



## TABLE OF CONTENT

<b>APPROVAL PAGE.....</b>	<b>iii</b>
<b>STATEMENT.....</b>	<b>iv</b>
<b>MOTTO AND DEDICATION PAGE.....</b>	<b>v</b>
<b>FOREWORD.....</b>	<b>vi</b>
<b>TABLE OF CONTENT.....</b>	<b>viii</b>
<b>LIST OF FIGURES.....</b>	<b>x</b>
<b>LIST OF TABLES.....</b>	<b>xi</b>
<b>ABSTRACT.....</b>	<b>xii</b>
<b>CHAPTER I INTRODUCTION.....</b>	<b>1</b>
1.1. Background.....	1
1.2 Research Problem.....	2
1.3 Research Scope.....	2
1.4 Research Objective.....	2
1.5 Organization of the Thesis.....	2
<b>CHAPTER II LITERATURE REVIEW.....</b>	<b>4</b>
<b>CHAPTER III BASIC THEORY.....</b>	<b>8</b>
3.1 E-commerce.....	8
3.2 Bot.....	8
3.3 Telegram Messenger.....	9
3.3.1 Telegram Bot.....	10
3.4 MySQL.....	11
<b>CHAPTER IV ANALYSIS AND DESIGN.....</b>	<b>13</b>
4.1 General Overview.....	13
4.2 System Analysis and Requirements.....	13
4.3 Input Requirements.....	13
4.4 Process Requirements.....	14



4.5 Output Requirements .....	16
4.6 Database Management System .....	17
4.6.1 Data Flow Diagram .....	18
4.6.2 Database Structure .....	20
<b>CHAPTER V IMPLEMENTATION .....</b>	<b>25</b>
5.1 General Overview .....	25
5.2 System Specification .....	25
5.3 Software Specification .....	25
5.4 Hardware Specification .....	26
5.5 System Implementation.....	26
<b>CHAPTER VI RESULT AND DISCUSSION .....</b>	<b>36</b>
6.1 System Testing .....	36
6.2 User's Feedback and System Updates .....	36
<b>CHAPTER VII CONCLUSION AND FUTURE WORK .....</b>	<b>42</b>
7.1 Conclusion .....	42
7.2 Future Works.....	42
<b>BIBLIOGRAPHY .....</b>	<b>43</b>