report Module, Form Module, and Monitoring Module.

The proponents used iterative as the methodology in the development of the software. It helped the proponents to develop the mobile application in a short time and easiest manner. The system was evaluated by the college extension coordinators of the

College of Engineering and Information Technology – Cavite State University, and Information Technology experts based on the following: functionality, reliability, usability, efficiency, maintainability, portability, and user-friendliness of the system. The system passed all the given criteria in the evaluation, and met all the features and requirements to attain its objectives.

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**INTRODUCTION**

Cavite State University is mandated to perform three primary functions: instruction, research, and extension. These trio-logic functions are considered with equal importance. The Extension Service Office is responsible in managing the extension activities of the University. Community services through extension activities serve as bridge between university researchers and community knowledge users.

The identified extension programs/activities are based on the needs, problems, and resources of the target clients. Similar to other colleges, the College of Engineering and Information Technology (CEIT) has its own college extension coordinator, and identified extension coordinators for each department to help in the management of their respective extension activities. The activity is a continuous cycle that started with planning, implementation, until monitoring. To make the conduct of extension activities