



# Table of Content

Table of Content.....	II
List of Abbreviations .....	IV
List of Figures.....	V
List of Tables.....	VII
List of Syntax.....	VIII
Abstract.....	IX
Zusammenfassung.....	X
1. Introduction .....	1
1.1. Research Background.....	1
1.2. Problem Statement .....	3
1.3. Research Question .....	4
1.4. Research Objectives .....	4
1.5. Research Benefits.....	4
1.6. Research Scope.....	4
1.7. Systematic of Writing .....	4
1.8. Research Methodology .....	5
2. Conceptual Foundation of Inventory Management .....	8
2.1. Inventory Management.....	8
2.2. Inventory Turnover .....	11
2.3. Inventory Valuation .....	12
2.4. ABC Analysis .....	14
2.5. Economic Order Quantity .....	16
2.6. Safety Stock.....	18
2.7. Reorder Point.....	20



3. Data Collection and Design Dashboard for Inventory Management at Regional Hospital Bula .....	22
3.1. Data Collection.....	22
3.2. Data Preparation.....	23
3.3. Design Science Process .....	28
3.3.1. Identify Problem .....	33
3.3.2. Define Solution.....	40
3.3.3. Design Dashboard .....	49
3.3.4. Demonstration.....	57
3.3.5. Evaluation .....	62
3.4. Recommendation for Regional Hospital Bula .....	63
4. Conclusion .....	65
4.1. Conclusion .....	65
4.2. Limitations.....	66
4.3. Future Research Direction .....	66
Bibliography .....	68
Appendix .....	72
Declaration.....	78