# "Online Reservation and Billing System for

### PROJECT JABEZ CAMPSITE"

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 for the Bachelor of Science

In Information Technology

Caballero, Marco G.

Montana, Analyn I.

## TABLE OF CONTENTS

Title Page		i
Table of Contents		ii
List of Appendices		iv
Approval Sheet		v
Certificate of Revision		vi
Acknowledgement		vii
Abstract		viii
1.0 Introdu	ction	
1.1	Background of the Study	1
1.2	Statement of the Research Problem	4
1.3	Statement of Objectives	9
	1.3.1 General Objectives	9
	1.3.2 Specific Objectives	9
1.4	Significance of the Study	9
1.5	Scope and Limitations of the Study	11
1.6	Methodology of the Study	15
2.0 Review	of Related Literature	20
3.0 Theoret	cical Framework	
3.1	Statement of Assumptions	31
	Operational Definitions	31
	3.2.1 Definition of Terms	31
	3.2.2 Definition of Processes	32
3.3	Theories Used in the Study	34
	sanani aasmani	
4.0 The Ex	isting System	
4.1	Description the System	41
4.2	Inputs	44
4.3		45
4.4	Files	49
4.5	Outputs	50
4.6	Data Flow Diagram	52
4.7	Problem Areas	60
5.0 The Pro	pposed System	
5.1	System Overview	62
5.2	<del>-</del>	64
5.3	•	65
	System Justification	66

6.0 Design	
6.1 Inputs	69
6.2 Processes	71
6.3 Files	74
6.4 Outputs	77
7.0 Implementation	
7.1 Resource Requirements	78
7.2 Software Requirements	78
7.3 Hardware Requirements	78
7.3.1 Human Resource Requirements	78
7.4 Installation Plans	79
7.4.1 System Installation	79
7.4.2 Training Plans	80
7.4.3 Conversion Plans	80
7.4.4 Testing	81
8.0 Conclusions and Recommendations	
8.1 Conclusions	82
8.2 Recommendations	83
Bibliography	

# **List of Appendices**

Appendix A. Data Flow Diagram (Proposed System)

Appendix B. Entity – Relationship Diagram

Appendix C. Normalization

Appendix D. Sample Forms and Reports (Existing System)

Appendix E. Proposed System Screenshots

Appendix F. Curriculum Vitae



#### **ABSTRACT**

Project Jabez Campsite is located at Km. 36 Governor's Drive, Brgy. Sampaloc IV, Dasmariñas, Cavite. It provides facilities and services to churches, groups, schools and organizations for their seminars, conferences, retreats, weddings and other special activities and events. To present day, all reservations, billing and processing of payments of Project Jabez Campsite are handled manually. The main goal of this study is to improve Project Jabez Campsite's business functions through the use of computerized information systems.

The innovation in information technology and Internet led to a significant shift on marketing and business models nowadays. In order to enhance the Jabez Campsite's competitiveness one of the greatest strategies is to focus on technological innovation. The proponents of this thesis identified the problems encountered by the existing system and formulate the appropriate solutions. Moreover, in understanding the information requirements of users, the proponents conceptualized how data move through the organization, the process or transformation that data undergo, and what the outputs are. Through the development of an Online Reservation and Billing System, the researchers seek to eliminate the campsite's problem with its existing system. In developing the proposed system for the Project Jabez Campsite, the researchers made use of V-model as one of the methods in their study. Moreover, they also aim to support Jabez Campsite in expanding their online popularity to capture a significant market share by developing a dynamic website that caters to the facilities and services it offers.