

**Analyzing the Business Process of a Manufacturing Company
And
Implementing Open Source ERP (Enterprise Resource Planning),
Compiere**

By

Rheza Gunawan Budiono
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SWISS GERMAN UNIVERSITY
Campus German Centre
Bumi Serpong Damai – 15321
Island of Java, Indonesia
www.sgu.ac.id

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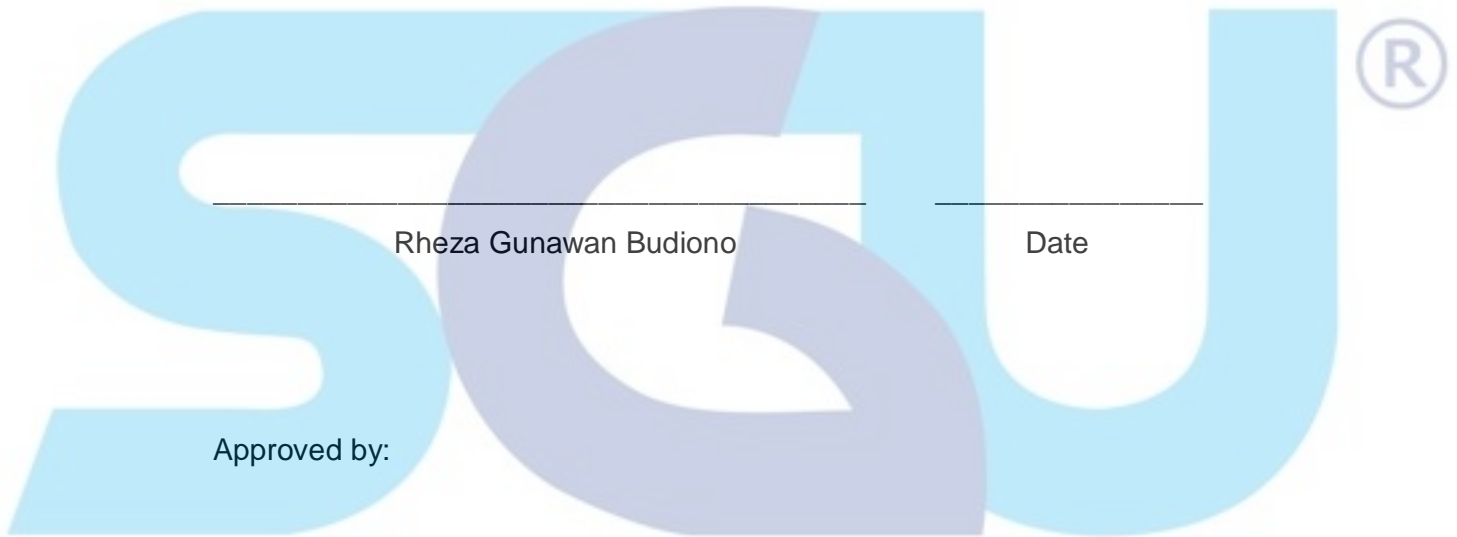
Revision after the thesis defense on 12 August 2008

STATEMENT BY THE AUTHOR

I hereby declare that this submission is my own work and to the best of my knowledge, it contains no material previously published or written by another person, not material which to a substantial extent has been accepted for the award of may other degree or diploma at any educational institution, except where due acknowledgement is made in the thesis.

Rheza Gunawan Budiono Date

Approved by:



James Purnama, MSc Date



Chairman of the Examination Steering Committee

Date

Rheza Gunawan Budiono

ABSTRACT

ANALYZING THE BUSINESS PROCESS OF A MANUFACTURING
COMPANY AND IMPLEMENTING OPEN SOURCE ERP (ENTERPRISE
RESOURCE PLANNING), COMPIERE

By

Rheza Gunawan Budiono

SWISS GERMAN UNIVERSITY

Bumi Serpong Damai

James Purnama, main advisor

Many technical errors occur in manufacturing company until impede company' performance. Using ERP (Enterprise Resource Planning), it will solve the technical problems, however, the higher price of proprietary ERP become constraints for using it. Currently, only large scaled companies which have the budget for implementing and using the proprietary ERP. For this reason, the emergence of "Open Source" ERP might give opportunities for small to medium scaled companies to implement ERP within reasonable and affordable prices. One of the examples of Open source ERP is called "Compiere". Compiere is one of the Open Source ERP licensed under GNU/GPL. Thus, Compiere can be easily modified to suit the company's requirement without infringing any legal matters.

The aim objectives for implementing open source ERP is to increasing business efficiency for medium scaled manufacturing company within affordable budget. By ERP, it will help to reduce operational cost and improving employee disciplinary

DEDICATION

Most important at all, my grateful thank to the Almighty God for giving me the courage during my hardest time in life until I can finally finish this thesis.

I dedicate this thesis to my parents and my family. Without their support, the completion of this thesis will be impossible.

To all of my classmates and lecturers especially Mr. James Purnama who have given me the best four-year time in my life. Thank you for all the support and precious moments that we have shared.

I also would like to dedicate this thesis to IGOS (Indonesia Go Open Source) who have a great vision to make open source as the ideal type of computer program in Indonesia.



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TABLE OF CONTENTS

STATEMENT BY THE AUTHOR	2
ABSTRACT	3
DEDICATION	4
ACKNOWLEDGMENTS	5
CHAPTER 1 – INTRODUCTION	8
1.1 Background.....	8
1.2 Objectives	8
1.3 Scope.....	8
1.4 Research Limitation	8
1.5 Significance of study.....	8
1.6 Methodology	8
CHAPTER 2 – LITERATURE REVIEW	8
2.1 Iterative Development.....	8
2.2 ERP (Enterprise Resource Planning).....	8
2.3 Business Process	8
2.4 Compiere ERP (Enterprise Resource Planning)	8
2.4.1 Order management and Billing.....	8
2.4.2 Material management.....	8
2.4.3 Purchasing	8
2.4.4 Financial management.....	8
2.5 Oracle XE (Open Source Oracle Database)	8
2.6 Relational DBMS (Data Base Management System).....	8
2.7 Open Source.....	8
CHAPTER 3 – ANALYSIS AND DESIGN.....	8
3.1 Preliminary Investigation.....	8
3.1.1 Sales Order	8
3.1.2 Physical Inventory	8
3.1.3 Discount Percentage.....	8
3.1.4 Software Fraud.....	8
3.1.5 Reporting.....	8
3.1.6 Security	8
3.1.7 Cost.....	8
3.1.8 Human Resources.....	8
3.2 System Analysis	8
3.2.1 Problem in Current Business Process.....	8
3.2.2 Requirement Analysis	8
3.2.3 Obstacle Analysis.....	8
3.2.4 Current Business Process Diagram	8
3.2.5 Requirement Analysis	8
3.2.6 Decision Analysis	8
3.3 System Design.....	8
3.3.1 New Business Process.....	8
3.3.2 Role Access Diagram.....	8
3.3.3 Role Access	8

3.3.4	Use Case Diagram.....	8
3.3.5	Activity Diagram.....	8
3.3.6	Sequence Diagram.....	8
3.3.7	Role Position Diagram.....	8
3.4	System Design.....	8
3.4.1	Database Design.....	8
3.4.2	Entity Relationship Diagram.....	8
3.5	System Implementation.....	8
3.5.1	Instrumentation.....	8
3.5.2	Hardware.....	8
3.5.3	Installation.....	8
	CHAPTER 4 – RESULT & DISCUSSION.....	8
4.1	Software Result Implementation.....	8
4.1.1	Order Management.....	8
4.1.2	Purchasing Management.....	8
4.1.3	Material Management.....	8
4.1.4	Human Resource Management.....	8
4.1.5	Financing Management.....	8
4.2	Final Result.....	8
	CHAPTER 5 – CONCLUSION AND RECOMMENDATION.....	8
5.1	Conclusion.....	8
5.2	Recommendation.....	8
	GLOSSARY.....	8
	REFERENCES.....	8
	APPENDICES.....	8
	CURRICULUM VITAE.....	8

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