

NETWORK-BASED PAYROLL SYSTEM WITH BIOMETRICS
FOR TANZA NATIONAL COMPREHENSIVE HIGH SCHOOL

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 of Bachelor of Science in Computer Science

By:

Ambrocio, Maikel L.

Amoroso, Anjo Rafael F.

de Guzman, April Kaye G.

March 2011

TABLE OF CONTENTS

<u>Content</u>	<u>Page</u>
Acknowledgement	5
Abstract	6
1. Introduction	
1.1. Background of the Study	7
1.2. Statement of the Research Problem	8
1.3. Statement of Objectives	10
1.4. Significance of the Study	11
1.5. Scope and Limitations of the Study	12
1.6. Methodology of the Study	13
2. Review of Related Literature	16
3. Theoretical Framework	
3.1. Statement of Assumptions	22
3.2. Operational Definitions	22
3.3. Theories Used in the Study	25
4. The Existing System	
4.1. Description of the System	33
4.2. Definition of Data Capture	34
4.3. Inputs	36
4.4. Processes	36
4.5. Files	39
4.6. Outputs	41

4.7. Data Flow Diagram	42
4.8. Problem Area	42
5. The Proposed System	
5.1. System Description	43
5.2. System Objectives	44
5.3. Scope	45
5.4. System Justification	45
6. Design	
6.1. Inputs	47
6.2. Processes	48
6.3. Files	51
6.4. Outputs	52
7. Implementation	
7.1. Resource Requirements	55
7.2. Installation Plans	57
8. Conclusions and Recommendations	
8.1. Conclusion	61
8.2. Recommendation	62
Appendices	63
Bibliography	85
Curriculum Vitae	88

ABSTRACT

In a company, payroll is the sum of all financial records of salaries for an employee. In accounting, payroll refers to the amount paid to employees for services they provided during a certain period of time. Payroll plays a major role in a company for several reasons. From an accounting point of view, payroll is crucial because payroll and payroll taxes considerably affect the net income of most companies and they are subject to laws and regulations. The primary mission of the payroll department is to ensure that all employees are paid accurately and timely with the correct withholdings and deductions, and to ensure the withholdings and deductions are remitted in a timely manner. This includes salary payments, tax withholdings, and deductions from a pay slip.

Today, most of the businesses are using a computerized system which is proved to be more accurate. Unlike manual systems, data can now be easily entered and managed. It is also a big help for the growing companies to use this kind of system, especially in their payroll system. Also, using a computerized system will help reduce the time it takes to process data and get error-free results.