

## DAFTAR ISI

ABSTRAK .....	i
<i>ABSTRACT</i> .....	ii
LEMBAR PENGESAHAN .....	iii
LEMBAR PERNYATAAN ORISINALITAS .....	iv
KATA PENGANTAR .....	i
DAFTAR ISI.....	iii
DAFTAR GAMBAR .....	x
DAFTAR TABEL.....	xiii
DAFTAR LAMPIRAN.....	xv
DAFTAR ISTILAH .....	xvi
Bab I PENDAHULUAN.....	1
I.1 Latar Belakang.....	1
I.2 Perumusan Masalah .....	5
I.3 Tujuan Penelitian .....	5
I.4 Batasan Penelitian.....	5
I.5 Manfaat Penelitian .....	6
I.6 Sistematika Penulisan .....	6
Bab II TINJAUAN PUSTAKA.....	9
II.1 Usaha Mikro, Kecil, dan Menengah (UMKM).....	9
II.2 <i>Reseller</i> .....	10
II.3 <i>Marketplace</i> .....	10
II.4 <i>Software Development Life Cycle (SDLC)</i> .....	11
II.5 <i>Waterfall</i> .....	11
II.6 <i>Agile</i> .....	12

II.6.1	<i>Scrum</i> .....	13
II.6.2	<i>Extreme Programming</i> .....	14
II.7	<i>Framework Laravel</i> .....	16
II.8	<i>Business Model Canvas (BMC)</i> .....	17
II.9	<i>Unit Testing</i> .....	19
II.10	<i>User Acceptance Testing (UAT)</i> .....	19
II.11	<i>Unified Modeling Language (UML)</i> .....	20
II.11.1	<i>Use Case Diagram</i> .....	20
II.11.2	<i>Activity Diagram</i> .....	22
II.11.3	<i>Class Diagram</i> .....	23
II.11.4	<i>Sequence Diagram</i> .....	24
II.11.5	<i>Deployment Diagram</i> .....	25
II.11.6	<i>Component Diagram</i> .....	25
II.12	<i>Penelitian Terdahulu</i> .....	27
Bab III	<i>Metodologi Penelitian</i> .....	30
III.1	<i>Model Konseptual</i> .....	30
III.2	<i>Sistematika Penyelesaian Masalah</i> .....	31
III.2.1	<i>Tahap Identifikasi</i> .....	32
III.2.2	<i>Tahap Pengembangan Sistem</i> .....	32
III.2.2.1	<i>Exploration</i> .....	32
III.2.2.2	<i>Planning</i> .....	32
III.2.2.3	<i>Iterations to Release</i> .....	32
III.2.2.4	<i>Productionizing</i> .....	33
III.2.2.5	<i>Maintenance</i> .....	33
III.2.2.6	<i>Death</i> .....	33
III.2.3	<i>Tahap Penutup</i> .....	33

III.3	Pengumpulan Data .....	33
III.4	Pengembangan Produk .....	34
III.5	Metode Evaluasi .....	35
III.6	Alasan Pemilihan Metode .....	35
Bab IV	Analisis dan Perancangan.....	37
IV.1	<i>Exploration</i> .....	37
IV.1.1	<i>Business Modelling</i> .....	38
IV.1.2	Hasil <i>Benchmarking</i> dengan Aplikasi Sejenis .....	41
IV.1.3	<i>User Story</i> .....	42
IV.2	<i>Planning</i> .....	45
IV.2.1	<i>Release Plan</i> .....	45
IV.2.2	<i>Iteration Planning</i> .....	48
IV.2.2.1	Tahap Perencanaan Iterasi Pertama .....	48
IV.2.2.2	Tahap Perencanaan Iterasi Kedua.....	49
IV.3	<i>Design</i> .....	49
IV.3.1	Analisis Proses Bisnis .....	50
IV.3.1.1	Proses Bisnis Membeli Produk.....	50
IV.3.1.2	Proses Bisnis Mendaftar Menjadi Member .....	52
<b>IV.3.2</b>	<b><i>Design Iterasi Pertama</i></b> .....	<b>53</b>
IV.3.2.1	<i>Use Case Diagram</i> .....	54
IV.3.2.2	<i>Use Case Scenario</i> .....	54
IV.3.2.3	<i>Activity Diagram</i> .....	66
IV.3.2.3.1	<i>Register</i> .....	66
IV.3.2.3.2	<i>Login</i> .....	67
IV.3.2.3.3	<i>Search Produk</i> .....	67
IV.3.2.3.4	<i>Filter Produk</i> .....	68

IV.3.2.3.5	Bandungkan Produk .....	68
IV.3.2.3.6	<i>Upload</i> Bukti Bayar .....	69
IV.3.2.3.7	Memilih Produk .....	70
IV.3.2.3.8	Membuat Pesanan .....	70
IV.3.2.3.9	Mengelola Keranjang .....	71
IV.3.2.3.10	Memberikan Ulasan Produk.....	71
IV.3.2.3.11	Melihat Riwayat Pesanan .....	72
IV.3.2.3.12	Mengelola <i>Profile</i> .....	73
IV.3.2.3.13	<i>Logout</i> .....	73
IV.3.2.4	Sequence Diagram .....	74
IV.3.2.4.1	<i>Register</i> .....	74
IV.3.2.4.2	<i>Login</i> .....	76
IV.3.2.4.3	<i>Search</i> Produk .....	76
IV.3.2.4.4	Filter Produk.....	77
IV.3.2.4.5	Bandungkan Produk .....	77
IV.3.2.4.6	<i>Upload</i> Bukti Bayar .....	78
IV.3.2.4.7	Memilih Produk .....	78
IV.3.2.4.8	Mengelola Keranjang .....	79
IV.3.2.4.9	Membuat Pesanan .....	80
IV.3.2.4.10	Memberikan Ulasan Produk.....	80
IV.3.2.4.11	Melihat Riwayat Pesanan .....	81
IV.3.2.4.12	Mengelola Profile.....	81
IV.3.2.4.13	<i>Logout</i> .....	82
IV.3.3	<i>Design</i> Iterasi Kedua .....	82
IV.3.3.1	Use Case Diagram .....	82
IV.3.3.2	<i>Use Case Scenario</i> .....	83

IV.3.3.3	<i>Activity Diagram</i> .....	92
IV.3.3.3.1	Mengelola Pesanan.....	93
IV.3.3.3.2	Reset Password.....	93
IV.3.3.3.3	<i>Chat Admin</i> .....	94
IV.3.3.3.4	Mengakses <i>FAQ</i> .....	95
IV.3.3.3.5	Mengakses <i>Course</i> .....	95
IV.3.3.3.6	<i>Chat Supplier</i> .....	96
IV.3.3.3.7	Mengakses Toko <i>Supplier</i> .....	96
IV.3.3.3.8	Daftar Member.....	97
IV.3.3.3.9	Melihat Forum Member.....	97
IV.3.3.3.10	Melihat List Toko Member.....	98
IV.3.3.3.11	Melihat Notifikasi.....	98
IV.3.3.4	<i>Sequence Diagram</i> .....	99
IV.3.3.4.1	Mengelola Pesanan.....	99
IV.3.3.4.2	Reset Password.....	100
IV.3.3.4.3	<i>Chat Admin</i> .....	101
IV.3.3.4.4	Mengakses <i>FAQ</i> .....	101
IV.3.3.4.5	Mengakses <i>Course</i> .....	102
IV.3.3.4.6	<i>Chat Supplier</i> .....	102
IV.3.3.4.7	Melihat Toko <i>Supplier</i> .....	103
IV.3.3.4.8	Daftar Member.....	103
IV.3.3.4.9	Forum Member.....	104
IV.3.3.4.10	Melihat List Toko Member.....	105
IV.3.3.4.11	Melihat Notifikasi.....	105
IV.3.4	<i>Class Diagram</i> .....	106
IV.3.5	<i>Component Diagram</i> .....	107

IV.3.6	<i>Deployment Diagram</i> .....	107
Bab V	Implementasi dan Pengujian .....	108
V.1	Implementasi.....	108
V.1.1	Iterasi Pertama.....	108
V.1.2	Iterasi Kedua .....	109
V.1.3	Tampilan Aplikasi.....	111
V.1.3.1	Registrasi .....	111
V.1.3.2	<i>Login</i> .....	111
V.1.3.3	Halaman <i>Home</i> .....	112
V.1.3.4	<i>Search</i> Produk.....	112
V.1.3.5	Filter Produk .....	113
V.1.3.6	Detail Produk .....	113
V.1.3.7	Keranjang.....	114
V.1.3.8	Bandingkan Produk.....	114
V.1.3.9	Pesanan .....	115
V.1.3.10	<i>Upload</i> Bukti Bayar .....	115
V.1.3.11	Riwayat Pesanan .....	116
V.1.3.12	Detail Pesanan.....	116
V.1.3.13	Ulasan .....	117
V.1.3.14	<i>Profile</i> .....	117
V.1.3.15	<i>Chat</i> .....	118
V.1.3.16	<i>Helpdesk</i> .....	118
V.1.3.17	<i>Logout</i> .....	119
V.1.3.18	<i>Course</i> .....	119
V.1.3.19	<i>FAQ</i> .....	120
V.1.3.20	Toko <i>Supplier</i> .....	120

V.1.3.21	Daftar Member.....	121
V.1.3.22	Member.....	121
V.1.3.23	Forum.....	122
V.1.3.24	Notifikasi .....	122
V.1.3.25	Lupa Password.....	123
V.2	Pengujian .....	123
V.2.1	Iterasi Pertama.....	123
V.2.2	Iterasi Kedua .....	128
Bab VI	Kesimpulan dan Saran .....	131
VI.1	Kesimpulan .....	131
VI.2	Saran .....	132
	DAFTAR PUSTAKA .....	133
	LAMPIRAN.....	cxl