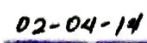


## Design and Development

## A Thesis



*Republic of the Philippines*  
**Ramon Magsaysay Technological University**  
**COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY**  
**Iba, Zambales**



In partial of the requirement for the Degree  
**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**COMPUTER-BASED NBC 461 FACULTY EVALUATION SYSTEM FOR RMTU: DESIGN AND DEVELOPMENT**

has been prepared and submitted by **JUDITH B. BALUYOT, BRENNAN B. CERVANTES, and OLYN A. DEVERA**, who are hereby recommended for oral examination.

  
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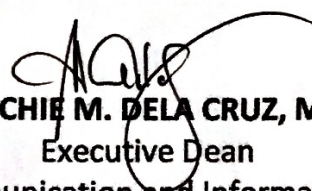
  
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## **ABSTRACT**

The study aims to develop faculty evaluation software for Ramon Magsaysay Technological University to provide effective program that will generate assessment and reports of the routine evaluations of the institution. The beneficiaries of the system are the Human Resource Office and the faculty.

In this study the researcher will utilized descriptive design in the evaluation of the existing faculty performance evaluation system and the proposed evaluation software. The respondents of the study will be consisting of three (3) groups. The first group would be the assigned HR personnel in the evaluation of faculty performance. The main data gathering instrument of the study will be a survey questionnaire. The questionnaire will have three sets. One set each for the personnel and teacher respectively. Frequency and percentage distribution, weighted mean, Likert scales are the statistical treatments employed by the researchers to analyze and interpret the data.

A typical students are between the ages of 35- 44 and males. The respondents' perception on the level of efficiency of the proposed Computer- Based NBC 461 Faculty Evaluation System are as follows: As to Security, the computed mean is 3.63 and perceived by the respondents to be Very satisfactory/ Very Good. As to Reliability, the computed mean is 3.73 and perceived by the respondents to be Very satisfactory/ Very Good. As to Functionality, the computed mean is 3.87 and perceived by the respondents to be Very satisfactory/ Very Good. As to Operability/ Usability, the computed mean is 3.80 and perceived by the respondents to be Very satisfactory/



Very Good. As to Performance, the computed mean is 3.97 and perceived by the respondents to be Very satisfactory/ Very Good. As to Portability, the computed mean is 3.80 and perceived by the respondents to be Very satisfactory/ Very Good. As to Traceability, the computed mean is 3.67 and perceived by the respondents to be Very satisfactory/ Very Good. The overall weighted mean of the proposed Computer- Based NBC 461 Faculty Evaluation System is 3.79 and perceived by the respondents to be Very satisfactory/ Very Good. The respondents' perception on the degree of acquisition and implementation of the proposed is must be recommended.

The Computer- Based NBC 461 Faculty Evaluation System should be recommended to implement in the Ramon Magsaysay Technological University to improve the present system used. Proper trainings and seminars must be provided to all the beneficiaries of the Computer- Based NBC 461 Faculty Evaluation System to familiarize in using the system during the entire operation. Maintenance is necessary upon the implementation of the Computer- Based NBC 461 Faculty Evaluation System to protect it from malwares, bugs and to ensure the security of the data. The researchers also recommend to study further the Computer- Based NBC 461 Faculty Evaluation System to widen the capabilities and features.