DAFTAR ISI

LEMBAR PENGESAHAN i
LEMBAR PERNYATAAN ORISINALITAS ii
ABSTRAK iii
ABSTRACT iv
KATA PENGANTAR v
DAFTAR ISI vi
DAFTAR GAMBAR x
DAFTAR TABEL xi
DAFTAR SINGKATAN xii
DAFTAR ISTILAH xiv
DAFTAR LAMPIRAN 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
BAB II KAJIAN TEORI 4
II.1 Enterprise 4
II.2Architecture 5
II.3 *Enterprise architecture* 5
II.4 Framework 6
II.4.1TOGAF 6
II.4.2ADM 7

II.5 Penelitian Terdahulu 10
BAB III METODOLOGI PENELITIAN 12
III.1 Model Konseptual 12
III.2 Sistematika Pemecahan Masalah 15
III.2.1 Tahap Preliminary 17
III.2.2 Tahap Architecture Vision 17
III.2.3 Tahap Business Architecture 17
III.2.4 Tahap Technology Architecture 18
III.2.7 Tahap Pelaporan 18
III.2.8 Tahap Kesimpulan dan Saran 18
BAB IV ANALISIS 19
IV.1 Pengelolahan Data 19
IV.1.1 Ruang Lingkup 19
IV.1.2 Kebutuhan Data 19
IV.1.3 Metode Pengumpulan Data 21
IV.2 Latar Belakang PT. Herona Express 22
IV.3 Preliminary Phase 25
IV.3.1 Principles Catalog 25
IV.4 Architecture Vision 27
IV.4.1 Struktur Organisasi Target 27
IV.4.2 Stakeholder Map Matrix 29
IV.4.3 *Value Chain Diagram* 35
IV.4.4 *Solution Concept Diagram* 37
IV.5 Kondisi eksisting fungsi operasional PT.Herona Express 38
IV.5.1 Proses bisnis *high-level* eksisting fungsi operasional 38
IV.5.2 Proses bisnis penerimaan barang *eksisting* 39
IV.5.3 Proses bisnis pembayaran barang *eksisting* 41
IV.5.4 Proses bisnis persiapan transportasi *eksisting* 44
IV.5.5 Proses bisnis pengiriman barang *eksisting* 45
IV.5.6 Proses bisnis pengambilan barang *eksisting* 47

BAB V RANCANGAN *ENTERPRISE ARCHITECTURE PT. HERONA EXPRESS* 50

V.1 Roadmap 50

V.2 *Business Architecture* 52

V.2.1 Requirment catalog 52

V.2.2 Drivers/Goals/Objectives Catalog 53

V.2.3 *Business Footprint Diagram* 55

V.2.4 Business Interaction Matrix 56

V.2.5 Actor/Role Matrix 59

V.2.6 Proses Bisnis High-Level Target 60

V.2.7 Proses Bisnis Pengambilan Barang 62

V.2.8 Proses Bisnis Pengiriman Barang Target 63

V.2.9 Proses Binis Persiapan Transportasi Target 65

V.2.10 Proses Bisnis Pembayaran Onsite 67

V.2.11 Proses Bisnis PenerimaanBarang Target 69

V.2.12 Proses Bisnis Penjemputan Barang Target 71

V.2.13 Proses Bisnis Pengantaran Barang Target 73

V.2.14 Proses Bisnis Pembayaran Barang Target 76

V.2.15 Proses Flow Sistem *Tracking* Target 78

V.3 Information System Architecture 80

V.3.1 Data Architecture 81

V.3.2 Application Architecture 89

V.4 Technology Architecture 104

V.4.1 Requirment Technology 104

V.4.2 Technology Standards Catalog 104

V.4.3 Technology Portfolio Catalog 106

V.4.4 System/Technology Matrix 108

V.4.5 Environments and Locations Diagram 109

V.4.6 Platform Decomposition Diagram 111

V.5. Perform Gap Analisis 112

V.5.1 Business Architecture 112

V.5.2 Information System Architecture 114

V.5.3 Technology Architecture 115
BAB VI PENUTUP 116
VI.1 Kesimpulan 116
VI.2 Saran 117
DAFTAR PUSTAKA 118
LAMPIRAN 120