COMPUTERIZED ENROLLMENT SYSTEM FOR NORTHERN ZAMBALES COLLEGE, INC. MASINLOC, ZAMBALES

A Thesis
Presented to
The Faculty of the College of Communication and Information Technology
Ramon Magsaysay Technological University
Masinloc, Zambales

In Partial Fulfilment
Of the Requirement for the Degree
Bachelor of Science in Information Technology

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College of Communication and Information Technology
Ramon Magsaysay Technological University
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COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

A research study presented to the faculty of the College of Communication in Information Technology in partial fulfilment of the requirement for the degree Bachelor of Science in Information Technology:

COMPUTERIZED ENROLLMENT SYSTEM FOR NORTHERN ZAMBALES COLLEGE, INC

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ABSTRACT

The study was conducted to determine the level of system quality of IT respondents and level of acceptability of the clienteles about the proposed Computerized Enrollment System (CES) for the Northern Zambales College, Inc. – Masinloc, Zambales which the researchers developed. Two rating systems were used: (1) For IT respondents, using the ISO 25010 : 2011 software quality characteristics which include functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability and portability; and (2) for clienteles respondents', the level of acceptability which include content, accuracy, ease of use, timeliness and security. There were ten (10) IT and sixty (60) the clienteles respondents' who evaluated and rated the proposed system.

Using the software quality characteristics of ISO 25010: 2011, the IT respondents evaluated and rated the proposed Computerized Enrollment System at 4.60 which is interpreted as "EXCELLENT". They rated "EXCELLENT" its functional suitability (4.63), performance efficiency (4.46), compatibility (4.76), usability (4.60), reliability (4.62), security (4.56), maintainability (4.56), and portability (4.63).

This is good indication that the proposed Computerized Enrollment System can be integrated in the Northern Zambales College, Inc. – Masinloc, Zambales. It will offer faster data connection, well –structured and secured databases, easy to use and for faster enrollment transactions.

Using the level of acceptability, the clienteles' respondents evaluated the proposed Computerized Enrollment System with an overall mean of 4.05 and rated "ACCEPTED". They rated the five indicators of the level of acceptability as follows: content (4.35), accuracy (3.95), ease of use (3.60), timeliness (4.20), and security (4.17).

It appears that the computerization of enrollment system is already long overdue and should immediately be implemented. The Computerized Enrollment System will provide efficient and more effective in the enrollment transactions.

The integration of the Computerized Enrollment System in Northern Zambales College, Inc. -Masinloc Zambales, will realize a savings amounting of Php 67,500 or 28.12 percent as compared to hiring two additional staff using the manual transaction process with a salary of Php 10,000.00 per month. Other monetary benefits are not yet included, thus mean additional savings.

The researchers highly recommend the following: (1) based on the evaluation of the IT respondents, the proposed Computerized Enrollment System can be integrated in Northern Zambales College, Inc. – Masinloc, Zambales. (2) The Northern Zambales College, Inc. – Masinloc, Zambales should allocate enough resources for the integration of Computerized Enrollment System. The Computerized Enrollment System will offer faster data connection, well –structured and secured databases, easy to use and for faster enrollment transactions. (3) Based on the evaluation of the clienteles on the proposed Computerized Enrollment System, it appears that the computerization of the enrollment system is already long overdue and should immediately be implemented for the benefits of both the school administrator and students.