



Network-Based Payroll System with Biometrics for Fil-Fresh, Inc.

A Project Proposal Presented to the

Computer Studies Department

College of Science

De La Salle University-Dasmariñas

In Partial Fulfillment of the Requirements

for the Degree of Bachelor of Science

in Computer Science

Proposed By:

David, Christian Mark

Padilla, Abellene

Rosario, Diane Jhoy

(BCS42)

March 2010



ABSTRACT

The proposed system focuses on automation of the company's payroll system, that will provide a biometric system for the employees' attendance. It also contains a database for the data of the employee and the salary entities that will be needed in salary computation. In the database, it contains information of the employee's salary. For this database, the system automates the computation of the salary with deductions. The system also provides the payslip and other report that the company need in summary review.

The Network-Based Payroll System with Biometrics for Fil-Fresh, Inc. will make the company's work in the payroll system easier, comfortable, and accurate result of the salary report. The system also gives convenient to the accounting personnel of the company. The biometric will give the employee more accessible way in logging in the system and give accurate information about the employee's attendance. Over all, the system will provide a more convenient system for the Company.



Table of Contents

Chapter 1: Introduction

1.1 Background of the Study	1
1.2 Statement of the Research Problem	2
1.3 Statement of the Objective	3
1.3.1 General Objectives	
1.3.2 Specific Objective	
1.4 Significance of the Study	4
1.4.1 The Company	
1.4.2 The Accountant	
1.4.3 The Manager	
1.4.4 The Employee	
1.4.5 The Proponents	
1.4.6 The Future Proponents	
1.5 Scope and Limitations of the Study	5
1.6 Methodology of the Study	6
1.6.1 Requirements and Analysis	
1.6.2 Designing	
1.6.3 Implementation	
1.6.4 Testing	
1.6.5 Installation	
1.6.6 Maintenance	

Chapter 2: Related Literature

2.1 Local Literatures	11
2.1.1 Imus Rural Bank Inc. Payroll System	
2.1.2 Payroll System for Land Bank of the Philippines (PS-LBP)	
2.1.3 Cely Rosa Bus Company Payroll System	
2.1.4 Automated System for ANT Mechanical Works	
2.2 Foreign Literature	14
2.2.1 Payroll Systems: Strengthening Time Logging Security in Payroll	
2.2.2 Payroll Management	
2.2.3 Automation of the Payroll System of the Hellenic Air Force	
2.2.4 Managing to Payroll: An Evaluation of Local Activity Data Management	

Chapter 3: Theoretical Framework

3.1 Statement of Assumptions	16
3.2 Operational Definitions	16



- 3.2.1 Definition of Terms
- 3.2.2 Definition of Process
- 3.2.3 Theories Used in Study

Chapter 4: Existing System

- 4.1 Description of the System 21
- 4.2 Inputs22
- 4.3 Processes23
- 4.4 Files24
- 4.5 Outputs24
- 4.6 Data Flow Diagram.....25
 - 4.6.1 Context Diagram of Existing System
 - 4.6.2 Diagram 0 of the Existing System
- 4.7 Problem Areas.....28

Chapter 5: The Proposed System

- 5.2 System Overview29
- 5.2 System Objectives30
- 5.3 Scope30
- 5.4 System Justification31

Chapter 6: Design

- 6.1 Input32
- 6.2 Process32
 - 6.2.1 LogIn/Out
 - 6.2.2 Approve Leave and OT
 - 6.2.3 Compute Grosspay
 - 6.2.4 Compute Deductions
 - 6.2.5 Calculate NetPay
 - 6.2.6 Generate PaySlip
 - 6.2.7 Generate PayrollReport
- 6.3 Files34
- 6.4 Outputs36
 - 6.4.1 PaySlip
 - 6.4.2 Payroll Report

Chapter 7: Implementation

- 7.1 Resource Requirements39
 - 7.1.1 Software Requirements
 - 7.1.2 Hardware Requirements
- 7.2 Installation Plans40
 - 7.2.1 System Installation
 - 7.2.2 Training Plans
 - 7.2.3 Conversion Plans
 - 7.2.4 Testing



Chapter 8: Conclusion Recommendation

Conclusions	44
Recommendations	45

Appendices

Bibliography

