**TABLE of CONTENT**

Title Fly i

Report Title ii

Letter of Transmittal iii

Letter of Authorization iv

Student Declaration v

Acknowledgement vi

Abstract vii

**Chapter 01: Organization Part 01**

1.1 Organizational Overview 02

1.2 The Vision 02

1.3 The Mission 03

1.4 My Position in this Company 03

1.5 Organizational structure & Team Structure 03

**Chapter 02: Project Introduction 04**

* 1. Introduction05
  2. Background Of Study 05

2. 3 Objectives 05

2. 3.1 Broad Objective 06

2. 3.2 Specific Objective 06

2.4 Proposed System 07

2.5 Methodology 07

2.5.1 Data Sources 07

2.6 Limitation of the Project 08

2.7 Process model 09

2.7.1 Features and Advantages of Extreme software model 10

2.8 Feasibility Study 11

2.8.1 Technical feasibility 11

2.8.2 Economical feasibility 11

2.8.3 Operational feasibility 11

**Chapter 03: Requirement Engineering 12**

3.1 Methodology 13

3.2 Requirement analysis 15

3.2.1 Hardware Requirement 15

3.2.2 Software Requirement 15

3.2.3 Software Requirement for client: 16

3.2.4 Functional Requirements: 16

3.3 Architectural Design 17

3.4 Interactive Diagram 18

3.5 Scopes 19

3.6 Function Point Estimation 20

3.6 Process Based Estimation 33

3.6.1 Process based estimation table: 33

3.6.2 Process based estimation pie chart: 33

3.6.3 Project Schedule chart 34

3.7 Cost Estimation 34

3.7.1 Personnel cost 34

3.7.2 Hardware cost 35

3.7.3 Software cost 35

3.7.3Other cost 35

3.8 Activity Diagram: 36

3.8.1 Activity Diagram: Login 36

3.8.2 Activity Diagram: Customer Registration 37

3.8.3 Activity Diagram: Update User 37

3.8.4 Activity Diagram: Delete User 38

3.8.5 Activity Diagram: Add products 38

3.8.6 Activity Diagram: Update products 39

3.8.7 Activity Diagram: Create Sales Order 39

3.8.8 Activity Diagram: Update Sales Order 40

3.8.9 Activity Diagram: Online Payment 40

**Chapter 04: Analysis and Design 41**

4.1 Class Diagrams 42

4.2 Entity Relationship Diagram(ERD) 49

ERD 52

4.3 Data Flow Diagram 53

**Chapter 05: Risk Engineering 61**

5.1 Risk Engineering 62

5.2 The RMMM Plan 63

**Chapter 06: Coding 66**

6.1 Algorithm 67

6.1.1 Login function: 67

6.2 Database Diagrams 69

6.3 User Interface 70

**Chapter 07: Quality Assurance 77**

7.1 System testing 78

7.2 Software Testing Strategy 79

7.3 System Testing Methodology 80

7.4 Testing Design 81

7.5 Quality Assurance Matrix 83

7.6 Things for Implementation 85

**Chapter 08: Conclusion 86**

8.1 Conclusion 87

**Bibliography** 88