

Rural Bank of Salinas, Inc.,

**Payroll System** 

ે ઉજ્જ

An Undergraduate Special Problem

Presented to

The Faculty of Computer Studies Department

De La Salle University- Dasmariflas

Dasmarifias, Cavite

In Partial Fulfillment

Of the Requirements for the Degree

Bachelor of Science in Computer Science

Layuso, Edilet F.

Nocon, Ma. Angelica M.

March 2000

AKLATANG EMILIO AGUINALDO ARCHIVES



### **Table of Contents**

Abstract	i
Table of Contents	ii
List of Figures	iv
List of Tables	v
List of Appendices	vi
1.0 Introduction  1.1 Background of the Study 1.2 Statement of the Research Problem 1.3 Statement of the 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	1-1 1-1 1-2 1-2 1-2 1-3 1-3 1-4 1-5
2.0 Review of Related Literature	2-1
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	3-1 3-1 3-1 3-1 3-3 3-3
4.0 The Existing System 4.1 Description of the System 4.2 Definition of Data Capture 4.3 Inputs 4.4 Processes 4.5 Files 4.6 Outputs 4.7 Problem Areas 4.8 Data Flow Diagram	4-1 4-1 4-2 4-6 4-7 4-22 4-24 4-25 4-27
5.0 The Proposed System 5.1 System Overview 5.2 System Objectives 5.3 Scope 5.4 System Justification	5-1 5-1 5-2 5-3 5-3



610	) Design					6-1
		Input	144			6-1
		Processes				. 6-2
1		Files	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			64
- 1		Outputs				∞ 6-6
76	) implem	uistica:	i ga di engelan i			7-1
`		Résource Requiremen	nts			7-1
		7.1.1 Softwar				7-1
- 1			re Requirements			- 7-1.
- 1		7.1.3 Human				7-2
	7.2	Installation Plans				7-2
			Installation			7-3
			g Plans			7-4
1			sion Plans			7-4
	,	7.2.4 Testing				7-4
86	Cost Be	nofit Analysis				8-1
		Intangible Benefits				8-1
1		Tangible-Benefits				8-2
		Resource Requireme	nt :		in the contract of	8-3
		Operational Set-up		- <del>-</del>	Vi s	8-7
					. Characha	
94	Conclus	ion			<b>*</b>	9-1
37		nendation "				9-2
	***	11 \$4 T V TRATES SAN 1	W 1	27. 1. 2.		. Time



#### ABSTRACT

The automated Rural Bank of Salinas, Inc., Payroli System is a kind of Transaction Processing System that was developed and created for the said company to improve their manual system that is prone to errors. The proponents used the TPS or Transaction Processing System for it is appropriate for making transaction reports and calculations. The proposed system would be the solution to the problems that Rural Bank of Salinas, Inc., is presently encountering like extensive workload of the cashier.

The system is capable of editing, adding, deleting and updating information regarding the employee and SSS contribution and its computations are automated, thus, providing a precise calculation of payroll. The system will prompt the user when it is time to disburse the employee's salary that is, on the fifteenth and the thirtieth day of the month. For the security of company's payroll, the proponents employed a password. In that way, only the authorized personnel could access it.

Another way of improving one's payroll is to have an automated Daily Time Record for the employees which promotes less time and work for the users of the system, the employees and the cashier as well.

The proponents made sure that the system would be user friendly and could be smoothly operated by the users of the system. It is easy to understand, its functions and features are quite simple, and lastly which is eminently important is that the system and its users could relate to each other.