

DAFTAR ISI

Abstrak	ii
Abstract	iii
Lembar Pengesahan	iv
Lembar Orisinalitas	v
Kata Pengantar	vi
Daftar Isi.....	viii
Daftar Gambar.....	xiii
Daftar Tabel	xvi
Daftar Lampiran	xviii
Daftar Istilah.....	xix
BAB I Pendahuluan	9
I.1 Latar Belakang	9
I.2 Rumusan Masalah.....	14
I.3 Tujuan Penelitian	14
I.4 Batasan Penelitian.....	15
I.5 Manfaat Penelitian	15
BAB II Tinjauan Pustaka.....	17
II.1 Usaha Mikro, Kecil dan Menengah	17
II.2 Pemasok	18
II.3 <i>Marketplace</i>	19
II.4 <i>Platform</i>	19
II.5 <i>Website</i>	19
II.6 <i>Software Development Life Cycle (SDLC)</i>	20
II.7 Metode Pengembangan Perangkat Lunak.....	22
II.7.1 <i>Waterfall</i>	22

II.7.2	<i>Agile</i>	24
II.7.3	<i>Scrum</i>	25
II.8	<i>Extreme Programming</i>	26
II.9	<i>Framework Laravel</i>	28
II.10	<i>Business Model Canvas (BMC)</i>	29
II.11	<i>Unified Modelling Language (UML)</i>	33
II.11.1	<i>Use Case Diagram</i>	33
II.11.2	<i>Activity Diagram</i>	34
II.11.3	<i>Sequence Diagram</i>	35
II.11.4	<i>Class Diagram</i>	36
II.11.5	<i>Component Diagram</i>	37
II.11.6	<i>Deployment Diagram</i>	38
II.12	<i>Metode Testing</i>	39
II.12.1	<i>User Acceptance Test (UAT)</i>	39
II.12.2	<i>Unit Testing</i>	41
II.13	<i>Penelitian Terdahulu</i>	42
BAB III	<i>Metodologi Penelitian</i>	44
III.1	<i>Model Konseptual</i>	44
III.2	<i>Sistematika penyelesaian Masalah</i>	45
III.2.1	<i>Tahap Pendahuluan</i>	47
III.2.2	<i>Tahap Pengembangan Sistem</i>	47
III.2.2.1	<i>Exploration</i>	47
III.2.2.2	<i>Planning</i>	48
III.2.2.3	<i>Iteration to Release</i>	48
III.2.2.4	<i>Putting into Production</i>	48
III.2.2.5	<i>Maintance</i>	48

III.2.2.5 <i>Death</i>	49
III.2.4 Penutup	49
III.3 Pengumpulan Data	49
III.4 Metode Evaluasi.....	50
III.5 Alasan Pemilihan Metode	50
BAB IV Analisis dan Perancangan	54
IV.1 <i>Exploration</i>	54
IV.1.1 <i>Business Modeling</i>	54
IV.1.2 <i>Benchmarking</i> Aplikasi.....	58
IV.1.3 <i>User Story</i>	59
IV.2 Tahap <i>Planning</i>	63
IV.2.1 <i>Release Plan</i>	63
IV.2.2 <i>Iteration Planning</i>	66
IV.2.2.1 Tahap Perencanaan Iterasi Pertama	66
IV.2.2.2 Tahap Perencanaan Iterasi Kedua.....	67
IV.3 Tahap <i>Design</i>	68
IV.3.1 Proses Bisnis	68
IV.3.1.1 Proses Bisnis Mengelola Pesanan.....	68
IV.3.1.2 Proses Bisnis Mengelola Produk	70
IV.3.2 Iterasi Pertama.....	72
IV.3.2.1 <i>Use Case Diagram</i>	72
IV.3.2.2 <i>Use Case Scenario</i>	74
IV.3.2.3 <i>Activity Diagram</i>	83
IV.3.2.4 <i>Sequence Diagram</i>	91
IV.3.3 Iterasi Kedua	98
IV.3.3.1 <i>Use Case Diagram</i>	98

IV.3.3.2	<i>Use Case Scenario</i>	100
IV.3.3.3	<i>Activity Diagram</i>	109
IV.3.3.4	<i>Sequence Diagram</i>	119
IV.3.4	<i>Class Diagram</i>	128
IV.3.5	<i>Component Diagram</i>	130
IV.3.6	<i>Deployment Diagram</i>	130
BAB V	Implementasi dan Pengujian.....	131
V.1	<i>Implementasi</i>	131
V.1.1	Iterasi <i>Extreme Programing</i> (XP) Fase Pertama.....	131
V.1.1.1	<i>Design</i>	132
V.1.2	Iterasi <i>Extreme Programming</i> (XP) Iterasi Kedua.....	132
V.1.2.1	<i>Design</i>	133
V.1.3	Tampilan Aplikasi.....	133
V.1.3.1	Fitur Registrasi.....	133
V.1.3.2	Fitur <i>Login</i>	134
V.1.3.3	Fitur Lupa Password	134
V.1.3.4	Fitur Manage Profil.....	135
V.1.3.5	Fitur Dashboard	135
V.1.3.6	Fitur Manage Produk	136
V.1.3.7	Fitur <i>View</i> Stok Produk.....	138
V.1.3.8	Fitur Manage Pesanan.....	138
V.1.3.9	Fitur <i>View</i> History Penjualan	139
V.1.3.10	Fitur <i>View</i> Ulasan Produk.....	140
V.1.3.11	Fitur Manage Bundling <i>Membership</i>	140
V.1.3.12	Fitur <i>View List</i> Member	141
V.1.3.13	Fitur Forum Member	142

V.1.3.14	Fitur Chat	143
V.1.3.15	Fitur <i>View</i> Bukti Transfer dari Admin.....	143
V.1.3.16	Fitur <i>View Learning Path (Courses)</i>	144
V.1.3.17	Fitur Artikel dan Kategori.....	144
V.1.3.18	Fitur Notifikasi.....	145
V.1.3.19	Fitur <i>Helpdesk</i>	145
V.2	Pengujian.....	146
V.2.1	Hasil <i>User Acceptance Test (UAT)</i> Iterasi Pertama	147
V.2.2	Hasil <i>User Acceptance Test (UAT)</i> Iterasi Kedua	155
BAB VI	Kesimpulan dan saran	159
VI.1.1	Kesimpulan	159
VI.1.2	Saran.....	160
Daftar Pustaka	161
Lampiran	166