



**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**

**ELECTRONIC QUALIFYING EXAM FOR PRMSU COURSES  
WITH BOARD EXAMINATION**

A Thesis  
Presented to the Faculty of the  
College of Communication and Information Technology  
President Ramon Magsaysay State University  
Iba, Zambales

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



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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

**CERTIFICATION**


This thesis entitled "**Electronic Qualifying Exam for PRMSU Courses with Board Examination**", prepared and submitted by **John Paule T. Adamos, Reshell A. Castillo and Michelle G. Muyano** in partial fulfillment of the requirements for the degree of **Bachelor of Science in Information Technology**, has been examined and recommended for Oral Examination.

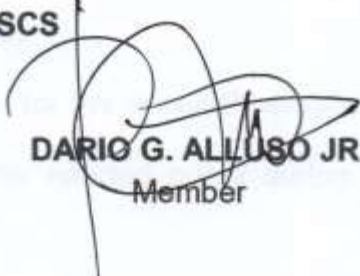
  
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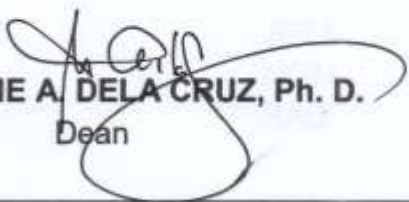
  
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### ABSTRACT

The Electronic Qualifying Exam for PRMSU Courses with Board Examination aims to provide an advantage of generating examinations together with its results within a single minute after finishing the exam. The purpose of this qualifying examination is to verify the adequacy of the student's ability and to determine a student's depth and breadth of knowledge on the chosen field of courses. Therefore, this study attempts to propose and develop a system that will be applied to those departments that has a board examination in PRMSU.

The Electronic Qualifying Exam for PRMSU Courses with Board Examination aimed to determine the perception of the students and deans that will provide an efficient and effective electronic examination on every college. This system is easier than the written exam because it is automated unlike the traditional pen and paper test. It will be an electronic examination with server-client system, as the students may take seriously.

The respondents of Electronic Qualifying Exam for PRMSU Courses with Board Examination utilized descriptive research design with questionnaire and unstructured interviews in gathering data from two-hundred sixty-five students and deans. Upon the validation of questionnaires, the researchers sought permission from the target respondents. The gathered data was computed and interpreted with the use of statistical tools.

The evaluation of the Electronic Qualifying Exam for PRMSU Courses with Board Examination was Very Good in terms of software quality based on the





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perception of the students, and Excellent based on the perception of the deans.

On the other term the Electronic Qualifying Exam for PRMSU Courses with Board Examination was evaluated Highly Acceptable in terms of level of acceptability based on the perception of the students, and Highly Acceptable based on the perception of the deans.

There was a significant difference on the software quality evaluation of the Deans and students of the Electronic Qualifying Exam for PRMSU Course with Board Examination in PRMSU Iba, Zambales in terms of portability. Meanwhile, there is no significant difference on the level of acceptability assessment of the Deans and Students on Electronic Qualifying Exam for PRMSU Course with Board Examination in PRMSU Iba, Zambales.

The Electronic Qualifying Exam for PRMSU Courses with Board Examination may be implemented in PRMSU Colleges that has Board Examination.

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