MANAGEMENT INFORMATION SYSTEM FOR STUDENT COUNCIL IN THE COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY OF CAVITE STATE UNIVERSITY MAIN CAMPUS

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ABSTRACT

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The study was conducted from July 2016 to March 2017 at CvSU-CEIT, Cavite and Cavite State University, Indang, Cavite to develop a Management Information System (MIS) for CEIT Student Council. Specifically, it aimed to: 1 identify the problems encountered and analyze the requirements needed to solve the identified problem through fishbone diagram; 2. create an account module to create an account for the users to access the system; 3. student profile module that can easily manage the record of the student information; 4. develop a management information system using VB.NET and PHP for the coding, and MySQL for the database; and 5. evaluate the functionality of the system through unit and acceptance testing for further adjustments. Moreover, the system was built to provide efficient information and should be enable fast processing of data with accuracy of result generated.

The researchers used the iterative methodology in the development of the system which includes 7 phases: planning phase, requirements phase, analysis and design phase, implementation phase, testing phase, development phase, and evaluation phase. The system has 3 level of access: administrator, student council officers, and student council president. Furthermore, the system has the capability of generating financial reports. The system consisted of 4 modules: account module, student profile module, financial management module, and report module. The system was evaluated by the participants based on the following criteria: functionality, reliability, usability, efficiency,

maintainability, and portability. Evaluators were composed of 8 student council officers from CEIT Student Council and 11 IT experts from DIT in CvSU Indang, Cavite. The system passed all the criteria and met all the requirements and the objectives.

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