DAFTAR ISI

LEMBAR PERNYATAAN ORISINALITAS ii
LEMBAR PENGESAHAN iii
ABSTRAK iv
ABSTRACT v
LEMBAR PERSEMBAHAN vi
KATA PENGANTAR viii
DAFTAR ISI ix
DAFTAR GAMBAR xiii
DAFTAR TABEL xvii
DAFTAR ISTILAH xx
DAFTAR SINGKATAN xxiii
DAFTAR LAMPIRAN 1
Bab I PENDAHULUAN 2
I.1 Latar Belakang 2
I.2 Rumusan Masalah 5
I.3 Tujuan Penelitian 5
I.4 Batasan Masalah 5
I.5 Manfaat Penelitian 5
I.6 Sistematika Penulisan 6
Bab II TINJAUAN PUSTAKA 7
II.1 Enterprise Architecture 7
II.2 Penerapan *Enterprise Architecture* di rumah sakit 8
II.2.1 Penerapan Enterprise Architecture pada fungsi rawat jalan 8
II.3 *Framework Enterprise Architecture* 9
II.3.1 Perbandingan Framework 12
II.4 Komponen TOGAF 13
II.4.1 Domain TOGAF 14
II.4.2 TOGAF ADM 15
II.5 Tools Perancangan Arsitektur 17

Bab III METODOLOGI PENELITIAN 19
III.1 Model Konseptual 19
III.2 Sistematika Penelitian 22
Bab IV PERSIAPAN DAN IDENTIFIKASI 28
IV.1 Deskripsi Objek Penelitian 28
IV.1.1 Gambaran Perusahaan 28
IV.1.2 Struktur Organisasi 29
IV.1.3 Visi dan Misi 31
IV.1.4 Rencana Strategis 33
IV.1.5 Gambaran Kondisi Aplikasi Existing 40
IV.1.6 Rencana Kegiatan dan Anggaran 40
Bab V ANALISIS DAN PERANCANGAN 47
V.1 *Preliminary Phase* 47
V.1.1 Principle Catalog 47
V.2 *Architecture Vision* 50
V.2.1 Stakeholder Map Matrix 50
V.2.2 Value Chain 55
V.2.3 Solution Concept Diagram 56
V.2.4 Identifikasi Goal 57
V.2.5 Requirement Catalog 63
V.3 *Business Architecture* 66
V.3.1 Business Footprint Diagram 66
V.3.2 Goal/Objective/Requirement Catalog 68
V.3.3 Business Interaction Matrix 69
V.3.4 Functional Decompotition Diagram 76
V.3.5 Business Service/ Function Catalog 78
V.3.6 Organizational/ Actor Catalog 82
V.3.7 Role Catalog 85

V.3.8 Actor/ Role Matrix 87
V.3.9 Process/ Product Catalog 88
V.3.10 Process Flow Diagram 92
V.3.11 Service Catalog 129
V.3.12 GAP Analysis Business Architecture 130
V.4 *Information System Architecture* 134
V.4.1 Data Architecture 134
V.4.2 Application Architecture 156
V.5 *Technology Architecture* 183
V.5.1 Technology Architecture Requirements 183
V.5.2 Technology Standard Catalog 183
V.5.3 Technology Portofolio Catalog 185
V.5.4 Application/ Technology Matrix 193
V.5.5 Environment and Location Diagram 194
V.5.6 Platform Decompotition Diagram 197
V.5.7 GAP Analysis Technology Architecture 197
V.6 *Opportunities and Solution* 200
V.6.1 Implementation Factor Assesment and Deduction 200
V.6.2 Consolidate Gap, Solutions, and dependencies 202
V.6.3 Consolidate & Reconcile Interoperability Requirements 213
V.6.4 Project Context Diagram 215
V.6.5 Benefit Diagram 216
V.7 *Migration Planning* 217
V.7.1 Estimasi value dan risk (survei) 217
V.7.2 Business value assessment 218
V.7.3 Prioritas pembangunan proyek 219
V.7.4 IT Roadmap 219

V.8 Validasi Perancangan *Enterprise Architecture* 221
V.8.1 Pengukuran hasil feedback..... 221
V.8.2 Feedback Target Architecture 222
V.8.3 Analisis hasil feedback..... 223
Bab VI KESIMPULAN DAN SARAN 225
VI.1 Kesimpulan 225
VI.2 Saran 226
DAFTAR PUSTAKA 227
LAMPIRAN..... 231