ONLINE BILLING AND RESERVATION FOR VITUG BEACH RESORT

An Undergraduate Research Proposal Presented to

Computer Studies Department

College of Science

De La Salle University – Dasmarinas

In Partial Fulfillment of the Requirement for the

Degree of Bachelor of Science in

Information Technology

Fadullo, Crizzell C.

Macasaet, Joshua

April 2012

TABLE OF CONTENTS

I. Approval Sheet
II. Acknowledgement
III. Abstract

Chapter 1	**Introduction**	
	1.1 Background of the Study	**1**
	1.2 Statement of the Research Problem	**4**
	1.3 Statement of Objectives	**6**
	1.4 Significance of the Study	**7**
	1.5 Methodology of the Study	**8**
Chapter 2	**Review of Related Literature**	
	2.1 Local	**15**
	2.2 Foreign	**19**
Chapter 3	**Theoretical Framework**	
	3.1 Statement of Assumption	**24**
	3.2 Operational definitions	**24**
	3.2.1 Definition of Terms	**24**
	3.2.2 Definition of Process	**25**
Chapter 4	**The Existing System**	
	4.1 Description of the System	**31**
	4.2 Definition of Data Capture	

	4.3 Inputs	**32**
	4.4 Process	**33**
	4.5 Files	**40**
	4.6 Outputs	**41**
	4.7 Problem Areas	**41**
Chapter 5	**The Proposed System**	
	5.1 System Overview	**44**
	5.2 System Objectives	**44**
	5.3 Scope	**45**
	5.4 System Justification	**46**
Chapter 6	**System Design**	
	6.1 Inputs	**47**
	6.2 Process	**47**
	6.3 Files	**50**
	6.4 Outputs	**52**
Chapter 7	**Implementation**	
	7.1 Resource Requirement	**54**
	7.1.1 Software Requirements	**54**
	7.1.2 Hardware Requirements	**54**
	7.1.3 Human Resources	**55**
	7.2 Installation Plans	**55**
	7.2.1 System Installation	**55**

7.2.2 Training Plans **56**

7.2.3 Conversion Plans **56**

7.2.4 Testing **58**

Chapter 8 Conclusion and Recommendations

8.1 Conclusion **60**

8.2 Recommendation **60**

LIST OF APPENDICES

Appendix A

Data Flow Diagram of Existing System

Appendix B

Data Flow Diagram of Proposed System

Appendix C

Entity Relationship Diagram of Proposed System

Appendix D

Normalization

Appendix E

Sample Forms of Proposed System

IV. Bibliography

V. Curriculum Vitae

ABSTRACT

The proposed online billing and reservation system was developed to replace the existing manual billing and reservation system of Vitug Beach Resort.

The proposed system for Vitug Beach Resort can handle the reservation of rooms and function rooms, amenities and equipment, and the billing process as each transaction. Accurate reports are also included. A user-friendly interface was designed for the benefit of the users. The system guarantees that the user's information is secured.

The proposed "Online Billing and Reservation System for Vitug Beach Resort" was prepared in order to provide the resort with a system that will lessen the errors and make things work easier. As a result, the proponents provided a solution to their existing manual system with the support of the Company.