



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

E-LIBRARY FOR CCIT THESES AND CAPSTONE PROJECTS

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In Partial Fulfillment of the Requirements for the Degree
Bachelor of Science in Information Technology

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CERTIFICATION

This thesis entitled "**E-LIBRARY FOR CCIT THESES AND CAPSTONE PROJECTS**", prepared and submitted by **Ephraem L. Gregorio Jr., Jorge M. Santos, Kent A. Mateo** in partial fulfillment of the requirements for the degree of **Bachelor of Science in Information Technology**, has been examined and recommended for Oral Examination.


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ABSTRACT

The purpose of the study is to create a system that is able to help the future researchers of PRMSU-CCIT in their respective fields.

The study used quantitative method and ISO/SEC 25010:2015 Software Quality Metrics to evaluate the system. The study found out that not only CCIT Faculty and CCIT Students can use the system, but even the other schools who seek studies related to computer field. Also, the respondents assessed the E-Library for CCIT Theses and Capstone Projects in terms of functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability, and portability as excellent. Moreover, the respondents assessed the E-Library for CCIT Theses and Capstone Project in the Level of Acceptability is Highly Acceptable. Furthermore, the researchers found out that there was significant difference on the evaluation of the faculty and students on the software quality of E- Library for CCIT Theses and Capstone Projects in terms of functionality suitability and usability wherein the significant value is greater than the t- Critical value. Thus, the null hypothesis is rejected. However, there is no significant difference on the evaluation of the faculty and students on the software quality of E- Library for CCIT Theses and Capstone Projects in terms of performance efficiency, compatibility, reliability, security, maintainability and portability wherein the significant value is less than the t- Critical value. Thus, the null hypothesis is accepted. Moreover, there was no significant difference on the level of



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acceptability on the assessment of the Faculty and Students of E- Library for CCIT Theses and Capstone Projects in terms of functionality and performance wherein the significant value is less than the t- Critical Value. Thus, the null hypothesis is accepted.

The researchers recommended that evaluation in terms of functional suitability and usability can be conducted to further enhance the system.

The E-Library for CCIT Theses and Capstone Projects should be implemented in the college to have an electronic application for theses and capstone projects.

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