

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