Development of Online Enrollment System For Cavite West Point College

An Undergraduate Research Proposal 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 Information Technology

Evangelista, Jan Michael Padua, Patricia – Simone Sobere, Renaleen

March/2009

Table of Contents

1.0	INTRODUCTION			
	1.1	Background of Study	1	
	1.2	Statement of the Research Problem	5	
	1.3	Statement of Objectives	7	
		1.3.1 General Objectives	7	
		1.3.2 Specific Objectives	7	
	1.4	Significance of the Study	8	
	1.5	Scope and Limitations of the Study	9	
	1.6	Methodology of the Study	11	
2.0	REV	REVIEW OF RELATED LITERATURE		
3.0	THEORETICAL FRAMEWORK			
	3.1 S	tatement of Assumptions	25	
	3.2 D	26		
	3.2.1	Definition of Processes	27	
	3.3 Theories used in the Study			
4.0	THE EXISTING SYSTEM			
	4.1 Description of the System			
	4.2 Definition of Data Capture			
	4.3 In	nputs	42	
	4 4 P	rocesses	43	

	4.5 Fi	iles	45		
	4.6 Outputs				
	4.7 D	4.7 Data Flow Diagram (see appendices)			
	4.8 P	4.8 Problem Areas			
5.0	THE PROPOSED SYSTEM				
	5.1 System Overview				
	5.2 S	54			
	5.3 Scope				
	5.4 System Justification				
6.0	DESIGN				
	6.1	Inputs	57		
	6.2	Processes	57		
	6.3				
	6.4	Outputs	61		
7.0	IMPLEMENTATION				
	7.1	Resource Requirements	63		
		7.1.1 Software Requirements	63		
		7.1.2 Hardware Requirements	63		
		7.1.3 Human Resource Requirements	64		
	7.2	Installation Plans	65		
		7.2.1 System Installation	65		

	7.2.2	Training Plans	66			
	7.2.3	Conversion Plans	67			
	7.2.4	Testing	67			
8.0	CONCLUSIO	ONS AND RECOMMENDATIONS				
	8.1 Conclusio	n	70			
	8.2 Recomme	endation	71			
List	of Appendices					
	Appendix A:	Data Flow Diagram of the Existing System				
	Appendix B: Data Flow Diagram of the Proposed System					
	Appendix C: Entity Relationship Diagram					
	Appendix D:	Normalization				
	Appendix E:	Screenshots				
	Appendix F:	Forms				
REFI	ERENCES					

ABSTRACT

The Online Enrolment System for Cavite West Point College was proposed in replacement of the Manual Enrolment System of the institution for it to have an organized flow of transaction and an ease of work especially to the administrators of Cavite West Point College. The study is concerned on how the manual enrolment performs throughout the company's transaction.

The numerous transactions that the manual system covers, such as updating and adding student records, generating the class list, advising and assessment slips, payments, and the like are commending the manual enrolment system to be inefficient for the needs of the institution.

Since the study involves proper records handling, tracing the constraints and evaluation of the manual system is essential. Thus, the proponents gathered necessary data that will help in the progress of enhancing the existing system of Cavite West Point College.