

## TABLE OF CONTENTS

ABSTRACT.....	ii
<i>ABSTRAK</i> .....	iii
APPROVAL SHEET .....	iv
INTELLECTUAL PROPERTY STATEMENT FORM .....	v
PREFACE .....	vi
DEDICATION SHEET.....	vii
TABLE OF CONTENTS.....	viii
TABLE OF FIGURES .....	xii
TABLE OF TABLES.....	xiv
TABLE OF APPENDIX.....	xvi
TABLE OF TERMS .....	xvii
CHAPTER I INTRODUCTION .....	1
I.1    Background .....	1
I.2    Problem Statement .....	7
I.3    Research Objective.....	7
I.4    Research Scopes .....	8
I.5    Research Benefits .....	8
I.6    Report Writing Systematics.....	9
CHAPTER II LITERATURE REVIEW.....	11
II.1    Literatur Study.....	11
II.1.1    Implementasi Free Open-Source Enterprise Resource Planning (ERP) Odoo Studi Kasus PMB STMIK Bandung.....	11
II.1.2    Model Customer Relationship Management (CRM) Di Institusi Pendidikan .....	11

II.1.3	Perancangan ERP (Enterprise Resource Planning) Untuk Pendidikan Tinggi Berbasis CRM (Customer Relationship Management).	12
II.1.4	Implementasi Customer Relationship Management Dalam Meningkatkan Keunggulan Bersaing Perguruan Tinggi .....	13
II.1.5	Pengembangan Manajemen Proyek Pembelajaran Berbasis ICT Menggunakan Metode Accelerated SAP Pada Odoo ERP.....	13
II.1.6	Pengelolaan Alumni Universitas Gadjah Mada (UGM) Dalam Perspektif Konsep Customer Relationship Management (CRM).....	14
II.1.7	Struktural Analisis Model Proses Pembelajaran Dengan Pendekatan Kepuasan Lulusan Studi Kasus Pada Tracer Study Program Studi Administrasi.....	15
II.1.8	The Use of Tracer Study in Improving Undergraduate Programs in The University .....	16
II.1.9	Comparative Research .....	17
II.2	Information System .....	21
II.3	Enterprise Resource Planning .....	22
II.3.1	Definition of ERP.....	22
II.3.2	Benefits of ERP.....	23
II.3.3	ERP Modules .....	23
II.4	Odoo .....	24
II.4.1	Definition of Odoo .....	24
II.4.2	Odoo CRM.....	24
II.5	Customer Relationship Management (CRM).....	25
II.5.1	CRM Components.....	26
II.6	Blueprint.....	27
II.7	Business Process Modelling Notation.....	28
II.8	Unified Modeling Language .....	29

II.8.1	Use Case Diagram.....	30
II.8.2	Use Case Scenario.....	31
II.8.3	Activity Diagram.....	31
II.9	Accelerated SAP (ASAP).....	33
II.9.1	Comparison of The ASAP Method.....	34
II.10	Gap & Fit Analysis .....	36
II.11	Higher Education .....	36
II.12	Tracer Study.....	37
CHAPTER III	RESEARCH METHODOLOGY .....	38
III.1	Conceptual Model .....	38
III.2	Research Systematics .....	39
III.3	Project Preparation .....	39
III.4	Business Blueprint.....	39
CHAPTER IV	BLUEPRINT ANALYSIS .....	41
IV.1	Telkom University.....	41
IV.1.1	Telkom University Profile.....	41
IV.1.2	Vision and Mission of Telkom University.....	42
IV.1.3	Location.....	42
IV.1.4	Organizational Structure .....	43
IV.1.5	Directorate of Career Development, Alumni and Endowment.....	43
IV.2	Project Preparation .....	44
IV.3	Business Blueprint Stage.....	46
IV.3.1	Existing Analysis (as-is) .....	46
IV.3.2	Proposed Analysis (to-be).....	56
IV.3.3	Gap and Fit Analysis.....	75
IV.3.4	Tracer Study Business Process Analysis .....	77

IV.3.5	Business Requirements System .....	78
IV.3.6	Software Requirements Specification .....	84
IV.3.7	Integration of Tracer Study and Admission Telkom University .....	111
CHAPTER V EVALUATION.....		113
V.1	Focus Group Discussion.....	113
V.1.1	Overall Research Design.....	114
V.1.2	Overall Design Improvements .....	115
V.1.3	Suitability of Organizational Structure .....	115
V.1.4	Designing the survey tracer study process .....	115
V.1.5	Odoo implementation plan.....	115
V.2	Analysis and Recommendations .....	116
V.2.1	Analysis.....	116
V.2.2	Recommendations .....	121
V.2.1	Validation of Design Results .....	121
CHAPTER VI CONCLUSION AND SUGGESTION.....		123
VI.1	Conclusion.....	123
VI.2	Suggestion .....	123
BIBLIOGRAPHY .....		125
APPENDIX.....		130