TABLE OF CONTENTS

Chapter No.		Title	Page No.
1		**Introduction**	
	1.1	**Project Summary**	**2**
	1.2	**Purpose**	**2**
	1.3	**Project Scope**	**2**
2		**Software Project management**	
	2.1	**Project Planning and Scheduling**	**5**
		2.1.1 Project Planning	5
		2.1.2 Project Scheduling	5
	2.2	**Project Development Approach**	**5**
	2.3	**Project Plan**	**8**
		2.3.1 Cost Estimation and COCOMO model	9
3		**SYSTEM REQUIREMENT STUDY**	
	3.1	**User Characteristics**	**14**
	3.2	**Hardware and Software Characteristics**	**14**
	3.3	**Constraints**	**15**

3.3.1 Regulatory Policies 15

3.3.2 Hardware Limitation 15

4 System Analysis

4.1 Study of Current System 17

4.2 Requirement of this System 17

4.2.1 Functional Requirement 17

4.2.2 Non-functional requirement 17

4.3 Feasibility Study 18

4.4 Requirement Validation 19

4.5 Function of the System 19

4.5.1 Use-Case 19

4.5.2 Sequence Diagram 21

4.5.3 Activity Diagram 22

4.6 Data Modeling 24

4.6.1 E-R Diagram 24

4.6.2 Class Diagram 25

4.6.3 Data Dictionary 26

4.7 Main modules of new system 27

4.8 Justification 27

5 System Design

5.1 Database design/database structure design 29

5.1.1 Mapping Object/Classes to Object 29

5.2 System procedural design 33

5.2.1 Design Pseudo code or algorithm for method or operation 33

5.2.2 Flow chart diagram 34

List of Figure

1	RAD Model	7
2	Use-case Diagram	20
3	Sequence Diagram	21
4	Activity Diagram – Authentication	22
5	Activity Diagram – User	23
6	ER Diagram	24
7	Class Diagram	25
8	Flow Diagram – Admin	34
9	Flow Diagram – User	35
10	Flow Diagram – Seller	36

List of Tables

1	Project plan	8
2	Pie Chart	8
3	Number of lines of code	11
4	Login/Register	26
5	Cart	26
6	Wishlist	26
7	Cart_order	29
8	Cart_order_item	30
9	Home_feedback	30
10	Cart_transaction	31
11	Product	31
12	Profile	32
13	Auth_user	32