

## DAFTAR GAMBAR

Gambar I. 1 Hasil <i>Survey Infosys 2007</i> Mengapa Perusahaan Tidak Mengimplementasi EA.....	3
Gambar I. 2 Hasil <i>Survey Infosys 2008 Framework</i> yang Digunakan.....	4
Gambar I. 3 Hasil <i>Survey Infosys 2007</i> Persentase Perusahaan yang Menerapkan TOGAF .....	5
Gambar I. 4 Hasil <i>Survey Infosys 2008 EA Tools</i> yang Digunakan .....	6
Gambar II. 1 Fase <i>EA Maturity Assessment</i> .....	22
Gambar II. 2 Hasil Penilaian Tingkat <i>Maturity Enterprise Architecture</i> .....	23
Gambar II. 3 Diagram Radar Kondisi <i>As Is Enterprise Architecture</i> .....	23
Gambar II. 4 Diagram Radar Kondisi <i>To Be</i> Organisasi .....	24
Gambar II. 5 <i>Maturity Assessment Pattern</i> .....	25
Gambar II. 6 Arsitektur Teknologi <i>Cloud</i> .....	27
Gambar II. 7 Arsitektur <i>Multitier</i> dengan J2EE.....	31
Gambar II. 8 Siklus Metodologi <i>Waterfall</i> .....	34
Gambar II. 9 Siklus <i>Spiral Model</i> .....	36
Gambar II. 10 Siklus <i>V-Shaped Model</i> .....	37
Gambar II. 11 Siklus Metode <i>Iterative and Incremental</i> .....	39
Gambar III. 1 Model Konseptual .....	40
Gambar III. 2 Diagram Sistematika Penelitian .....	45
Gambar IV. 1 <i>Activity Diagram Enterprise Architecture Maturity Assessment</i> Umum.....	48
Gambar IV. 2 <i>Use Case Login Assessor</i> .....	51
Gambar IV. 3 <i>Use Case Akses Data Pre-Project</i> .....	51
Gambar IV. 4 Desain <i>Mockup User Interface Home Login</i> .....	52
Gambar IV. 5 Desain <i>Mockup User Interface Home After Login</i> .....	53
Gambar IV. 6 <i>Class Diagram</i> Fase <i>Inception</i> .....	54
Gambar IV. 7 <i>Deployment Diagram</i> Fase <i>Inception</i> .....	54
Gambar IV. 8 Halaman <i>Homepage Login</i> .....	56
Gambar IV. 9 Halaman <i>Homepage After Login</i> .....	57
Gambar V. 1 <i>Activity Diagram Assessment</i> Fase I .....	60

Gambar V. 2 <i>Activity Diagram</i> Fase II .....	61
Gambar V. 3 <i>Activity Diagram</i> Fase III .....	63
Gambar V. 4 <i>Activity Diagram</i> Fase IV .....	64
Gambar V. 5 <i>Use Case Diagram</i> Fase I.....	70
Gambar V. 6 <i>Use Case Diagram</i> Fase II .....	71
Gambar V. 7 <i>Use Case Diagram</i> Simulasi <i>Assessment</i> .....	71
Gambar V. 8 <i>Use Case Diagram</i> Fase III .....	72
Gambar V. 9 <i>Use Case Diagram</i> Fase IV .....	72
Gambar V. 10 <i>Use Case Diagram</i> Cek Status <i>Approval</i> Untuk <i>Assessor</i> .....	72
Gambar V. 11 <i>Use Case Diagram</i> Cek Status <i>Approval</i> Untuk <i>Reviewer</i> .....	73
Gambar V. 12 <i>Use Case Diagram</i> Lihat Hasil Akhir Untuk <i>Stakeholder</i> .....	73
Gambar V. 13 <i>System Sequence Diagram</i> Input Tim <i>Assessor</i> .....	74
Gambar V. 14 <i>System Sequence Diagram</i> View <i>Element</i> .....	75
Gambar V. 15 <i>System Sequence Diagram</i> Delete <i>Attribute</i> .....	75
Gambar V. 16 <i>System Sequence Diagram</i> View Detail Dokumen Rekomendasi .	76
Gambar V. 17 <i>Sequence Diagram</i> Edit and Update <i>Project</i> .....	77
Gambar V. 18 <i>Sequence Diagram</i> Input <i>Analysis</i> .....	78
Gambar V. 19 <i>Package Diagram</i> TogafEJB ( <i>Server</i> ) .....	79
Gambar V. 20 <i>Package Diagram</i> TogafStruts ( <i>Client</i> ) .....	79
Gambar V. 21 <i>Deployment Diagram</i> Fase <i>Elaboration</i> .....	80
Gambar V. 22 <i>Class Diagram</i> <i>Controller</i> .....	81
Gambar V. 23 <i>Class Diagram</i> <i>Project</i> .....	81
Gambar V. 24 <i>Class Diagram</i> <i>Project</i> <i>Phase</i> .....	82
Gambar V. 25 <i>Class Diagram</i> <i>Attribute I</i> .....	83
Gambar V. 26 <i>Class Diagram</i> <i>Attribute II</i> .....	83
Gambar V. 27 <i>Class Diagram</i> <i>Assessment</i> .....	84
Gambar V. 28 <i>Class Diagram</i> <i>Service</i> dan <i>ServiceBean</i> .....	84
Gambar V. 29 <i>Class Diagram</i> <i>Database</i> .....	85
Gambar V. 30 <i>ER Diagram</i> .....	85
Gambar V. 31 <i>View Pre Document</i> .....	88
Gambar V. 32 <i>Home After Select Project</i> .....	88
Gambar V. 33 <i>View Project Details</i> .....	89

Gambar V. 34 <i>View Approval Status</i> .....	89
Gambar V. 35 <i>Add Element</i> .....	90
Gambar V. 36 <i>Edit To-Be Score</i> .....	90
Gambar VI. 1 <i>Use Case Diagram Fase Construction</i> .....	99
Gambar VI. 2 <i>Database Diagram Fase Construction</i> .....	100
Gambar VI. 3 <i>Attribute List</i> .....	103
Gambar VI. 4 <i>Edit Attribute Answer</i> .....	104
Gambar VI. 5 <i>Halaman Attribute on Simulation</i> .....	104
Gambar VI. 6 <i>Answer Question di Simulasi Assessment</i> .....	105
Gambar VI. 7 <i>Halaman Pre Result</i> .....	105
Gambar VI. 8 <i>Upload Recommendation Document</i> .....	106
Gambar VI. 9 <i>Lihat Isi Recommendation Document</i> .....	106
Gambar VI. 10 <i>Halaman Final Result</i> .....	107
Gambar VI. 11 <i>Print Final Report</i> .....	107
Gambar VI. 12 <i>Halaman Comment Phase Untuk Reviewer</i> .....	108
Gambar VII. 1 <i>Deployment Diagram Pada Tahap Transition</i> .....	117
Gambar VII. 2 <i>Aggregate Report Single Tier Stress Testing Dengan 500 Users</i> .....	120
Gambar VII. 3 <i>Aggregate Report Single Tier Stress Testing Dengan 800 Users</i> .....	120
Gambar VII. 4 <i>Aggregate Report Single Tier Stress Testing Dengan 900 Users</i> .....	120
Gambar VII. 5 <i>Aggregate Report Multitier Stress Testing Dengan 500 Users</i> .	122
Gambar VII. 6 <i>Aggregate Report Multitier Stress Testing Dengan 900 Users</i> ..	122
Gambar VII. 7 <i>Aggregate Report Multitier Stress Testing Dengan 1300 Users</i>	122
Gambar VII. 8 <i>Aggregate Report Multitier Stress Testing Dengan 1400 Users</i>	122
Gambar VII. 9 <i>Perbandingan Average Response Time Single Tier dengan Multitier</i> .....	124
Gambar VII. 10 <i>Perbandingan Throughput Single Tier dengan Multitier</i> .....	125
Gambar VII. 11 <i>Perbandingan Error % Single Tier dengan Multitier</i> .....	125