



De La Salle University - Dasmariñas

**ONLINE BILLING AND RESERVATION SYSTEM
FOR COCONUT HILLS BEACH RESORT**

An Undergraduate Research Proposal

Presented to the Computer Studies Department

College of Science

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**In Partial Fulfilment of the Requirements for the
Degree of Bachelor Science in
Information Technology**

Almonte, Ma. Josuevy Faith T.

Limpin, Leiriza

Avinante, Lend'l

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Table of Contents

1.0 Introduction

1.1 Background of the Study	1
1.2 Statement of the Research Problem	3
1.3 Statement of Objectives	4
1.3.1 General Objectives	4
1.3.2 Specific Objectives	5
1.4 Significance of the Study	5
1.5 Scope and Limitations	7
1.6 Methodology of the Study	9

2.0 Review of Related Literature

2.1 Foreign Literature	11
2.2 Local Literature	17

3.0 Theoretical Framework

3.1 Statement of Assumption	23
3.2 Operational Definition	23
3.2.1 Definition of Terms	23
3.2.2 Definition of Process	25
3.3 Theories Used in the Study	26



4.0 The Existing System

4.1 Description of Existing System	30
4.2 Inputs	31
4.3 Process	32
4.4 Outputs	36
4.5 Problem Areas	38

5.0 The Proposed System

5.1 System Overview	39
5.2 System Objectives	39
5.3 Scope of the System	41
5.4 System Justification	43

6.0 Design

6.1 Inputs	46
6.2 Process	47
6.3 Files	54
6.4 Outputs	56

7.0 Implementation

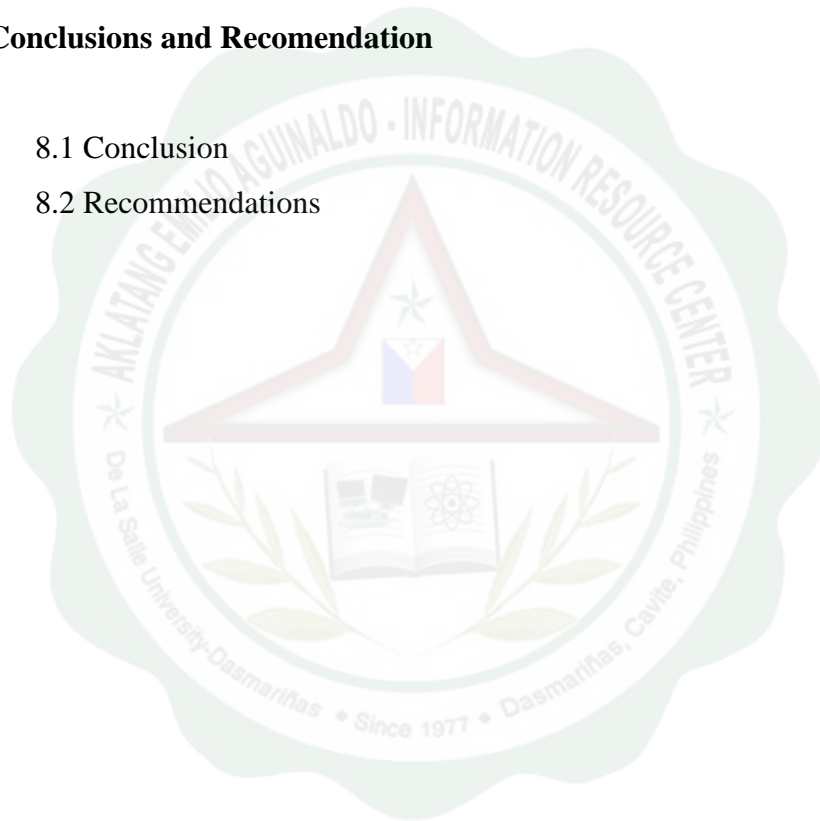
7.1 Resource Requirements	60
7.1.1 Software Requirements	60
7.1.2 Hardware Requirements	60
7.1.3 Human Resource Requirements	61



7.2 Installation Plan	61
7.2.1 System Installation	61
7.2.2 Training Plans	62
7.2.3 Conversion Plans	63
7.2.4 Testing	63

8.0 Conclusions and Recommendation

8.1 Conclusion	65
8.2 Recommendations	66





List of Appendices

Appendix A

Data Flow Diagram (Existing System)

Context Flow Diagram (Existing System)

Appendix B

Data Flow Diagram (Proposed System)

Context Flow Diagram (Proposed System)

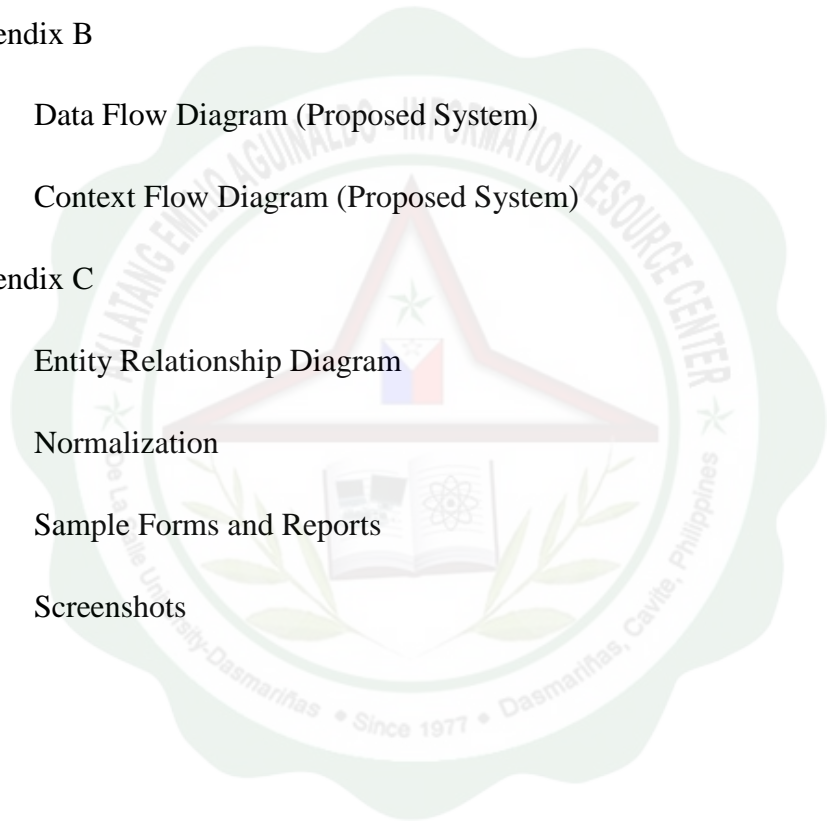
Appendix C

Entity Relationship Diagram

Normalization

Sample Forms and Reports

Screenshots





Abstract

Coconut Hills Beach Resort uses manual system in its reservation and billing. As a result, the result has encountered problems in most transactions. The problem caused by information that is redundantly copied, inaccurate and losing it data. In effect, these raised concerns on security. Another problem is insufficient data backup. It needs a database for easy maintenance.

The proponent proposed Online billing and reservation for Coconut Hills Beach Resort which contained modules for login/logout, reservations, billing computation and generation of reports to helps the current problems that the resort is facing. The proponent created a solution by developing a useful and efficient billing and reservation system. The system that is uploaded online to respond to the problems cited in the resort's system. The system features the reservation and maintenance of facilities, amenities, rooms, function rooms and packages online.

For the data security, the proponents came up with providing username and password for the certain users to secure their accounts. After signing in, they can now reserve rooms, amenities or function rooms they want to reserve. They can also view the reservation details they reserved.

For the monitoring of reservations, the proponents provided a report for that. The staff/administrator can generate a daily, monthly and yearly report for tracking the reservations. The system can also view the income of the resort.



Generation of reports is easier since the system has the capability to eliminate the inconsistencies.

Through the system that the proponent proposed, the problems encountered by the company will be minimized and the workload of the employees will be lessened.

