

De La Salle University - Dasmariñas

A Network-based Payroll System

with Biometrics for the Big Philippines Corporation

An Undergraduate Research Proposal Presented to

The Computer Studies Department

College of Science

De La Salle University – Dasmariñas

In Partial Fulfilment of the Requirements for the

Degree of Bachelor of Science in

Information Technology

Anciro, Lester B.

Cruz, Dan Carlo B.

Vera, Vanne Gerrald E.

De La Salle University - Dasmariñas

TABLE OF CONTENTS

1.0 INTRODUCTION

- 1.1 Background of the Study
- 1.2 Statement of the Research Problem
- 1.3 Statement of Objectives
 - 1.3.1 General Objectives
 - 1.3.2 Specific Objectives
- 1.4 Significance of the Study
- 1.5 Scope and Limitations of the Study
- 1.6 Methodology of the Study

2.0 REVIEW OF RELATED LITERATURE AND STUDIES

- 2.1 Local Literatures
- 2.2 Foreign Literatures

3.0 THEORETICAL FRAMEWORK

- 3.1 Statement of Assumptions
- 3.2 Operational Definitions
 - 3.2.1 Definition of Terms
 - 3.2.2 Definition of Processes
- 3.3 Theories used in the study

4.0 THE EXISTING SYSTEM

- 4.1 Description of the System
- 4.2 Definition of Data Capture
- 4.3 Inputs



De La Salle University - Dasmariñas

- 4.4 Processes
- 4.5 Files
- 4.6 Outputs
- 4.7 Data Flow Diagram
 - 4.7.1 Context Data Flow Diagram
 - 4.7.1 Diagram 0
- 4.8 Problem Areas

5.0 THE PROPOSED SYSTEM

- 5.1 System Overview
- 5.2 System Objectives
- 5.3 Scope
- 5.4 System Justification

6.0 DESIGN

- 6.1 Inputs
- 6.2 Processes
- 6.3 Files
- 6.4 Outputs

7.0 IMPLEMENTATION

- 7.1 Appropriate set of requirements
- 7.2 Thorough Installation plans

8.0 CONCLUSION AND RECOMMENDATIONS

- 8.1 Conclusion
- 8.2 Recommendations

ABSTRACT

Payroll systems with biometrics technology focus about the timekeeping, records, different computations, etc. of the chosen company. Network based Payroll system with biometrics technology is a system which is useful to the company. The program of the system does the whole computation inside the company (from the input until the output). A payroll system involves everything that has to do with the payment of employees and the filing of employment taxes. This includes keeping track of hours; and calculating wages, withholding taxes and other deductions; printing and delivering checks; and paying employment taxes to the government.

The payroll system with biometrics technology was developed through a series of information gathering and development of modules not only for the lessons but for the system as well. VB.net was the primary language used by the proponents in most part of the system. The proponents also created database. Microsoft Access serves as the main database used in the system.