

Online Billing and Reservation System for

Piña Colina Resort

A Proposal Thesis

Presented to

The Faculty of College of Science
De La Salle University- Dasmariñas

Dasmariñas City, Cavite

In Partial Fulfillment of the
Requirements for the Degree

Bachelor of Science Major in Computer Science

Abogado, Mariel Kristine M.

Sarabia, Maybelle C.

March 2012

TABLE OF CONTENTS

	PAGE
Acknowledgement	i
Abstract	ii
Chapter 1: Introduction	
Background of the Study	1
Statement of the Research Problem	5
Statement of Objectives	7
Significance of the Study	8
Scope and Limitations of the Study	10
Methodology of the Study	12
Chapter 2: Review of Related Literature	
Local Literature	20
Foreign Literature	23

Chapter 3: Theoretical Framework

Statement of Assumptions 28

Operational Definitions 29

Theories Used in the Study 32

Chapter 4: The Existing System

Description of the System 41

Definition of Data Captures 43

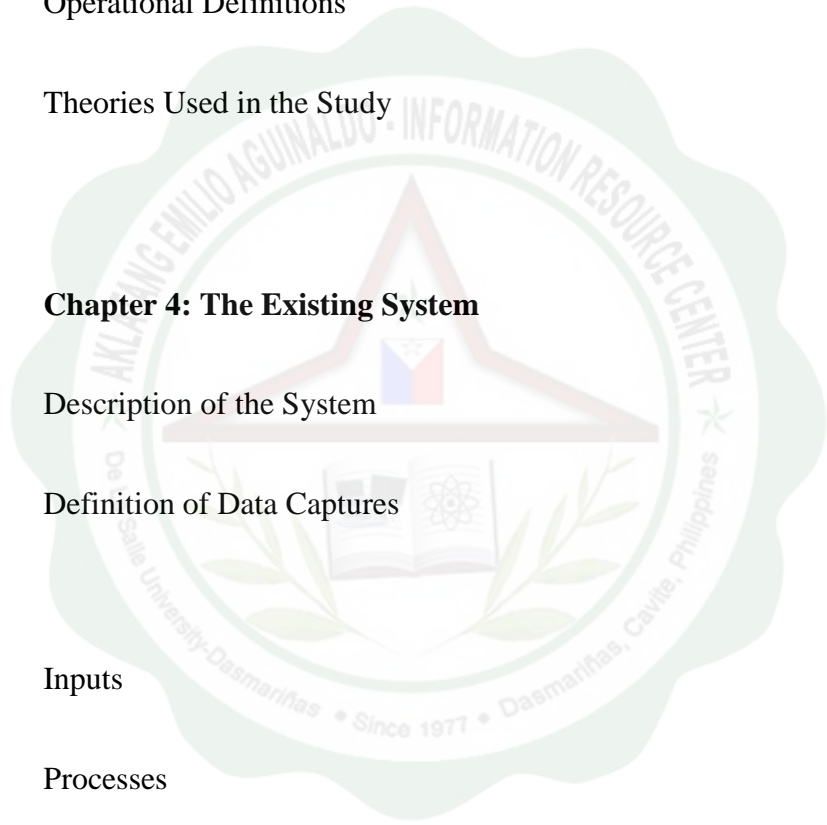
Inputs 44

Processes 45

Files 50

Outputs 52

Problem Areas 53



Chapter 5: The Proposed System

System Overview 56

System Objective 57

Scope 58

System Justification 59

Chapter 6: Design

Inputs 60

Processes 61

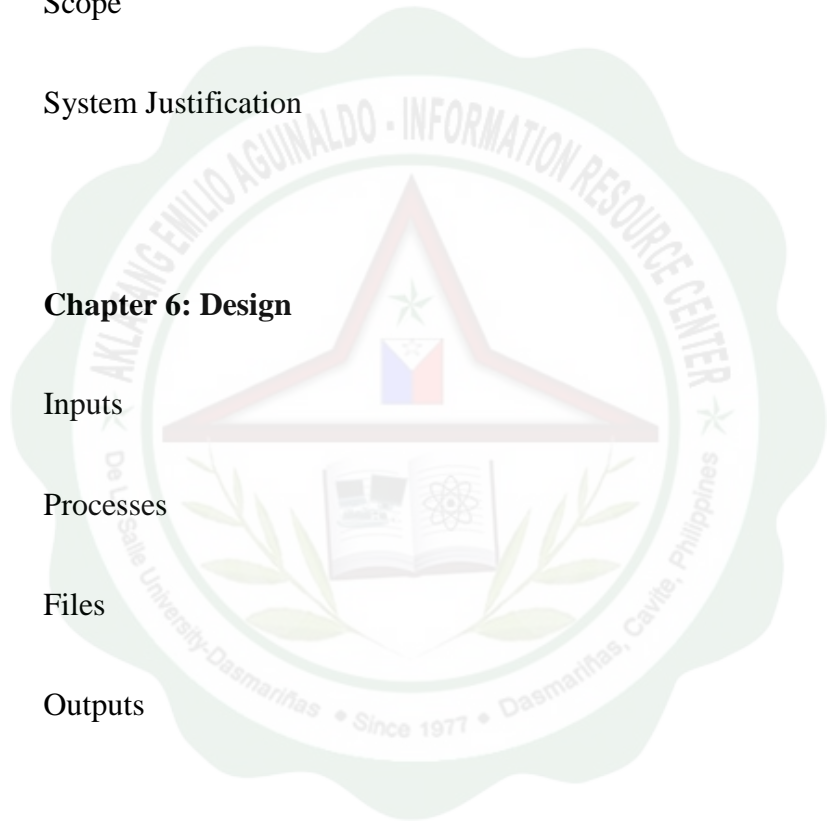
Files 63

Outputs 68

Chapter 7: Implementation

Resource Requirements 71

Installation Plans 73



Chapter 8: Conclusion and Recommendation

Conclusion	77
Recommendation	78

APPENDICES

Appendix A: DFD of the Existing System of Piña Colina Resort	80
Appendix B: DFD of the Proposed System of Piña Colina Resort	83
Appendix C: Sample Forms	86
Appendix D: Normalization	88
Appendix E: Entity Relationship Diagram	89
Appendix F: Sample Screen Designs	90

BIBLIOGRAPHY	105
---------------------	-----

USER'S MANUAL	107
----------------------	-----

CURRICULUM VITAE	
-------------------------	--

ABSTRACT

Piña Colina Resort has a manual system in its reservation and billing. As a result of inaccurate computations, loss of some data due to unsecured data storage and also time consuming. The resort has encountered problems in most transactions. The problem caused by information that is redundantly copied, inaccurate information and high job turnover. In effect, these raised concerns on security. Another problem is lack of database and unsecured files. It needs a database to keep easy maintenance and also to secure all the important files and reports for monitoring the sales of the resort, efficient reservation website for faster transactions of the customer and the company. The proponents developed an efficient and fully functional online billing and reservation system for Piña Colina Resort. This includes maintenance of reservation, customers, and facilities. This online billing and reservation system helped the manager and the receptionist of the resort to handle their jobs easily