ONLINE BILLING AND RESERVATION SYSTEM FOR CASA SAN PABLO

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 Information Technology

Briagas, Kathlyn Mae R.

Cuevas, Kathleen Mae M.

Mendoza, Christine Roan A.

Abstract

Casa San Pablo is a popular destination for those who want to travel but never miss the feeling of being at home. With its unique rooms, various amenities, and relaxing wide open areas, it is a perfect place for individual or groups who wish to stay in a place of serenity.

Reservations were usually made through phone call or email, but confirmation is only by phone upon payment by a customer. Checking pending reservations, billing information, and looking for updated records are time consuming for the manager who himself accepts reservations. Therefore, an online billing and reservation system is proposed to help hasten the reservation and billing transactions for the company. The proponents used the Prototyping model to determine the data needed to analyze the company's reservation and billing system to be able to develop a system for it.

With an online billing and reservation system, Casa San Pablo has gained an advantage that hastens its transactions and makes it more convenient for its customers and its manager to confirm bookings online.

TABLE OF CONTENTS

1.0 Intro	oduction	
1.1	Background of the Study	1
1.2	Statement of the Research Problem	3
1.3	Statement of Objectives	6
	1.3.1 General Objectives	6
	1.3.2 Specific Objectives	6
1.4	Significance of the Study	7
1.5	Scope and Limitations of the Study	9
1.6	Methodology	10
2.0 Rev	iew of Related Literature	14
3.0 The	oretical Framework	
3.1	Statement of Assumptions	22
3.2	Operational Definitions	22
	3.2.1 Definition of Terms	22
	3.2.2 Definition of Processes	24
3.3	Theories Used in the Study	26
4.0 The	Existing System	
4.1	Description of the System	32
4.2	Inputs	35
4.3	Processes	37
4.4	Files	43
4.5	Outputs	46
4.6	Data Flow Diagram (see Appendices)	
4.7	Problem Areas	48

5.0 The Propo	osed System	
5.1 Syst	tem Overview	50
5.2 Syste	em Objectives	51
5.3 Scop	oe e	52
5.4 Syste	em Justification	53
6.0 Design		
6.1 Inpu	ts	54
6.2 Proc	esses	55
6.3 Files	AGUINALDO - INFORMATION PO	59
7.0 Implemen	ntation	
7.1 Resc	ource Requirements	67
7.1.1	Software Requirements	67
7.1.2	Hardware Requirements	68
7.1.3	Human Resource Requirements	68
7.2 Installation Plan		69
7.2.1	System Installation	69
7.2.2	Training Plans	70
7.2.3	Conversion Plans	71
7.2.4	Testing	72
8.0 Conclusion and Recommendation		75
Conclusion		
Recommendation		

	1.	
A 10	pendice	c
AD	Denonce	۰
1 10	politico	١,

Data Flow Diagrams	78
Entity Relationship Diagrams	90
Normalized Tables	96
Sample Forms / Reports (Existing System)	93
Sample Forms / Reports (Proposed System)	118
Bibliography	124

