APPLICABILITY OF THE DEVELOPED COMPUTERIZED ENROLLMENT SYSTEM FOR SELECTED PRIVATE BASIC EDUCATION SCHOOLS IN TANZA, CAVITE

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ABSTRACT

Title: APPLICABILITY OF THE DEVELOPED COMPUTERIZED ENROLLMENT SYSTEM FOR SELECTED PRIVATE BASIC EDUCATION SCHOOLS IN TANZA, CAVITE

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The computerized enrollment system for selected private basic education schools in Tanza, Cavite was developed in response to the problems encountered in the existing enrollment system. The researcher went through a detailed and thorough investigation initially by observing the existing enrollment system. In addition, numerous interviews were conducted not only with the potential users but also with other schools' registrars and accounting clerks to collect different enrollment practices and to come up with current applicable computerized enrollment system that are suitable for the users.

Specifically this study sought answers to the following questions:

1. What is the profile of the respondents in terms of:
    a. school affiliations
    b. position in the school
    c. years of service in the school

2. How applicable is the developed enrolment system for five (5) selected private basic education schools in Tanza as perceived by the respondents in terms of :

    a. inquiry and reservation system

    b. admission system

    c. payment system

    d. report-generation system

3. How do the perceptions of the respondents differ as regards the applicability of the developed enrollment system when grouped according to their profile?
4. What recommendations or suggestions were given by the respondents to improved the developed computerized enrollment system?

The instrument used for collecting data was a set of questionnaire. Questionnaire's was lifted from some thesis and from other System Analysis and Design books. The sample of the study consisted of fifty (50) respondents from the five (5) selected private basic education schools in Tanza.

After the data was gathered from the respondents, the SPSS program was employed to analyze the data. The descriptive statistics which includes the frequency, percentage, arithmetic mean, standard deviation, one way ANOVA, LSD follow-up test and Scheffe test were used respectively to test the hypotheses and the follow-up test for this study.

The following conclusions were drawn by the researcher based on the findings gathered:

1. Based on the assessment of the respondents, the system was highly applicable. Therefore, the developed computerized enrollment system was functional and can be of great help during enrollment.
2. The developed computerized enrollment system was highly applicable to concerned offices which are the Registrar and the Accounting offices.
3. The profiles of the respondents were grouped according to their school affiliation, positions in school and numbers of years of service in the school. They assessed the applicability of the developed computerized enrollment system using the four modules of enrollment system namely: the inquiry and reservation system, the admission system, the payment system and the report-generation system. They are perceived to be "highly applicable."
4. There was no significant differences on the perceptions of the respondents when they are grouped according to positions in the school and according to number of years of service in the school.
5. Since there was a significant difference on the perceptions of the respondents when they are grouped according to school affiliations the null hypothesis was rejected. The developed computerized enrollment system was highly applicable in four of the five schools and applicable in one of the five schools. Therefore, the developed computerized enrollment system can be used for better and improved enrollment transactions.

6. Based on the recommendations and suggestions of the respondents for the developed computerized enrollment system, the researcher add exit button to some dialog box that do not have exit icon, resized the icons appropriately on the screen size, and modify the font sizes and font colors accordingly to the theme of the school.

Based on the findings and conclusions of this study, the researcher presents the following recommendations:

1. The school administrators should consider integrating the four subsystems of enrollment namely: inquiry and reservation system, admission system, payment system and report-generation system.
2. The school administrators should consider adapting the developed computerized enrollment system for their planning, forecasting and decision-making.
3. The administration personnel, as forefront in school offices, would be able to reduce their paper works such as preparation of summary of enrollment activity.
4. The developed computerized enrollment system was highly applicable. The respondents can use it in processing the enrollment of their current and prospective students.
5. The developed system can be used as an improvement/replacement of the existing semi-automated enrollment system to speed-up the processing of students enrollment.

6. The future researchers can consider this study as a basis in developing computerized enrollment systems.

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TABLE OF CONTENTS

Title Page i

Approval Sheet ii

Acknowledgement iii

Abstract iv

Table of Contents ix

List of Tables xi

List of Figures xii

Chapter

1 **The Problem and Its Background**

Introduction 1
Background of the Study 2
Conceptual Framework 4
Statement of the Problem 6
Hypothesis of the Study 7
Significance of the Study 7
Scope and Delimitation 8
Definition of Terms 8

2 **Review of Related Literature**

Local Literature 10
Foreign Literature 12
Local Studies 14
Foreign Studies 16
Relevance to the Present Study 18

3 **Methodology**

Research Methodology 20
Respondents of the Study 22
Research Instruments and Techniques 23
Statistical Treatment of data 23
Decision Criteria 26

4 Presentation, Analysis and Interpretation of Data

Profiles of the Respondents 26
Applicability of the Developed Computerized Enrollment System 28
Difference in the Perceptions of the Respondents 32
Recommendations and Suggestions as Perceived by the Respondents 36

5 Summary of Findings, Conclusions and Recommendations

Summary of Findings.....39
Conclusions.....42
Recommendations.....43

Bibliography

Appendices

Appendix A: Questionnaire

Appendix B: Scheffe Test

Appendix C: Letter of Request to Conduct Study

Appendix D: Letter of Request to Distribute Questionnaire

Appendix E: School Forms

Appendix F: Context Diagram

Appendix G: Entity-Relationship Diagram

Appendix H: Screen Designs

Appendix I: Curriculum Vitae

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List of Tables

Table Number		Page
1	Frequency Distribution of the Respondents According to School Affiliation	26
2	Frequency Distribution of the Respondents According to Position in the School	27
3	Frequency Distribution of the Respondents According to Number of Years of Services in the School	27
4	Perceptions of the Respondents on the Applicability of the Developed Computerized Enrollment System in terms of Inquiry and Reservation System	28
5	Perceptions of the Respondents on the Applicability of the Developed Computerized Enrollment System in terms of Admission System	29
6	Perceptions of the Respondents on the Applicability of the Developed Computerized Enrollment System in terms of Payment System	30
7	Perceptions of the Respondents on the Applicability of the Developed Computerized Enrollment System in terms of Report-Generation System	31
8	Over-all Perceptions of the Respondents on the Applicability of the Developed Computerized Enrollment System	32
9	Perceptions of the Respondents on the Applicability of the Developed Computerized Enrollment System when grouped According to Position in the School	33
10	Perceptions of the Respondents on the Applicability of the Developed Computerized Enrollment System when grouped According to Years of Service in the School	34
11	Perceptions of the Respondents on the Applicability of the Developed Computerized Enrollment System when grouped According to School Affiliation	35
12	Recommendation and Suggestions of the Respondents	37

List of Figures

Figure Page

1 Research Paradigm.....5

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