

DAFTAR GAMBAR

Gambar II.1 <i>Building Blocks Domain Driven Design</i> (AgileDev, 2015).....	8
Gambar II.2 Tahapan <i>Iterative Incremental</i> (Chowdhury et al., 2017).....	10
Gambar II.3 Metode <i>Extreme Programming</i> (Carolina & Rusman, 2019).....	11
Gambar II.4 Cara Kerja REST API (Hostinger, 2022).....	19
Gambar II.5 Fase <i>Iterative and Incremental Model</i> (Wikiversity, 2021).....	24
Gambar III.1 Kerangka Berpikir.....	27
Gambar III.2 Sistematika Penyelesaian Masalah.....	28
Gambar IV.1 <i>Use Case Diagram Education Management System Modul Kesiswaan</i>	37
Gambar IV.2 <i>Activity Diagram Proses Login</i>	49
Gambar IV.3 <i>Activity Diagram Proses View Kehadiran</i>	49
Gambar IV.4 <i>Activity Diagram Proses View Agenda Hari Ini</i>	50
Gambar IV.5 <i>Activity Diagram Proses View Data Diri Siswa</i>	50
Gambar IV.6 <i>Activity Diagram Proses View Dispensasi Siswa</i>	51
Gambar IV.7 <i>Activity Diagram Proses View Logbook Pelanggaran</i>	52
Gambar IV.8 <i>Activity Diagram Proses View Informasi</i>	52
Gambar IV.9 <i>Activity Diagram Proses Submit Pengaduan</i>	53
Gambar IV.10 <i>Activity Diagram Proses Submit Kehadiran</i>	53
Gambar IV.11 <i>Activity Diagram Proses Submit Approval Dispensasi Siswa</i>	54
Gambar IV.12 <i>Activity Diagram Proses Submit Dispensasi Siswa</i>	55
Gambar IV.13 <i>Activity Diagram Proses View Perizinan Siswa</i>	55
Gambar IV.14 <i>Activity Diagram Proses Submit Perizinan Siswa</i>	56
Gambar IV.15 <i>Activity Diagram Proses Create Akun Guru</i>	57
Gambar IV.16 <i>Activity Diagram Proses Create Akun Siswa</i>	57
Gambar IV.17 <i>Activity Diagram Proses Create Akun Wali Murid</i>	58
Gambar IV.18 <i>Activity Diagram Proses View Akun Guru</i>	59
Gambar IV.19 <i>Activity Diagram Proses View Akun Siswa</i>	59

Gambar IV.20 <i>Activity Diagram</i> Proses <i>View</i> Akun Wali Murid.....	60
Gambar IV.21 <i>Activity Diagram</i> Proses <i>Submit</i> Informasi.....	60
Gambar IV.22 <i>Sequence Diagram</i> <i>Login</i>	61
Gambar IV.23 <i>Sequence Diagram</i> <i>View</i> Kehadiran.....	62
Gambar IV.24 <i>Sequence Diagram</i> <i>View</i> Agenda Hari Ini.....	62
Gambar IV.25 <i>Sequence Diagram</i> <i>View</i> Data Diri Siswa.....	63
Gambar IV.26 <i>Sequence Diagram</i> <i>View</i> Dispensasi Siswa.....	63
Gambar IV.27 <i>Sequence Diagram</i> <i>View</i> Logbook Pelanggaran.....	64
Gambar IV.28 <i>Sequence Diagram</i> <i>View</i> Informasi.....	64
Gambar IV.29 <i>Sequence Diagram</i> <i>Submit</i> Pengaduan.....	65
Gambar IV.30 <i>Sequence Diagram</i> <i>Submit</i> Kehadiran.....	65
Gambar IV.31 <i>Sequence Diagram</i> <i>Submit Approval</i> Dispensasi Siswa.....	66
Gambar IV.32 <i>Sequence Diagram</i> <i>Submit</i> Dispensasi Siswa.....	67
Gambar IV.33 <i>Sequence Diagram</i> <i>View</i> Perizinan Siswa.....	67
Gambar IV.34 <i>Sequence Diagram</i> <i>Submit</i> Perizinan Siswa.....	68
Gambar IV.35 <i>Sequence Diagram</i> <i>Create</i> Akun Guru.....	68
Gambar IV.36 <i>Sequence Diagram</i> <i>Create</i> Akun Siswa.....	69
Gambar IV.37 <i>Sequence Diagram</i> <i>Create</i> Akun Wali Murid.....	70
Gambar IV.38 <i>Sequence Diagram</i> <i>View</i> Akun Guru.....	70
Gambar IV.39 <i>Sequence Diagram</i> <i>View</i> Akun Siswa.....	71
Gambar IV.40 <i>Sequence Diagram</i> <i>View</i> Akun Wali Murid.....	72
Gambar IV.41 <i>Sequence Diagram</i> <i>Submit</i> Informasi.....	72
Gambar IV.42 <i>Entity Relationship Diagram</i> Aplikasi EMS.....	73
Gambar IV.43 <i>Class Diagram</i>	74
Gambar IV.44 <i>Deployment Diagram</i>	75
Gambar IV.45 <i>Domain-Driven Design Diagram</i>	76
Gambar V.1 Fitur <i>Login</i>	79
Gambar V.2 Fitur <i>View</i> Kehadiran.....	80

Gambar V.3 Fitur <i>View</i> Agenda Hari Ini.....	81
Gambar V.4 Fitur <i>View</i> Data Diri Siswa.....	82
Gambar V.5 Fitur <i>View</i> Dispensasi Siswa.....	83
Gambar V.6 Fitur <i>View</i> Logbook Pelanggaran.....	84
Gambar V.7 Fitur <i>View</i> Informasi.....	85
Gambar V.8 Fitur <i>Submit</i> Kehadiran.....	86
Gambar V.9 Fitur <i>Submit Approval</i> Dispensasi Siswa.....	87
Gambar V.10 Halaman <i>Login</i>	88
Gambar V.11 Halaman <i>View</i> Kehadiran.....	88
Gambar V.12 Halaman <i>View</i> Agenda Hari Ini.....	89
Gambar V.13 Halaman <i>View</i> Data Diri Siswa.....	89
Gambar V.14 Halaman <i>View</i> Dispensasi Siswa.....	90
Gambar V.15 Halaman <i>View</i> Logbook Pelanggaran.....	90
Gambar V.16 Halaman <i>View</i> Informasi.....	91
Gambar V.17 Guru <i>Submit</i> Kehadiran.....	91
Gambar V.18 Guru <i>Submit Approval</i> Dispensasi Siswa.....	92
Gambar V.19 Fitur <i>Submit</i> Dispensasi Siswa.....	97
Gambar V.20 Fitur <i>View</i> Perizinan Siswa.....	98
Gambar V.21 Fitur <i>Create</i> Akun Guru.....	99
Gambar V.22 Fitur <i>Create</i> Akun Siswa.....	100
Gambar V.23 Fitur <i>Create</i> Akun Wali Murid.....	101
Gambar V.24 Fitur <i>View</i> Akun Guru.....	102
Gambar V.25 Fitur <i>View</i> Akun Siswa.....	103
Gambar V.26 Fitur <i>View</i> Akun Wali Murid.....	104
Gambar V.27 Fitur <i>Submit</i> Informasi.....	105
Gambar V.28 Halaman <i>Submit</i> Dispensasi Siswa.....	106
Gambar V.29 Halaman <i>View</i> Perizinan Siswa.....	106
Gambar V.30 Halaman <i>Create</i> Akun Guru.....	107

Gambar V.31 Admin <i>Create</i> Akun Siswa.....	107
Gambar V.32 Halaman <i>Create</i> Akun Wali Murid.....	108
Gambar V.33 Halaman <i>View</i> Akun Guru.....	108
Gambar V.34 Halaman <i>View</i> Akun Siswa.....	109
Gambar V.35 Halaman <i>View</i> Akun Wali Murid.....	109
Gambar V.36 Halaman <i>Create</i> Informasi.....	110
Gambar V.37 <i>Response Time</i> 50 Pengguna.....	112
Gambar V.38 <i>Throughput</i> 50 Pengguna.....	112
Gambar V.39 <i>Response Time</i> 75 Pengguna.....	113
Gambar V.40 <i>Throughput</i> 75 Pengguna.....	113
Gambar V.41 <i>Response Time</i> 100 Pengguna.....	114
Gambar V.42 <i>Throughput</i> 100 Pengguna.....	114
Gambar V.43 Grafik Hasil <i>Load Testing</i>	114