

DAFTAR ISI

HALAMAN PERNYATAAN KEASLIAN	ii
HALAMAN PENGESAHAN TUGAS AKHIR	iii
HALAMAN PERSETUJUAN PUBLIKASI KARYA ILMIAH	iv
KATA PENGANTAR	vi
ABSTRAK	viii
DAFTAR ISI	x
DAFTAR TABEL	xiv
DAFTAR GAMBAR	xiv
DAFTAR SIMBOL	xiv
BAB I PENDAHULUAN	1
1.1 Latar Belakang	1
1.2 Identifikasi Masalah	2
1.3 Tujuan Tugas Akhir	3
1.4 Manfaat Tugas Akhir	3
1.5 Lingkup Tugas Akhir	3
1.6 Kerangka Berpikir Penelitian	4
1.7 Sistematika Penulisan Tugas Akhir	6
BAB II TINJAUAN PUSTAKA	8
2.1 Definisi Aplikasi	8
2.2 Definsi Website	8
2.3 Definisi Program Kemitraan	9
2.4 Definisi RKA (Rencana Kerja Anggaran)	10
2.5 Analisis SWOT	10
2.6 Paradigma <i>Waterfall</i>	12
2.7 Pemodelan Diagram	14
2.7.1 Diagram UML (<i>Unified Modeling Language</i>)	14
2.7.1.1 <i>Use Case Diagram</i>	14
2.7.1.2 <i>Class Diagram</i>	15

2.7.1.3	<i>Activity Diagram</i>	16
2.7.1.4	<i>Sequence Diagram</i>	17
2.7.1.5	<i>Deployment Diagram</i>	18
2.7.2	<i>Diagram Fishbone</i>	18
2.8	Bahasa Pemograman	19
2.8.1	<i>HTML</i>	19
2.8.2	<i>PHP</i>	19
2.8.3	<i>CSS</i>	20
2.8.4	<i>MySQL</i>	20
2.9	<i>Framework</i>	20
2.10	<i>CodeIgniter</i>	20
2.10.1	<i>MVC</i>	20
2.10.2	Kelebihan <i>CodeIgniter</i>	21
2.11	Metode Pengujian Sistem	22
2.11.1	Definisi <i>Testing</i>	22
2.11.2	Metode Pengujian	22
BAB III	METODE	23
3.1	Rencana Penelitian	23
3.2	Obyek Penelitian	24
3.3	Teknik Pengumpulan Data	26
3.3.1	Survey	26
3.3.2	Studi Pustaka	26
BAB IV	HASIL DAN PEMBAHASAN	28
4.1	Data Hasil Penelitian	28
4.2	Pembahasan Hasil Penelitian	29
4.2.1	Analisis Kebutuhan Sistem	31
4.2.2	Desain Perancangan Sistem	33
4.2.2.1	Diagram UML (<i>Unified Modelling Language</i>)	33
4.2.2.1.1	<i>Use Case Diagram</i>	34
4.2.2.1.1.1	<i>Use Case Description</i>	34
4.2.2.1.2	<i>Class Diagram</i>	42
4.2.2.1.3	<i>Activity Diagram</i>	44

4.2.2.1.3.1	<i>Activity Diagram</i> Sekertariat	44
4.2.2.1.3.1.1	<i>Activity Diagram</i> Sekertariat – <i>Login</i>	44
4.2.2.1.3.1.2	<i>Activity Diagram</i> Sekertariat – RKA	45
4.2.2.1.3.1.3	<i>Activity Diagram</i> Sekertariat – Mitra Binaan	46
4.2.2.1.3.1.3.1	<i>Activity Diagram</i> Sekertariat – Registrasi Biodata	46
4.2.2.1.3.1.3.2	<i>Activity Diagram</i> Sekertariat – Registrasi Usaha	47
4.2.2.1.3.1.3.3	<i>Activity Diagram</i> Sekertariat – Plotting Biodata Usaha	48
4.2.2.1.3.1.4	<i>Activity Diagram</i> Sekertariat – <i>Logout</i>	49
4.2.2.1.3.2	<i>Activity Diagram</i> Evaluator	50
4.2.2.1.3.2.1	<i>Activity Diagram</i> Evaluator – <i>Login</i>	50
4.2.2.1.3.2.2	<i>Activity Diagram</i> Evaluator – Evaluasi Proposal	51
4.2.2.1.3.2.3	<i>Activity Diagram</i> Evaluator – <i>Logout</i>	52
4.2.2.1.3.3	<i>Activity Diagram</i> Surveyor	53
4.2.2.1.3.3.1	<i>Activity Diagram</i> Surveyor – <i>Login</i>	53
4.2.2.1.3.3.2	<i>Activity Diagram</i> Surveyor – Survey Lapangan	54
4.2.2.1.3.3.3	<i>Activity Diagram</i> Surveyor – Pengajuan Permohonan	55
4.2.2.1.3.3.4	<i>Activity Diagram</i> Surveyor – <i>Logout</i>	56
4.2.2.1.3.4	<i>Activity Diagram</i> Kepala PKBL	57
4.2.2.1.3.4.1	<i>Activity Diagram</i> Kepala PKBL – <i>Login</i>	57
4.2.2.1.3.4.2	<i>Activity Diagram</i> Kepala PKBL - Analisa Usulan..	58
4.2.2.1.3.4.3	<i>Activity Diagram</i> Kepala PKBL - Penetapan Binaan	59
4.2.2.1.3.4.4	<i>Activity Diagram</i> Kepala PKBL – <i>Logout</i>	60
4.2.2.1.4	<i>Sequence Diagram</i>	61
4.2.2.1.4.1	<i>Sequence Diagram</i> Sekertariat	61
4.2.2.1.4.1.1	<i>Sequence Diagram</i> Sekertariat – <i>Login</i>	61
4.2.2.1.4.1.2	<i>Sequence Diagram</i> Sekertariat – RKA	61

4.2.2.1.4.1.3	<i>Sequence Diagram</i> Sekertariat – Mitra Binaan .	62
4.2.2.1.4.1.3.1	<i>Sequence Diagram</i> Sekertariat – Registrasi Biodata	62
4.2.2.1.4.1.3.2	<i>Sequence Diagram</i> Sekertariat – Registrasi Usaha	62
4.2.2.1.4.1.3.3	<i>Sequence Diagram</i> Sekertariat – Plotting Biodata Usaha	63
4.2.2.1.4.1.4	<i>Sequence Diagram</i> Sekertariat – Logout	63
4.2.2.1.4.2	<i>Sequence Diagram</i> Evaluator	64
4.2.2.1.4.2.1	<i>Sequence Diagram</i> Evaluator – Login	64
4.2.2.1.4.2.2	<i>Sequence Diagram</i> Evaluator – Evaluasi Proposal	64
4.2.2.1.4.2.3	<i>Sequence Diagram</i> Evaluator – Logout	65
4.2.2.1.4.3	<i>Sequence Diagram</i> Surveyor	65
4.2.2.1.4.3.1	<i>Sequence Diagram</i> Surveyor – Login	65
4.2.2.1.4.3.2	<i>Sequence Diagram</i> Surveyor – Survey Lapangan ..	66
4.2.2.1.4.3.3	<i>Sequence Diagram</i> Surveyor – Pengajuan Permohonan	66
4.2.2.1.4.3.4	<i>Sequence Diagram</i> Surveyor – Logout	67
4.2.2.1.4.4	<i>Sequence Diagram</i> Kepala PKBL	67
4.2.2.1.4.4.1	<i>Sequence Diagram</i> Kepala PKBL – Login	67
4.2.2.1.4.4.2	<i>Sequence Diagram</i> Kepala PKBL - Analisa Usulan	68
4.2.2.1.4.4.3	<i>Sequence Diagram</i> Kepala PKBL - Penetapan Binaan	68
4.2.2.1.4.4.4	<i>Sequence Diagram</i> Kepala PKBL – Logout	69
4.2.2.1.5	<i>Deployment Diagram</i>	69
4.2.2.2	<i>Diagram Fishbone</i>	70
4.2.3	Proses Pengkodean (<i>Coding</i>)	70
4.2.4	Proses Pengujian (<i>Testing</i>)	70
4.2.4.1	<i>Unit Testing</i>	70
4.2.4.2	<i>Integration Testing</i>	72

4.2.5	Implementasi Sistem (<i>Implementation</i>)	74
4.2.5.1	Tampilan Halaman Login	74
4.2.5.2	Tampilan Halaman Utama	75
4.2.5.3	Tampilan Menu Dashboard	75
4.2.5.4	Tampilan Menu Rencana Wilayah	76
4.2.5.4.1	Tampilan Tambah Rencana Wilayah	76
4.2.5.4.2	Tampilan Edit Rencana Wilayah	77
4.2.5.5	Tampilan Menu Mitra Binaan	77
4.2.5.5.1	Tampilan Menu Mitra Binaan – Registrasi Biodata	78
4.2.5.5.1.1	Tampilan Menu Mitra Binaan – Tambah Registrasi Biodata	
4.2.5.5.1.2	Tampilan Menu Mitra Binaan – Edit Registrasi Biodata	79
4.2.5.5.2	Tampilan Menu Mitra Binaan – Registrasi Usaha ..	79
4.2.5.5.2.1	Tampilan Menu Mitra Binaan – Tambah Registrasi Usaha	80
4.2.5.5.2.2	Tampilan Menu Mitra Binaan – Edit Registrasi Usaha ..	80
4.2.5.5.2.3	Tampilan Menu Mitra Binaan – Registrasi Usaha (Form Detail Keuangan)	81
4.2.5.5.2.4	Tampilan Menu Mitra Binaan – Registrasi Usaha (Form Detail Pendapatan)	81
4.2.5.5.2.5	Tampilan Menu Mitra Binaan – Registrasi Usaha (Form Detail Kegiatan)	82
4.2.5.5.2.6	Tampilan Menu Mitra Binaan – Registrasi Usaha (Form Detail Pinjaman)	82
4.2.5.5.3	Tampilan Menu Mitra Binaan – Plotting Biodata Usaha	83
4.2.5.5.3.1	Tampilan Menu Mitra Binaan – Detail Plotting Biodata Usaha	83
4.2.5.5.3.2	Tampilan Menu Mitra Binaan – Tambah Plotting Biodata Usaha	84
4.2.5.6	Tampilan Menu Evaluasi Proposal	84
4.2.5.6.1	Tampilan Detail Evaluasi Proposal	85
4.2.5.6.2	Tampilan Form Evaluasi Proposal	85
4.2.5.7	Tampilan Menu Survey Lapangan	86
4.2.5.7.1	Tampilan Detail Suvey Lapangan	86
4.2.5.7.2	Tampilan Form Survey Lapangan	87

4.2.5.8 Tampilan Menu Pemohonan Pengajuan Pinjaman	87
4.2.5.8.1 Tampilan Detail Pengajuan Permohonan Pinjaman	88
4.2.5.8.2 Tampilan Form Pengajuan Permohonan Pinjaman	88
4.2.5.9 Tampilan Menu Analisa Usulan	89
4.2.5.9.1 Tampilan Detail Analisa Usulan	89
4.2.5.9.2 Tampilan Form Analisa Usulan	90
4.2.5.10 Tampilan Menu Penetapan Mitra Binaan	90
4.2.5.10.1 Tampilan Detail Penetapan Mitra Binaan	91
4.2.5.10.2 Tampilan Form Penetapan Mitra Binaan	91
4.3 Analisis Data	92
4.4 Perbandingan dengan Penelitian Lain	93
BAB V KESIMPULAN DAN SARAN	94
5.1 Kesimpulan	94
5.2 Saran	94
DAFTAR REFERENSI	95