



De La Salle University - Dasmariñas

**Payroll System of Land Bank of the Philippines
Cavite City Branch
(PS - LBP)**

0588

An Undergraduate Special Problem

Presented to

The Faculty of Computer Studies Department

De La Salle University – Dasmariñas

Dasmariñas, Cavite

In Partial Fulfillment

of the Requirements for Degree

Bachelor of Science in Computer Science

by

Morales, Ma. Emmeren M.

Vinas, May C.

March 2000

05 APR 2000

AKLATANG EMILIO AGUINALDO ARCHIVES



TABLE OF CONTENTS

1.0 Introduction	
1.1 Background of the Study	1 - 1
1.2 Statement of the Research Problem	1 - 2
1.3 Statement of Objectives	1 - 3
1.3.1 General Objectives	1 - 3
1.3.2 Specific Objectives	1 - 3
1.4 Significance of the Study	1 - 4
1.5 Scope and Limitations of the Study	1 - 4
1.6 Methodology of the Study	1 - 5
2.0 Review of Related Literature	
2.1 Conceptual Literature	2 - 1
2.2 Research Literature	2 - 8
3.0 Theoretical Framework	
3.1 Statement of Assumptions	3 - 1
3.2 Operational Definitions	3 - 1
3.2.1 Definition of Terms	3 - 1
3.2.2 Definition of Processes	3 - 5
3.3 Theories Used in the Study	3 - 6
4.0 The Existing System	
4.1 Description of the System	4 - 1
4.2 Definition of Data Capture	4 - 2
4.3 Inputs	4 - 3
4.4 Processes	4 - 5
4.5 Files	4 - 12
4.6 Outputs	4 - 15



De La Salle University - Dasmariñas

4.7 Data Flow Diagram	4 - 16
4.8 Problem Areas	4 - 19
5.0 The Proposed System	
5.1 System Overview	5 - 1
5.2 System Objectives	5 - 2
5.3 Scope	5 - 2
5.4 System Justification	5 - 3
6.0 Design	
6.1 Inputs	6 - 1
6.2 Processes	6 - 2
6.3 Files	6 - 7
6.4 Output	6 - 8
7.0 Implementation	
7.1 Resource Requirements	7 - 1
7.1.1 Software Requirements	7 - 1
7.1.2 Hardware Requirements	7 - 1
7.1.3 Human Resources Requirements	7 - 2
7.2 Installation Plans	7 - 2
7.2.1 System Installation	7 - 2
7.2.2 Training Plans	7 - 3
7.2.3 Conversion Plans	7 - 3
7.2.4 Testing	7 - 4
8.0 Cost Benefit Analysis	
8.1 Resource Requirement	8 - 1
8.2 Payback Analysis	8 - 4
8.3 Operational Setup	8 - 5



9.0. Conclusions and Recommendations

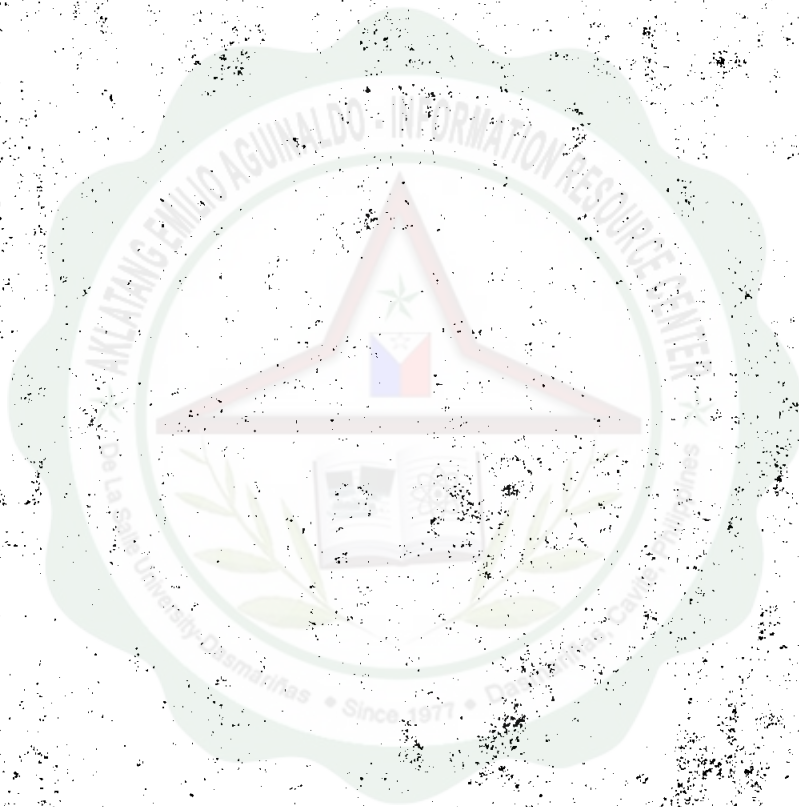
9-1

Appendices

Bibliography

Glossary

Resource Person





De La Salle University - Dasmariñas

ABSTRACT

Payroll System of Land Bank of the Philippines-Cavite City Branch is a computerized information system developed to process large amount of data for routine business transactions. This Information System eliminates the tedious tasks of necessary operational transactions. This is developed to address the current problems encountered by the existing manual system of the Company.

Payroll System is a computer-based system designed to enable the accounting office personnel to effectively manage and control the employee's records in processing payroll. The system is designed to ease operation as one of its main objectives. It guides the user through each function with menus or list of choices and it gives all the information needed by the system. These functions may be selected from the menus, which provides a logical guide to all system functions.

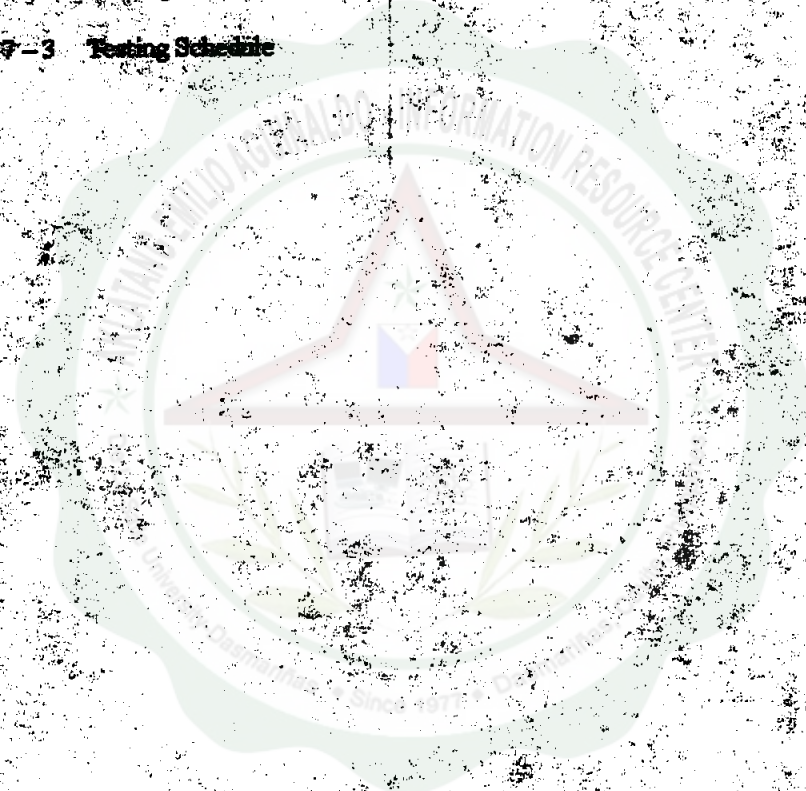
The study is specifically designed to help the Land Bank of the Philippines – Cavite City Accounting Office process one of its tedious and delicate tasks, that is the payroll system. This Information System is developed to offer the Head an improved management of the department, an effective control of the employee's records, ability to submit accurate report to the branch manager and issuance of pay slip on time. Appropriate programs that present the user the complete information and automated computations will give the clerk an effective management and tracking of records, as well as the easy generation of reliable payroll summary for the accounting office.

It gives a clearer and easier way of maintaining employees records through its user – friendly interface that provides an updated and integrated data needed for the processes involved in the system. The system has a database for easy manipulation and maintenance of files of each employee. This is made to ensure error-free and up-to-date processing and generation of the payroll system. Managing computer – generated information differs in significant ways from handling manually produced data.

Moreover the use of such information system allows the company to gain a competitive edge or set an institutional standard. Decision - makers are beginning to understand that information is not just a by-product of conducting business; rather, it fuels business and can be the critical factor in determining the success or failure of a business.

List of Tables

Table 7 - 1	Installation Schedule of the System	7-2
Table 7 - 2	Training Schedule	7-3
Table 7 - 3	Testing Schedule	7-4





List of Appendices

Appendix A	Certification of Review Panel
Appendix B	Certification for SPClearance
Appendix C	Certification of Editor
Appendix D	Certification of CRC Representative
Appendix E	Certification of SPAdviser
Appendix F	Time Card
Appendix G	Withholding Tax Table
Appendix H	SSS and MCR Table
Appendix I	Normalization
Appendix J	Data Dictionary
Appendix K	Entity Relationship Diagram
Appendix L	Screen Designs
Appendix M	Sample Output

