DAFTAR ISI

LEMBAR PENGESAHAN i
LEMBAR PERNYATAAN ORISINALITAS ii
ABSTRAK iii
ABSTRACT iv
KATA PENGANTAR v
DAFTAR ISI vii
DAFTAR GAMBAR DAN ILUSTRASI xi
DAFTAR TABEL xiv
DAFTAR ISTILAH xvi
DAFTAR LAMPIRAN xvii
Bab I PENDAHULUAN 1
I.1 Latar Belakang 1
I.2 Perumusan Masalah 3
I.3 Tujuan Penelitian 4
I.4 Manfaat Penelitian 4
I.5 Ruang Lingkup 4
I.6 Sistematika Penulisan 5
Bab II LANDASAN TEORI 7
II.1 Transformasi Digital 7
II.2 *Enterprise*, *Architecture*, dan *Enterprise Architecture* 8
II.2.1 Pengertian *Enterprise* 8
II.2.2 Pengertian *Architecture* 8
II.2.3 Pengertian *Enterprise Architecture* 9
II.3 *Enterprise Architecture Framework* 11
II.3.1 Zachman *framework* 13
II.3.2 FEAF *framework* 14
II.3.3 TOGAF *framework* 15
II.3.4 Perbandingan *architecture framework* 17
II.4 TOGAF ADM 21
II.5 Pengertian UMKM 24

II.5.1 Karakteristik UMKM 25
II.5.2 Peluang dan Kendala UMKM 30
II.6 Implementasi *Enterprise Architecture* pada UMKM 32
Bab III METODOLOGI PENELITIAN 36
III.1 Model Konseptual 36
III.2 Sistematikan Penelitian 37
III.2.1.1 Tahap Inisiasi 39
III.2.1.2 Tahap Identifikasi 40
III.2.1.3 Tahap Analisis dan Perancangan 40
III.2.1.4 Tahap EA Blueprint Industry-Specific 42
III.2.1.5 Tahap Kesimpulan dan Saran 42
Bab IV PERSIAPAN DAN INDENTIFIKASI 43
IV.1 Deskripsi Objek Penelitian 43
IV.1.1 Gambaran UMKM 43
IV.1.2 Klasifikasi UMKM 44
IV.1.3 Struktur Organisasi 48
IV.1.4 Visi dan Misi 48
IV.1.5 Gambaran Kondisi Teknologi/Aplikasi Eksisting 48
IV.1.6 Fungsi Bisnis UMKM 49
IV.1.7 Permasalahan Eksisting UMKM 51
IV.1.8 Peluang Bisnis UMKM 55
IV.1.9 *Success Criteria* 57
IV.1.10 *Key Constraint* 58
IV.2 Regulasi Pemerintah 59
Bab V ANALISIS DAN PERANCANGAN 61
V.1 *Preliminary Phase* 61
V.1.1 *Principle Catalog* 61
V.2 *Architecture Vision* 63
V.2.1 *Stakeholder Map Matrix* 63
V.2.2 *Value Chain Diagram* 68
V.2.3 *Solution Concept Diagram* 69
V.2.4 *Goal Diagram* 70

V.2.5 *Goal Catalog* 71
V.2.6 *Requirement Catalog* 73
V.3 *Business Architecture* 75
V.3.1 *Business Architecture Requirements* 75
V.3.2 *Organization / Actor Catalog* 76
V.3.3 *Role Catalog* 78
V.3.4 *Driver / Goals / Objective* 79
V.3.5 *Business Service / Functional Catalog / Process Catalog* 80
V.3.6 *Business Footprint Diagram* 81
V.3.7 *Business Interaction Matrix* 82
V.3.8 *Actor / Role Matrix* 84
V.3.9 *Functional Decomposition Diagram* 86
V.3.10 *Business Flow Diagram* 87
V.3.11 *Business Process Overview Diagram* 88
V.3.12 *Organizational Process Diagram Eksisting* 93
V.3.13 *Organizational Process Diagram Target* 105
V.3.14 GAP Analisis Arsitektur Bisnis 122
V.4 *Information System Architecture* 128
V.4.1 *Data Architecture* 128
V.4.1.1 *Data Architecture Requirement* 128
V.4.1.2 *Data Entity / Data Component Catalog* 128
V.4.1.3 *Data Entity / Business Function Matrix* 131
V.4.1.4 *Application / Data Matrix* 133
V.4.1.5 *Entitiy Relationship Diagram* 134
V.4.1.6 *Class Diagram* 136
V.4.1.7 *Data Dissemination Diagram* 138
V.4.1.8 GAP Analisis Arsitektur Data 139
V.4.2 *Application Architecture* 142
V.4.2.1 *Application Architecture Requirement* 142
V.4.2.2 *Application Portfolio Catalog* 142
V.4.2.3 *Application Interface Catalog* 143
V.4.2.4 *Application / Organization Matrix* 145

V.4.2.5 *Application Function Matrix* 145
V.4.2.6 *Application / Role Matrix* 146
V.4.2.7 *Application Interaction Matrix* 147
V.4.2.8 *Application Communication Diagram* 148
V.4.2.9 *Application Usecase Diagram* 148
V.4.2.10 GAP Analisis Arsitektur Aplikasi 152
V.5 *Technology Architecture* 154
V.5.1 *Technology Architecture Requirement* 154
V.5.2 *Technology Standard Catalog* 154
V.5.3 *Technology Portfolio Catalog* 156
V.5.4 *Application / Technology Matrix* 158
V.5.5 *Enviroment and Location Diagram* 159
V.5.6 *Platform Decomposition Diagram* 160
V.5.7 GAP Analisis Arsitektur Teknologi 161
V.6 EA UMKM Kacang Bogares Rasmadi Putri (*Company-Specific*) 165
V.7 EA UMKM (*Industry-Specific*) 166
Bab VI KESIMPULAN DAN SARAN 171
VI.1 Kesimpulan 171
VI.2 Saran 172
DAFTAR PUSTAKA 173
LAMPIRAN 177
Feedback UMKM 177
Tampilan *website blogspot* UMKM 180