

DAFTAR ISI

HALAMAN SAMPUL.....	i
HALAMAN JUDUL.....	ii
HALAMAN PERSETUJUAN.....	iii
HALAMAN PENGESAHAN.....	iv
HALAMAN SURAT PERNYATAAN KEASLIAN PENELITIAN.....	v
HALAMAN MOTTO	vi
HALAMAN PERSEMBAHAN	vii
KATA PENGANTAR	viii
DAFTAR ISI.....	x
DAFTAR TABEL.....	xii
DAFTAR GAMBAR	xiv
DAFTAR LAMPIRAN.....	xv
RINGKASAN	xvi
<i>ABSTRACT</i>	xvii
BAB I PENDAHULUAN	
A. Latar Belakang Masalah	1
B. Rumusan Masalah	7
C. Batasan Penelitian	8
D. Tujuan Penelitian.....	8
E. Manfaat Penelitian.....	8
1. Manfaat Teoritik.....	8
2. Manfaat Aplikatif	9
BAB II TINJAUAN PUSTAKA	
A. Landasan Teori	10
1. Konsep Manajemen Risiko.....	10
2. Konsep Sistem Informasi	16
3. Metode Penilaian Risiko.....	21
4. Metode OCTAVE.....	26

B. Hasil Penelitian Sebelumnya	37
BAB III METODE PENELITIAN	
A. Waktu dan Tempat Penelitian	45
B. Alat dan Bahan Penelitian	45
C. Metode Pengumpulan Data	46
1. Metode Wawancara	46
2. Metode Observasi	47
3. Metode Studi Pustaka	47
4. Metode Dokumentasi	48
D. Konsep Penelitian	49
BAB IV HASIL DAN PEMBAHASAN	
A. Hasil Analisis Risiko Menggunakan Metode OCTAVE Allegro	54
1. Fase 1 <i>Establish Drivers</i>	54
2. Fase 2 <i>Profile Assets</i>	60
3. Fase 3 <i>Identify Threats</i>	66
4. Fase 4 <i>Identify and Mitigate Risks</i>	77
BAB V KESIMPULAN	
A. Kesimpulan	103
B. Saran	103
DAFTAR PUSTAKA	
LAMPIRAN	

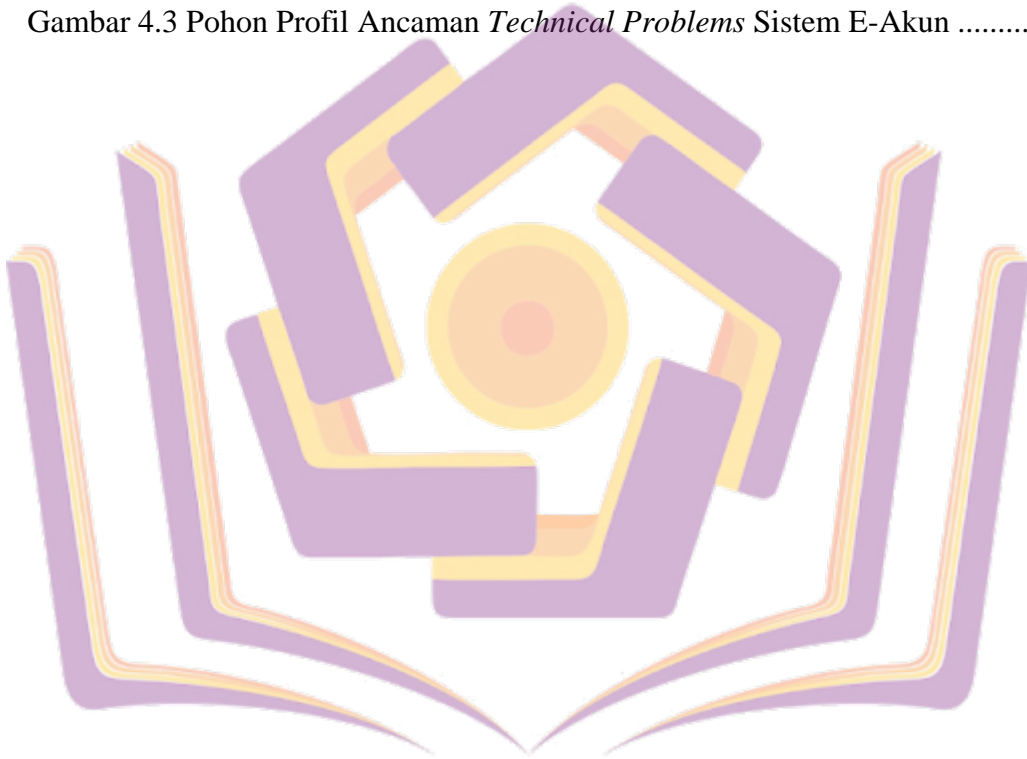
DAFTAR TABEL

Tabel 2.1 Deskripsi Nilai dan Tingkat Risiko.....	14
Tabel 2.2 Definisi Status <i>Stoplight</i>	15
Tabel 2.3 Perbandingan Metode Penilaian Risiko	25
Tabel 2.4 Perbedaan Metode OCTAVE, OCTAVE-S dan OCTAVE Allegro.....	28
Tabel 2.5 Relative Risk Matrix	35
Tabel 2.6 Pendekatan Mitigasi	35
Tabel 2.7 Perbandingan Penelitian Terdahulu	40
Tabel 4.1 <i>Allegro Worksheet 1, Risk Measurement Criteria – Reputation and Customer Confidence</i>	55
Tabel 4.2 <i>Allegro Worksheet 2, Risk Measurement Criteria – Financial</i>	56
Tabel 4.3 <i>Allegro Worksheet 3, Risk Measurement Criteria – Productivity</i>	57
Tabel 4.4 <i>Allegro Worksheet 4, Risk Measurement Criteria – Safety and Health</i>	58
Tabel 4.5 <i>Allegro Worksheet 5, Risk Measurement Criteria – Fines and Legal Penalties</i>	59
Tabel 4.6 <i>Allegro Worksheet 7, Impact Area Prioritization Worksheet</i>	59
Tabel 4.7 <i>List Kepemilikan Aset Kritis pada DINKOMINFO Purbalingga</i>	61
Tabel 4.8 <i>Allegro Worksheet 8, Critical Information Asset Profile</i>	62
Tabel 4.9 <i>Allegro Worksheet 9a, Information Asset Risk Environment Map (Technical)</i>	64
Tabel 4.10 <i>Allegro Worksheet 9b, Information Aset Risk Environment Map (Physical)</i>	65
Tabel 4.11 <i>Allegro Worksheet 9c, Information Aset Risk Environment Map (People)</i>	66
Tabel 4.12 <i>Areas of Concern</i>	67
Tabel 4.13 <i>Allegro Worksheet 10, Information Asset Risk Worksheet Properties of Threat – Skenario 1</i>	68
Tabel 4.14 <i>Allegro Worksheet 10, Information Asset Risk Worksheet</i>	

<i>Properties of Threat – Skenario 2</i>	69
<i>Tabel 4.15 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Properties of Threat – Skenario 3</i>	70
<i>Tabel 4.16 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Properties of Threat – Skenario 4</i>	71
<i>Tabel 4.17 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Identify Risk – Skenario 1</i>	77
<i>Tabel 4.18 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Identify Risk – Skenario 2</i>	79
<i>Tabel 4.19 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Identify Risk – Skenario 3</i>	81
<i>Tabel 4.20 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Identify Risk – Skenario 4</i>	82
<i>Tabel 4.21 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Analyze Risk – Skenario 1</i>	84
<i>Tabel 4.22 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Analyze Risk – Skenario 2</i>	86
<i>Tabel 4.23 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Analyze Risk – Skenario 3</i>	88
<i>Tabel 4.24 Allegro Worksheet 10, Information Asset Risk Worksheet</i>	
<i>Analyze Risk – Skenario 4</i>	90
<i>Tabel 4.25 Relative Risk Matrix</i>	
<i>Tabel 4.26 Mitigation Approach</i>	
<i>Tabel 4.27 Allegro Worksheet 10, Information Asset Risk Worksheet –</i>	
<i>Skenario 1</i>	94
<i>Tabel 4.28 Allegro Worksheet 10, Information Asset Risk Worksheet –</i>	
<i>Skenario 2</i>	97
<i>Tabel 4.29 Allegro Worksheet 10, Information Asset Risk Worksheet –</i>	
<i>Skenario 3</i>	99
<i>Tabel 4.30 Allegro Worksheet 10, Information Asset Risk Worksheet –</i>	
<i>Skenario 4</i>	101

DAFTAR GAMBAR

Gambar 2.1 Fase OCTAVE Allegro	30
Gambar 2.2 Diagram Pohon Profil Ancaman	33
Gambar 3.1 Konsep Penelitian.....	49
Gambar 4.1 Pohon Profil Ancaman <i>Human Actors Using Technical Means</i> Sistem E-Akun	73
Gambar 4.2 Pohon Profil Ancaman <i>Human Actors Using Physical Means</i> Sistem E-Akun	74
Gambar 4.3 Pohon Profil Ancaman <i>Technical Problems</i> Sistem E-Akun	75



DAFTAR LAMPIRAN

Lampiran 1. Daftar Wawancara

Lampiran 2. Dokumentasi

Lampiran 3. Lembar Kerja Octave Allegro

Lampiran 4. Data Karyawan Dinkominfo Purbalingga

Lampiran 5. Data E-Presensi Karyawan Dinkominfo

Lampiran 6. Data Arsip Surat Masuk & Surat Keluar Dinkominfo Purbalingga

Lampiran 7. Form Permohonan Permintaan Informasi Dinkominfo Purbalingga

Lampiran 8. Kartu Bimbingan Skripsi

Lampiran 9. Surat Izin Penelitian

Lampiran 10. SOP Dinas Komunikasi Dan Informatika Kabupaten Purbalingga

