DAFTAR ISI

LEMBAR PENGESAHAN i
LEMBAR PERNYATAAN ORISINALITAS ii
KATA PENGANTAR iii
DAFTAR ISI iv
DAFTAR GAMBAR viii
DAFTAR TABLE ix
DAFTAR LAMPIRAN xi
DAFTAR ISTILAH xii
BAB I Pendahuluan 1
I.1 Latar Belakang 1
I.2 Perumusan Masalah 3
I.3 Tujuan Penelitian 3
I.4 Batasan Penelitian 3
I.5 Manfaat Penelitian 4
BAB II Tinjauan Pustaka 5
II.1 Teknologi Informasi 5
II.1.1 Tata Kelola Teknologi Informasi 6
II.2 Konsep Risiko TI dan Manajemen Risiko TI 6
II.2.1 Kerangka Kerja Tata Kelola Teknologi Informasi 7
II.2.2 Konsep Risiko TI dan Manajemen Risiko TI 8
II.3 Metode Manajemen Risiko 9
II.3.1 Identifikasi Risiko (*Risk Identification*) 9
II.3.2 Analisis Risiko (*Risk Analyze*) 9
II.3.3 Prioritas Risiko (*Risk Prioritaze*) 10

II.3.4 Merespond Risiko (*Risk Response*) 10
II.3.5 Memantau Risiko (*Risk Monitoring*) 10
II.4 COBIT 2019 Implementation Guide 10
II.5 Alasan Pemilihan Kerangka Kerja 12
II.6 Penelitian Terdahulu 12
BAB III Metodologi Penelitian 16
III.1 Kerangka Berpikir 16
III.2 Sistematik Penyelesaian Masalah 18
III.3 Pengumpulan Data 20
III.4 Alasan Pemilihan Metode 21
III.5 Tujuh Penilaian Komponen Kemampuan 21
III.6 Roadmap Implementasi 23
III.7 Rekomendasi Perbaikan 23
BAB IV PENGUMPULAN DATA 24
IV.1 Profil Perusahaan 24
IV.1.1 Visi 25
IV.1.2 Misi 25
IV.1.3 Struktur Organsiasi 25
IV.1.4 Kebutuhan Data 26
IV.1.5 Teknik Pengumpulan Data 27
IV.2 Kriteria Risiko 27
IV.2.1 Kriteria Kemungkinan Risiko 28
IV.2.2 Kriteria Dampak Risiko 28
IV.2.3 Matriks Risiko 29
IV.2.4 Prioritas Risiko 30
IV.3 *Phase 1 : What Are the Drive* 31

IV.3.1 IT Pain Point 31

IV.4 *Phase 2 : Where Are We Now* 31

IV.4.1 Capabilities Risk Management Assesment 32

IV.4.2 Capabilities Risk Management Assesment Component : Process DSS01 33

IV.4.3 Capabilities Risk Management Assesment Component : Process DSS04 35

IV.4.4 Capabilities Risk Management Assesment Component : Process DSS06 42

IV.4.5 Capabilities Risk Management Assesment Component : Organizational Structure 48

IV.4.6 Capabilities Risk Management Assesment Component : Information Flow and Items 48

IV.4.7 Capabilities Risk Management Assesment Component : Principles, Policies and Procedure 49

IV.4.8 Capabilities Risk Management Assesment Component : Services, Infrastrcuture and Application 50

IV.4.9 Capabilities Risk Management Assesment Component : People, Skills and Competencies 50

BAB V HASIL DAN ANALISIS 51

V.1 *Phase 3 : Where Do We Want To Be* 51

V.1.1 Capabilities Risk Management Assesment DSS06 51

V.2 Analisis GAP 52

V.3 *Potential Improvement* 59

V.3.1 Component : Process 59

V.3.2 Component : Organizational Structures 60

V.3.3 Component : Information Flow and Items 60

V.3.4 Component : Principles, Policies and Procedures 61

V.3.5 Component : Services, Infrastructure and Applications 62
V.3.6 Component : People, Skills and Competencies. 63
V.4 *Phase 4 : How do we get there* 64
V.4.1 Roll Out Solution 64
BAB VI Kesimpulan dan saran 72
VI.1 Kesimpulan 72
VI.2 Saran 73
DAFTAR PUSTAKA 74
LAMPIRAN 76