

DAFTAR ISI

HALAMAN PENGESAHAN.....	i
HALAMAN PERNYATAAN	ii
HALAMAN PENGESAHAN.....	iii
KATA PENGANTAR.....	iv
HALAMAN PERNYATAAN PERSETUJUAN AKADEMIS.....	vi
ABSTRAK	vii
ABSTRACT	viii
DAFTAR ISI.....	ix
DAFTAR TABEL	xiii
DAFTAR GAMBAR	xvii
BAB I PENDAHULUAN	1
I.1 Gambaran Umum Objek Penelitian.....	1
I.2 Latar Belakang Penelitian.....	5
I.3 Perumusan Masalah.....	18
I.4 Tujuan Penelitian.....	18
I.5 Manfaat Penelitian.....	19
I.6 Batasan Masalah.....	21
I.7 Sistematika Penulisan.....	21
BAB II TINJAUAN PUSTAKA DAN LINGKUP PENELITIAN	23
II.1 Tinjauan Pustaka Penelitian.....	23
II.1.1 Rantai Pasok.....	23
II.1.2 Manajemen Rantai Pasok.....	25
II.1.3 Manajemen Risiko Rantai Pasok.....	27
II.1.4 Mitigasi Risiko	29
II.1.5 <i>Supply Chain Operation Reference (SCOR)</i>	30
II.1.6 <i>House of Risk (HoR)</i>	32
II.1.7 <i>Smart Supply Chain</i>	36
II.1.8 <i>Internet of Things</i>	38

II.1.9 Sistem Informasi Manajemen.....	39
II.1.10 <i>E-Procurement</i>	41
II.1.11 <i>Barcode</i>	42
II.1.12 <i>Global Positioning System (GPS)</i>	43
II.1.13 <i>System Usability Scale (SUS)</i>	44
II.2 Penelitian Terdahulu.....	47
II.3 Kerangka Pemikiran.....	62
II.5 Ruang Lingkup Penelitian.....	63
II.5.1 Lokasi dan Objek Penelitian	63
II.5.2 Waktu dan Periode Penelitian	63
II.5.3 Keterkaitan Penelitian dengan <i>Sustainable Development Goal's</i>	63
BAB III METODE PENELITIAN.....	65
III.1 Jenis Penelitian	65
III.1.1 Karakteristik Penelitian Berdasarkan Metode	66
III.1.2 Karakteristik Penelitian Berdasarkan Keterlibatan Peneliti.....	66
III.1.3 Karakteristik Penelitian Berdasarkan Unit Analisis	67
III.1.4 Karakteristik Penelitian Berdasarkan Pengambilan Data	67
III.1.5 Karakteristik Penelitian Berdasarkan Waktu Pelaksanaan	68
III.2 Operasional Variabel	68
III.3 Sumber Data	72
III.4 Sistematika Penelitian.....	72
BAB IV PENGUMPULAN DAN PENGOLAHAN DATA	78
IV.1 Pengumpulan Data	78
IV.1.1 Profil Objek Penelitian	78
IV.1.2 Karakteristik Responden.....	79

IV.1.3 Identifikasi Risiko.....	81
IV.1.4 Validasi Data	83
IV.2 Pengolahan Data.....	87
IV.2.1 House of Risk Fase 1	87
IV.2.1.1 Penilaian <i>Risk Event</i> (Nilai <i>Severity</i>)	87
IV.2.1.2 Penilaian <i>Risk Agent</i> (Nilai <i>Occurrence</i>).....	89
IV.2.1.3 Penilaian Korelasi antara <i>Risk Event</i> dan <i>Risk Agent</i>	90
IV.2.1.4 Perhitungan Nilai <i>Aggregate Risk Potential</i> (ARP).....	91
IV.2.1.5 Rekapitulasi Hasil Evaluasi Risiko	92
IV.2.2 House of Risk Fase 2	96
IV.2.2.1 Rancangan <i>Proactive Action</i> (PA)	96
IV.2.2.2 Penilaian Korelasi <i>Risk Agent</i> Prioritas dan <i>Proactive Action</i> ...	106
IV.2.2.3 Penilaian <i>Degree of Difficulty</i> (Dk)	107
IV.2.2.4 Perhitungan Nilai <i>Effectiveness to Difficulty of Ratio</i> (ETDk) ..	108
IV.2.2.5 Rekapitulasi Hasil Evaluasi <i>Proactive Action</i> (PA).....	109
IV.2.3 Rancangan Penerapan <i>Smart Supply Chain</i>	111
IV.2.3.1 Bisnis Proses Eksisting	113
IV.2.3.2 Bisnis Proses Usulan	115
IV.2.3.3 Identifikasi <i>Stakeholder</i>	121
IV.2.3.2 <i>Stakeholder Requirement</i>	122
IV.2.3.3 Penerapan <i>Smart Supply Chain</i>	124
IV.2.4 Desain Sistem	129
IV.2.4.1 <i>Use Case Diagram</i>	129
IV.2.4.2 <i>Activity Diagram</i>	140
IV.2.4.3 <i>Entity Relationship Diagram</i>	197

IV.2.4.4 <i>Sequence Diagram</i>	199
IV.2.4.5 Rancangan <i>Mockup</i>	247
IV.2.5.6 Verifikasi Rancangan <i>Mockup</i>	290
IV.2.6 <i>User Interface Website AgriKu</i>	293
IV.2.7 Verifikasi Sistem <i>Website AgriKu</i>	350
IV.2.8 Validasi	358
IV.2.9 <i>Security System Website AgriKu</i>	363
IV.2.10 Implementasi Sistem.....	365
BAB V KESIMPULAN DAN SARAN.....	369
V.1 Kesimpulan	369
V.2 Saran	371
DAFTAR PUSTAKA	373
LAMPIRAN	391