

## DAFTAR ISI

LEMBAR PENGESAHAN TUGAS AKHIR .....	iii
LEMBAR PENGESAHAN PENGUJI SIDANG .....	iv
LEMBAR PERNYATAAN KEASLIAN .....	v
KATA PENGANTAR.....	vi
ABSTRAK .....	viii
DAFTAR ISI.....	ix
DAFTAR GAMBAR .....	xiii
DAFTAR TABEL.....	xv
BAB 1 PENDAHULUAN .....	1
1.1 Latar Belakang .....	1
1.2 Identifikasi Masalah.....	2
1.3 Tujuan Penelitian .....	2
1.4 Batasan Masalah .....	2
1.5 Manfaat Penelitian .....	3
1.6 Metodologi Penelitian.....	3
1.7 Sistematika Penulisan .....	4
BAB 2 LANDASAN TEORI.....	6
2.1 Definisi Aplikasi .....	6
2.2 Pegawai .....	6
2.3 Definisi Sistem Informasi .....	7
2.3.1 Sistem.....	7
2.3.2 Informasi .....	8
2.3.3 Sistem Informasi .....	8
2.3.4 Sistem Informasi Pegawai .....	8
2.4 Cuti .....	9
2.5 Presensi.....	9

2.6	Rekapitulasi .....	10
2.7	<i>Time Management</i> .....	10
2.8	Diagram Arus Data ( <i>Data Flow Diagram / DFD</i> ).....	10
2.9	<i>BPMN</i> .....	12
2.10	<i>Tools</i> Pengembangan Sistem .....	14
2.10.1	<i>XAMPP</i> .....	14
2.10.2	<i>PHP</i> .....	14
2.11	Proses Bisnis.....	15
2.12	Metode Pengembangan Software.....	15
2.12.1	<i>Scrum</i> .....	15
2.13	Diagram Relasi Entitas .....	20
BAB 3	GAMBARAN UMUM .....	21
3.1	Gambaran Umum Perusahaan.....	21
3.2	Proses Bisnis.....	22
3.3	Analisis Masalah.....	26
3.4	Kerangka Pemikiran.....	28
BAB 4	HASIL DAN PEMBAHASAN.....	30
4.1	Fase <i>Pregame</i> .....	30
4.1.1	Perencanaan ( <i>Planning</i> ).....	30
4.1.1.1	<i>Data Flow Diagram Level 0</i> .....	30
4.1.1.2	<i>Data Flow Diagram Level 1</i> .....	31
4.1.1.3	<i>Data Flow Diagram Level 2</i> .....	32
4.1.1.4	Diagram Relasi Entitas ( <i>ERD</i> ).....	35
4.1.2	Arsitektur Tampilan .....	36
4.1.2.1	<i>Login Page</i> .....	36
4.1.2.2	<i>Home Page</i> .....	36
4.1.2.3	<i>Subsistem Time Management</i> .....	36
4.1.2.4	<i>Submenu Attendance (Administrator)</i> .....	37
4.1.2.5	<i>Submenu Attendance (Atasan)</i> .....	37

4.1.2.6	<i>Submenu Attendance (Pegawai)</i> .....	38
4.1.2.7	<i>Submenu Absence (Administrator)</i> .....	39
4.1.2.8	<i>Submenu Absence (Atasan)</i> .....	39
4.1.2.9	<i>Submenu Absence (Pegawai)</i> .....	39
4.1.2.10	Tampilan Konfirmasi Kehadiran <i>Submenu Attendance</i> ....	40
4.1.2.11	Status Pengajuan Kehadiran <i>Submenu Attendance</i> .....	40
4.1.2.12	Tampilan Persetujuan Kehadiran <i>Submenu Attendance</i> ...	41
4.1.2.13	Tampilan Rekap Data <i>Submenu Attendance</i> .....	41
4.1.2.14	Tampilan <i>Report Submenu Attendance</i> .....	42
4.1.2.15	Tampilan <i>Upload Presensi Submenu Attendance</i> .....	42
4.1.2.16	Formulir Pengajuan Ketidakhadiran <i>Submenu Absence</i> ...	43
4.1.2.17	Status Pengajuan Ketidakhadiran <i>Submenu Absence</i> .....	43
4.1.2.18	Tampilan Persetujuan Ketidakhadiran <i>Submenu Absence</i> ..	44
4.1.2.19	Tampilan Tabel Daftar Pegawai Cuti <i>Submenu Absence</i> ..	44
4.1.2.20	Tabel Daftar Pegawai Cuti <i>OverSubmenu Absence</i> .....	45
4.1.2.21	Tabel Daftar Pegawai Batal Cuti <i>Submenu Absence</i> .....	45
4.1.2.22	Tampilan Perubahan Saldo Cuti <i>Submenu Absence</i> .....	46
4.2	<i>Fase Game</i> .....	46
4.2.1	<i>Product Backlog</i> .....	47
4.2.2	<i>Sprint</i> .....	52
4.2.2.1	<i>Sprint-1</i> .....	52
4.2.3	<i>Sprint Planning</i> .....	55
4.2.3.1	<i>Sprint Backlog</i> .....	57
4.2.4	<i>Daily Scrum Meeting</i> .....	62
4.2.5	<i>Sprint Review and Retrospective</i> .....	63
4.2.5.1	<i>Sprint Review</i> .....	63
4.2.5.2	<i>Sprint Retrospective</i> .....	63
4.3	<i>Fase Postgame</i> .....	64
4.3.1	<i>Unit Testing</i> .....	64

4.3.2	Halaman <i>Login</i> .....	67
4.3.3	Halaman Menu Utama .....	67
4.3.4	Halaman <i>Subsistem Time Management</i> .....	68
4.3.5	Halaman <i>Submenu Attendance</i> .....	69
4.3.6	Halaman <i>Submenu Absence</i> .....	69
4.3.7	Halaman Konfirmasi Kehadiran.....	70
4.3.8	Halaman Status Pengajuan Kehadiran.....	70
4.3.9	Halaman Persetujuan Kehadiran .....	70
4.3.10	Halaman Pengajuan Ketidakhadiran .....	71
4.3.11	Halaman Status Pengajuan Ketidakhadiran.....	72
4.3.12	Halaman Persetujuan Ketidakhadiran .....	72
4.3.13	Halaman Perubahan Saldo Cuti.....	73
4.3.14	Halaman Daftar Pegawai Cuti .....	73
4.3.15	Halaman Daftar Pegawai Cuti <i>Over</i> .....	74
4.3.16	Halaman Daftar Pegawai Batal Cuti.....	74
BAB 5	KESIMPULAN DAN SARAN.....	75
5.1	Kesimpulan .....	75
5.2	Saran .....	75
	DAFTAR PUSTAKA .....	76
	Lampiran 1 Daftar Riwayat Hidup.....	L1-1
	Lampiran 2 Surat Penelitian .....	L2-1
	Lampiran 3 Hasil Kuesioner.....	L3-1
	Lampiran 4 Indikator Produktivitas Pegawai .....	L4-1
	Lampiran 5 <i>Report</i> Produktivitas Pegawai .....	L5-1
	Lampiran 6 <i>Sourcecode</i> .....	L6-1