



De La Salle University-Dasmariñas

Aroma Beach Resort Online Billing and Reservation System

An Undergraduate Research Proposal Presented to the

Computer Studies Department

College of Science and Computer Studies

De La Salle University – Dasmariñas

In Partial Fulfillment of the Requirements for the

Degree of Bachelor of Science in

Computer Science

Bautista, John Louie C.

Castillo, Cristine Joy M.

February 2013



Table of Contents

Approval Sheet i

Certification ii

Acknowledgement iii

Table of Contents iv

Abstract v

Chapter 1.0 – Introduction

 1.1 Background of the Study 1

 1.2 Statement of the Research Problem 3

 1.3 Objectives

 1.3.1 General Objective..... 5

 1.3.2 Specific Objectives 5

 1.4 Significance of the Study 6

 1.5 Scope and Limitations 7

 1.6 Methodology of the Study 9

Chapter 2.0 – Review of Related Literature 16

Chapter 3.0 – Theoretical Framework

 3.1 Statement of Assumptions 24

 3.2 Operational Definitions

 3.2.1 Definition of Terms 24

 3.2.2 Definition of Process 26

 3.2.3 Theories Used in the Study 28

Chapter 4.0 – The Existing System

 4.1 Description of the System 34

 4.2 Input 35

 4.3 Process 36



4.4 Files	41
4.5 Output	41
4.6 Problem Areas	42
Chapter 5.0 – The Proposed System	
5.1 System Overview	43
5.2 System Objectives	44
5.3 Scope	44
5.4 System Justification	47
Chapter 6.0 – Design	
6.1 Inputs	48
6.2 Process	48
6.3 Files	59
6.4 Outputs	60
Chapter 7.0 – Implementation	
7.1 Resource Requirements	
7.1.1 Software Requirements	62
7.1.2 Hardware Requirements	62
7.1.3 Human Resource Requirements	62
7.2 Installation Plans	
7.2.1 System Installation	63
7.2.2 Training Plan	64
7.2.1 Conversion Cost	64
7.2.2 System Testing	65
Chapter 8.0 – Conclusion and Recommendation	66
APPENDICES	
CURRICULLUM VITAE	
BIBLIOGRAPHY	



ABSTRACT

Aroma Beach Resort had been using manual system in processing their billing and reservation; all the transactions including the payments are written and stored in a logbook and record book. The beach resort had an old website but it had few pictures of resort facility and it is not updated because some facilities are missing. By having this kind of system, a list of problems may arise.

The proponents developed an online billing and reservation system for Aroma Beach Resort to help and make an efficient system not only to the management of the beach resort but also to their customers. This system provides easier relaying of information and easier transaction with their management. Customers who are interested in visiting the beach resort will find it is easier to contact and see the facilities of the beach. Creating an own account for the guest or clients are not implemented to the proposed system, the system provides an easier and faster service for reservation. Without this service, it is time consuming and poses problems to the guests.

The proposed system has the automatic billing computation of the rooms, event, hut and rentals which can be paid using a credit card. The system has also a feedback posting and email notification for customers and for the administrator who have the access to all the maintenance and the full system. There is also the generation of different reports which was printable, in which the administrator can choose from starting date to an ending date. The customer would have a more convenient and easier transaction in reservation and in the services the beach resort has.