

## DAFTAR ISI

ABSTRAK .....	ii
<i>ABSTRACT</i> .....	iii
LEMBAR PENGESAHAN .....	iv
LEMBAR PERNYATAAN ORISINALITAS .....	v
KATA PENGANTAR .....	vi
DAFTAR ISI.....	vii
DAFTAR GAMBAR .....	xi
DAFTAR TABEL.....	xiii
DAFTAR LAMPIRAN.....	xiv
DAFTAR ISTILAH .....	xv
BAB I PENDAHULUAN.....	1
I.1 Latar Belakang .....	1
I.2 Perumusan Masalah.....	3
I.3 Tujuan Penelitian.....	3
I.4 Batasan Penelitian .....	3
I.5 Manfaat Penelitian.....	4
I.5.1 Manfaat Penelitian Bagi Universitas Telkom .....	4
I.5.2 Manfaat Penelitian Bagi PT Sinergi Informatika Semen Indonesia	4
I.6 Sistematika Penulisan.....	5
BAB II TINJAUAN PUSTAKA.....	6
II.1 ERP.....	6
II.1.1 Karakteristik ERP.....	7
II.1.2 Faktor Pendukung Keberhasilan ERP .....	8
II.1.3 Manfaat ERP .....	9

II.2	FORCA ERP .....	10
II.2.1	Modul FORCA ERP .....	10
II.2.2	Alasan Pemilihan FORCA ERP .....	11
II.3	<i>Dashboard</i> .....	12
II.3.1	Hal-hal yang harus dipertimbangkan dalam <i>Dashboard</i> .....	13
II.3.2	Karakteristik <i>Dashboard</i> .....	13
II.3.3	Manfaat <i>Dashboard</i> .....	14
II.3.4	Konfigurasi <i>Dashboard</i> .....	15
II.3.5	Alasan Pemilihan Power BI .....	16
II.4	<i>Budgeting</i> .....	17
II.5	<i>Finance</i> .....	18
II.6	<i>Application Support</i> .....	18
II.7	KPI .....	19
II.8	<i>Profile</i> Perusahaan .....	19
II.8.1	Sejarah Singkat Perusahaan .....	19
II.8.2	Visi dan Misi Perusahaan .....	20
II.8.3	Lokasi Perusahaan .....	21
II.8.4	Struktur Organisasi Perusahaan .....	21
II.9	Penelitian Terdahulu .....	22
II.9.1	Analisa Hasil Penelitian Terdahulu .....	22
BAB III	METODOLOGI PENELITIAN .....	25
III.1	Model Konseptual .....	25
III.2	Sistematika Penyelesaian Masalah .....	29
III.2.1	<i>Project Initiating</i> .....	31
III.2.2	<i>Iteration</i> .....	32
III.2.3	<i>Project Closing</i> .....	34

III.3	Pengumpulan Data.....	36
III.4	Pengolahan Data atau Pengembangan Produk/Artifak.....	37
III.5	Metode Evaluasi .....	38
III.6	Alasan Pemilihan Metode.....	39
BAB IV	PERANCANGAN .....	42
IV.1	Perancangan Metode <i>Agile Modeling</i> (AM).....	42
IV.1.1	<i>Project Initiating</i> .....	42
IV.1.2	<i>Iteration</i> .....	43
IV.1.2.1	<i>Define</i> .....	44
IV.1.2.1.1	<i>Problem/ Impact/ Successful Outcome</i> .....	44
IV.1.2.1.2	<i>Kick-Off Meeting</i> .....	45
IV.1.2.1.3	<i>Weekly/Monthly Meeting</i> .....	45
IV.1.2.1.4	<i>Value Chain</i> .....	45
IV.1.2.1.5	Proses Bisnis <i>Level 1</i> .....	48
IV.1.2.1.6	Proses Bisnis BPMN .....	49
IV.1.2.1.7	<i>High Level To Be Business Requirements</i> .....	51
IV.1.2.1.8	<i>User Classes and Characteristics</i> .....	52
IV.1.2.1.9	<i>Usecase Diagram</i> .....	53
IV.1.2.1.10	<i>Usecase Scenario</i> .....	54
IV.1.2.1.11	<i>Activity Diagram</i> .....	58
IV.1.2.1.12	<i>Sequence Diagram</i> .....	60
IV.1.2.1.13	<i>Entity Relationship Diagram</i> .....	62
IV.1.2.2	<i>Build</i> .....	63
IV.1.2.2.1	Konfigurasi <i>Export Data from FORCA ERP</i> .....	63
IV.1.2.2.2	Konfigurasi <i>Processing Data in Excel</i> .....	64
IV.1.2.2.3	Konfigurasi <i>Visualization Power BI</i> .....	66

IV.1.2.3	<i>Review</i> .....	76
IV.1.2.3.1	<i>User Acceptance Testing</i> .....	76
IV.1.2.4	<i>Release</i> .....	78
IV.1.3	<i>Project Closing</i> .....	78
BAB V	ANALISA .....	79
V.1	<i>Analisa User Acceptance Testing</i> .....	79
V.2	<i>Analisa Konfigurasi Dashboard</i> .....	79
V.2.1	<i>Kegunaan Dashboard</i> .....	80
V.2.1.1	<i>Pengguna Dashboard</i> .....	80
V.2.1.2	<i>Brainstorming Pihak Terkait</i> .....	80
V.2.1.3	<i>Menganalisa Type pada Project</i> .....	80
V.2.1.4	<i>Periode Project</i> .....	80
V.2.1.5	<i>Pelaporan yang Efisien</i> .....	81
V.2.2	<i>Data yang Diperoleh</i> .....	81
V.2.3	<i>Hasil dan Keputusan</i> .....	81
V.2.3.1	<i>Key Perfomance Indicator</i> .....	81
V.2.3.2	<i>Kumulatif Chart</i> .....	82
V.2.3.3	<i>Name/Item</i> .....	82
V.2.3.4	<i>Anggaran keluar terbanyak per Quarter</i> .....	85
V.2.3.5	<i>Bar dan Card Chart</i> .....	86
V.2.3.6	<i>Table Detail Budgeting Project</i> .....	86
BAB VI	PENUTUP .....	88
VI.1	<i>Kesimpulan</i> .....	88
VI.2	<i>Saran</i> .....	88
DAFTAR PUSTAKA	.....	89
LAMPIRAN	.....	94