

COMPUTER BASED ENROLLMENT SYSTEM FOR MARY HELP OF CHRISTIAN MONTESSORI (CBES – MHCM)

A Special Problem
Presented to
The Computer Studies Department
College of Science
De La Salle University- Dasmariñas

In Partial Fulfillment

Of the Requirements for the Degree of

Bachelor of Science in Computer Science

Rv

Diaz, Beatrice Issa, B. Mercado, Jerome, O. Morelos, Ricamor, R. Sales, Rhea Marie, S.

March 2001



Abstract

Computer- Based Enrollment System for Mary Help of Christian Montessori is an enrollment system, which resided in a computer environment. It handles processes such as enrollment process, report generation, handling and maintenance of students' records, providing an easy retrieval of information and records of students. This system makes possible for the institution to organize the way of keeping and handling records of each students as it deals too with the different functions of the Registrar's Office particularly the student information and processes before and upon enrollment. The system has a database which contains personal information about the student, schedules of students, and the financial details regarding the mode of payment the student prefers. The attributes of the system is incorporated and addressed to the enrollment system of the school. The discrepancies and inefficiencies of the current manual enrollment system of Mary Help of Christian Montessori gave the authors an idea to initiate a proposal for the automation of the existing system. Moreover, the institution has the need to cope up not just only for the enrollment system trends but also for the benefits of the present and future needs of the school. To justify the conversion more, in lieu for its computer-based from a manual system, the author included the query and report generation facilities as the features elevates the system to the level of data processing. To justify further, the system has two major development areas: the development of software and modification of enrollment systems that provide data management, processing and also the prevention of redundant processes.



Table Of Contents

Title Page
Approval Sheet
Acknowledgement
Abstract

1.0 Introduction	
1.1 Background of the Study	1-1
1.2 Statement of the Research problem	1-2
1.3 Statement of Objectives	1
1.3.1 General Objectives	1-3
1.3.2 Specific Objectives	1-3
1.4 Significance of the Study	1-3
1.5 Scope and Limitations of the Study	1-4
1.6 Methodology of the Study	1-4
2.0 Review of Related Literature	14
2.1 Conceptual Literature	2-1
2.2 Research Literature	2-1
3.0 Theoretical Framework	21
3.1 Statement of Assumptions	3-1
3.2 Operational Definitions	U -1
3.2.1 Definition of Terms	3-1
3.2.2 Definition of Processes	3-2
3.2.3 Theories used in the Study	3-3
4.0 The Existing System	0.0
4.1 Description of the System	4-1
4.2 Definition of the Data Capture	4-1
A 2 Innuito	4-3
4.4 Process 4.5 Files	4-4
4.5 Files	4-6
4.6 Outputs	4-6
4.7 Data Flow Diagram	4-7
4.8 Problem Areas	4-10
5.0 The Proposed System	7- 10
5.1 System Overview	5-1
5.2 System Objectives	5- 2
5.3 Scope	5-2 5-2
5.4 System Justification	5-3
6.0 Design	J- 3
6.1 Inputs	6-1
6.2 Processes	6-2
6.3 Files	6-4
6.4 Outputs	6-5
7.0 Implementation	0-5
7.0 Implementation 7.1 Resource Requirements	
7.1 Resource Requirements 7.1.1 Software Requirements	7-1
(Outware Nequilieries	<i>1</i> → 1

	ia.	7.69.0	igware Regu				721
			man Resource		imm i n	<i>*</i>	7.4
	- 20	-	· 2 (*	esvedine	ICH NO		
	/.Z Insta	lation Plan				<i>₹</i>	7.0
	ur jagu ej	海で 名 シャラン語	stem Instalia				7-2
			aining Plans	4 4 4			7-3
			nversion Pla	ns .			7-4
		7.2.4 Te	sting				7-5
8.0 Cos	t Benefit Ana	dysis_	ente o o				
	8.1 Cest			ికి ఈ కే. కి.మీ.		يعور خ	
		8.1.1 Re	quirement Re	Source	-1		8-1
,	الزيدانية الزيدانية	8.1.2 Or	peration Cost	BUDE E			8-2
	8.2 Ben	efits		, Je			
* 17 *****	State Sage Section	8.2.1 Int	angible Bene	fits			8-3
		8,2.2 Ta	ngible Benefi	ts		,	8-4
7*	8.3 Pavb	ack Analys	4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			and the second	8 5
		ability Inde					8.4f 8.35 8≥5
		n on Inves					-8-6
9 0 Con	clusions and	7 A	7.77				9-1
and the second second	ppendices					<u> </u>	
	Appendo	cA -		26			A-1
*1. s. #1.	Appendo		erreta de la latificación		1 50	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	B-1
	Appendi		in.				~ C±1
	Appendi						D-1
	Appendi						E-1
	. Appendi						F-4
		k G (Propo	sed FRO)		/ & /		G-1
	A Appendi						H-1
	A Appendi				S /		1.1
List of F							
	Profotyp	ing.	7.0	DSSILIS			1-7
List of 1					· · ·	* * *	
List of	Installation	Plon			A Section		75.2
	Training P	9	•		+97		7.3
Cample	Output	real l	- 105		والمني المعتبي		
Screen			√ *	* ve #)		, pa	
100							رون المواجعة المقارضة المواد المواد
Bibliogr		mental T				* ,	
-Glossar	y 				and a second		