



## **SECURITY ALARM SYSTEM IN PALOMPON, LEYTE**

A Capstone Study Presented to the Faculty of the  
Information and Communication Technology Department

Palompon Institute of Technology

Palompon, Leyte

In Partial Fulfillment of the Requirements for the Degree of  
Bachelor of Science in Information Technology

Presented by:

**Decena, Hiezel M.**

**Gastador, Lindsey R.**

**Masendo, Iyro**

**Ornopia, Jocelyn B.**

**Pintoy, Irish Joy P.**

**Reblenca, Marry Gem Cyra B.**

**March 2017**

## TABLE OF CONTENTS

	Page No.
TITLE PAGE.....	i
APPROVAL SHEET.....	ii
ACKNOWLEDGMENT.....	iii
DEDICATIONS.....	iv
TABLE OF CONTENTS .....	v
LIST OF TABLES .....	viii
LIST OF FIGURES .....	xi
ABSTRACT.....	x
<b>CHAPTER 1: INTRODUCTION</b>	
Background of the Study .....	3
Theoretical Framework .....	4
Conceptual Framework .....	5
Statement of the Problem .....	13
Scope and Delimitations .....	13
Significance of the Study .....	14
Definition of Terms .....	15

Definition of Terms .....	15
<b>CHAPTER 2: REVIEW OF RELATED LITERATURE AND STUDIES</b>	
Foreign Literature.....	16
Local Literature.....	17
Foreign Studies .....	17
Local Studies .....	18
<b>CHAPTER 3: RESEARCH METHODOLOGY</b>	
Research Design.....	20
Research Environment.....	20
Respondents.....	20
Research Instrument.....	21
Data Gathering Procedures.....	21
Statistical Treatment of Data .....	22
<b>CHAPTER 4: PRESENTATION, ANALYSIS, AND INTERPRETATION OF DATA</b>	
Performance of the Proposed System .....	24
<b>CHAPTER 5: SUMMARY, FINDINGS, CONCLUSIONS AND RECOMMENDATIONS</b>	
Summary.....	29

Conclusions.....	31
Recommendations.....	31
<b>BIBLIOGRAPHY .....</b>	<b>33</b>
<b>APPENDICES</b>	
A. Communication Letter.....	35
B. Survey Questionnaire.....	37
C. User's Manual.....	40
D. Codes.....	45
E. Documentations.....	47
F. CurruculumVitae.....	51