TABLE OF CONTENTS

Chapter		Page
List of Table	es	
List of Figur	res	
Acknowledg	gement	
Dedication		
Abstract		
I.	The Problem and Its Realsground	
1.	The Problem and Its Background A. Introduction	1
	B. Background of the Study	
	C. Statement of the Problem	
	D. Objectives of the Study	
	E. Significance of the Study	
	F. Scope and Delimitation of the Study	
	F. Scope and Deminitation of the Study	0
II.	Resumé of Related Literature and Professional Studies	
	A. Related Literature	8
	B. Related Studies	
	1. Summary of Related Studies	16
III.	Research Design and Methodology	
	A. Definition of Terms	
	B. Hypothesis	
	C. Basic Assumption	20
	D. Research Design and Methodology	
	1. Specification of Research Data	
	2. Sources of Data	
	3. Description of Research Models	22
IV.	Presentation and Interpretation of Data	
111	A. System Architecture	24
	B. System Development Tools	
	C. Algorithms	
	D. Processes	
	E. Features of the System	
	•	
	F. Comparative Analysis	43
	6	17
	1. Test Script	
	2. 1 3. 0 3	
	H. Findings	
	I. Problems Encountered in System Implementation	49

V.	Summary, Conclusions and Recommendations	
	A. Summary	50
	B. Conclusions	
	C. Recommendations	51
BIBLIOGE	RAPHY	

Appendices

- A. User Interface
- B. User's Manual
- C. Test Cases
- D. Certification Letter
- E. Contact Information of Resource Person
- F. Panel's Evaluation of Thesis Oral Defense
- G. Program Listing
- H. Curriculum Vitae