Table of Contents

ACKNOWLEDGEMENT	
ABSTRACTLIST OF FIGURES	
LIST OF TABLES	
ABBREVIATIONS	v
CHAPTER ONE: INTRODUCTION	1
1.1 Introduction	1
1.2 Background.	4
1.3 Problem Statement	4
1.4 Objectives	4
1.5 Responsibilities Assigned	5
1.6 Motivation	5
1.7 Report Organization.	5
CHAPTER TWO: LITERATURE REVIEWS	6
2.1 Literature Review	6
2.1.1 B2C e-Commerce Website Quality	6
2.1.2 ONLINE SHOPPING SYSTEM	6
2.1.3 E-Commerce and E-Marketing	7
2.1.5 Scope of E-Commerce in Nepal	7
CHAPTER THREE: SYSTEM ANALYSIS	8
3.1 System Requirements	8
3.1.1 Functional Requirements	8
3.1.2 Non-Functional Requirements	9
3.1.2.1 Interface	9
3.1.2.2 Performance	9
3.1.2.3 Scalability	9
3.1.2.4 Fault Tolerance	9
3.1.2.5 Interoperability	9
3.1.2.6 Usability	9
3.1.2.7 Maintainability	9
3.2 Feasibility Analysis	10

3.2.1 Technical Feasibility	10
3.2.2 Economic Feasibility	10
3.2.3 Legal Feasibility	10
3.2.4 Operational Feasibility	10
3.2.5 Schedule Feasibility	11
3.3 Data Model of the System	11
3.4 Process Model of the System	12
3.4.1 Context Diagram	12
3.4.2 DFD	13
3.4.2.1 DFD Level 0	13
3.4.2.2 DFD Level 1 of Process 2.0.	14
3.4.2.3 DFD Level 1 of Process 3.0.	15
3.4.2.4 DFD Level 1 of Process 4.0.	16
3.4.2.5 DFD Level 1 of Process 5.0.	17
CHAPTER FOUR: SYSTEM DESIGN	18
4.1 Architectural Design of system	18
4.2 Database Design	19
4.3 Process Design	20
CHAPTER FIVE: IMPLEMENTATION AND TESTI	NG22
5.1 Implementation	22
5.1.1 Front End Tools	22
5.1.1.1 HTML	22
5.1.1.2 CSS	22
5.1.1.3 jQuery	22
5.1.1.4 Bootstrap	22
5.1.2 Back End Tools	22
5.1.2.1 PHP	
5.1.2.2 MySQLi	22
5.2 Development Methodology	22
5.3 Testing.	23
5.3.1 Unit Testing.	23

5.3.2 Integration Testing.	24
5.3.3 User Acceptance Testing	24
CHAPTER SIX: CONCLUSION AND LESSION LEARNT	25
6.1 Conclusion	25
6.2 Lesson Learnt.	25
CHAPTER SEVEN: REFERNCES	26
APPENDIX	27
APPENDIX A: CODES	27
APPENDIX B: DEMONSTRATION	29