

DAFTAR ISI

ABSTRAK	i
<i>ABSTRACT</i>	ii
LEMBAR PENGESAHAN	iii
HALAMAN PERNYATAAN ORISINALITAS.....	iv
KATA PENGANTAR	v
DAFTAR ISI.....	vi
DAFTAR TABEL	x
DAFTAR GAMBAR	xiv
DAFTAR ISTILAH	xvii
DAFTAR LAMPIRAN	xviii
BAB I PENDAHULUAN	1
1.1 Latar Belakang	1
1.2 Rumusan Masalah	8
1.3 Tujuan Tugas Akhir	8
1.4 Manfaat Tugas Akhir	8
1.5 Batasan dan Asumsi Tugas Akhir.....	9
1.6 Sistematika Laporan.....	10
BAB II LANDASAN TEORI	11
2.1 Literatur.....	11
2.1.1 Proyek	11
2.1.2 Manajemen Proyek.....	11
2.1.3 <i>Project Schedule Management</i>	12
2.1.3.1 <i>Plan Schedule Management</i>	13
2.1.3.2 <i>Define Activities</i>	14

2.1.3.3 <i>Sequence Activities</i>	14
2.1.3.3.1 <i>Precedence Diagramming Method</i>	15
2.1.3.3.2 <i>Dependency Determination and Integration</i>	16
2.1.4 <i>Schedule Compression</i>	17
2.1.4.1 <i>Fast Tracking</i>	18
2.1.4.2 <i>Crashing</i>	19
2.1.4.2.1 <i>Crash Duration</i>	20
2.1.4.2.2 <i>Crash Cost</i>	22
2.1.4.2.3 <i>Cost Slope</i>	22
2.1.4.3 <i>Estimate Activity Duration</i> ...	22
2.1.4.4 <i>Develop Schedule</i>	22
2.1.4.5 <i>Control Schedule</i>	23
2.1.5 <i>Critical Path Method (CPM)</i>	23
2.1.6 <i>Work Breakdown Structure (WBS)</i>	25
2.1.7 <i>Direct Cost</i>	26
2.1.8 <i>Indirect Cost</i>	27
2.1.9 <i>Risk Probability Matrix</i>	28
2.2 <i>Pemilihan Metode / Kerangka Kerja</i>	28
BAB III METODE PENYELESAIAN MASALAH	37
3.1 <i>Sistematika Penyelesaian Masalah</i>	37
3.1.1 <i>Tahap Pendahuluan</i>	39
3.1.2 <i>Tahap Pengumpulan Data</i>	40
3.1.3 <i>Tahap Pengolahan Data</i>	40
3.1.4 <i>Tahap Analisis Data</i>	41
3.1.5 <i>Tahap Verifikasi</i>	41
3.1.6 <i>Tahap Validasi</i>	41

3.1.7 Tahap Evaluasi	41
3.1.8 Tahap Penutupan	41
BAB IV PENYELESAIAN PERMASALAHAN	43
4.1 Pengumpulan Data	43
4.1.1 <i>Statement of Work (SOW)</i>	43
4.1.2 <i>Work Breakdown Structure (WBS)</i>	45
4.1.3 <i>Work Breakdown Structure Dictionary</i>	46
4.1.4 <i>Precedence Diagramming Method</i>	49
4.1.5 <i>Dependency Activity</i>	50
4.1.6 <i>Activity List</i>	51
4.1.7 <i>Project Cost</i>	54
4.1.7.1 <i>Direct Cost</i>	55
4.1.7.2 <i>Indirect Cost</i>	56
4.2 Pengolahan Data	58
4.2.1 <i>Critical Path Method (CPM)</i>	58
4.2.2 <i>Crashing</i>	67
4.2.2.1 Penambahan Jam Kerja	70
4.2.2.2 Penambahan Pekerja	88
4.2.2.3 Analisis Penambahan Jam Kerja.....	98
4.2.2.4 Analisis Penambahan Pekerja	114
4.2.3 <i>Fast Tracking</i>	126
4.2.3.1 Perancangan <i>Fast Track</i>	126
4.3 Verifikasi Hasil	134
BAB V VALIDASI, ANALISIS HASIL, DAN IMPLIKASI.....	138
5.1 Validasi	138
5.2 Analisis Penyelesaian Masalah	138

5.3 Analisis Implementasi.....	153
5.4 Implikasi Tugas Akhir	156
BAB VI KESIMPULAN DAN SARAN	164
6.1 Kesimpulan	164
6.2 Saran	164
DAFTAR PUSAKA.....	166
LAMPIRAN.....	170