

## DAFTAR ISI

LEMBAR PENGESAHAN .....	ii
PERNYATAAN.....	iii
ABSTRACT.....	iv
ABSTRAK.....	v
KATA PENGANTAR .....	vi
DAFTAR ISI.....	viii
DAFTAR TABEL.....	xi
DAFTAR GAMBAR .....	xiv
BAB I.....	1
1.1. Latar Belakang Penelitian.....	1
1.2. Identifikasi dan Rumusan Masalah.....	4
1.2.1. Identifikasi Masalah.....	4
1.2.2. Rumusan Masalah.....	4
1.3. Tujuan Penelitian.....	5
1.4. Pembatasan Masalah.....	5
1.5. Kegunaan Penelitian .....	6
1.5.1. Kegunaan Pengembangan Ilmu .....	6
1.5.2. Kegunaan Operasional.....	7
1.5.3. Kegunaan Sustainable Development Goals (SDGs).....	7
1.6. Sistematisasi Penulisan.....	7
BAB II.....	10
2.1. Kajian Pustaka .....	10
2.1.1. Sistem Informasi.....	10
2.1.2. Audit TI .....	10
2.1.3. Skala Guttman .....	19
2.1.4. <i>Cloud Computing</i> .....	20

2.1.5. <i>DevOps CI/CD</i> .....	24
2.1.6. Penelitian Terdahulu .....	26
2.2. Kerangka Pemikiran .....	27
BAB III .....	30
3.1. Metode dan Alur Pembahasan .....	30
3.2. Lokasi dan Waktu Penelitian .....	31
3.3. Obyek Penelitian.....	34
3.4. Teknik Pengumpulan Data .....	38
BAB IV .....	39
4.1 Tahap Identifikasi .....	39
4.1.1 Identifikasi Enterprise Goals .....	39
4.1.2 Identifikasi Alignment Goals.....	40
4.1.3 Identifikasi Governance and Management Objective (GMO).....	42
4.2 Tahapan Menentukan Objektif Proses (Design Factor).....	45
4.2.1 Design Factor 1 : Enterprise Strategy .....	46
4.2.2 Design Factor 2 : Enterprise Goals .....	46
4.2.3 Design Factor 3: Risk Profile .....	48
4.2.4 Design Factor 4: IT Related Issues .....	49
4.2.5 Design Factor 5: Threat Landscape .....	51
4.2.6 Design Factor 6: Compliance Requirement.....	52
4.2.7 Design Factor 7: Role of IT .....	54
4.2.8 Design Factor 8: Sourcing Model of IT.....	55
4.2.9 Design Factor 9: IT Implementation Methods.....	56
4.2.10 Design Factor 10: Technology Adoption Strategy.....	57
4.2.11 Design Factor 11: Enterprise Size .....	58
4.3 IT Governance Design Result.....	59
4.4 Identifikasi Control Objectives.....	62
4.4.1 APO03 – Managed Enterprise Architecture .....	62
4.4.2 APO04 – Managed Innovation .....	62
4.4.3 BAI07 – Managed IT Change Acceptance and Transitioning.....	63
4.4.4 BAI08 – Managed Knowledge .....	63

4.4.5 DSS03 – Managed Problems .....	64
4.5 Analisis Aktifitas Capability Levels.....	64
4.5.1 APO03 – Managed Enterprise Architecture .....	66
4.5.2 APO04 – Managed Innovation .....	73
4.5.3 BAI07 – Managed IT Change Acceptance and Transitioning.....	81
4.5.4 BAI08 – Managed Knowledge .....	87
4.5.5 DSS03 – Managed Problems .....	95
4.5.6 Kesimpulan Hasil Capability Level Objektif Saat Ini (as-is) .....	103
4.6 Analisis Tingkat Kemampuan Saat Ini (as-is).....	104
4.7 Analisis Tingkat Kemampuan yang diharapkan (to-be).....	110
4.8 Analisis Kesenjangan ( <i>Gap</i> ) <i>Capability Level</i> Objektif .....	111
4.9 Hasil dan Rekomendasi Audit .....	112
BAB V.....	124
5.1. Kesimpulan .....	124
5.2. Saran .....	125
DAFTAR PUSTAKA .....	127
LAMPIRAN.....	131