

## DAFTAR ISI

Abstrak .....	i
Abstract .....	ii
Lembar Pengesahan .....	iii
Lembar Pernyataan Orisinalitas .....	iv
Kata Pengantar .....	v
Daftar Isi.....	vi
Daftar Gambar.....	x
Daftar Tabel .....	xii
Daftar Istilah.....	xiv
BAB I Pendahuluan .....	1
I.1 Latar Belakang .....	1
I.2 Rumusan Masalah .....	3
I.3 Tujuan Penelitian .....	3
I.4 Batasan Penelitian .....	3
I.5 Manfaat Penelitian .....	4
I.6 Sistematika Penulisan.....	5
BAB II Tinjauan Pustaka.....	7
II.1 <i>Vertical Crab House Aquatic</i> .....	7
II.2 Teknologi dan <i>Framework</i> .....	7
II.3 <i>Gestalt Principle</i> .....	8
II.4 Metode <i>Extreme Programming</i> .....	9
II.4.1 <i>Planning</i> .....	10
II.4.2 <i>User Stories</i> .....	10
II.4.3 <i>Design</i> .....	10
II.4.4 <i>Spike Prototype Solution</i> .....	10

II.4.5	<i>Coding</i> .....	11
II.4.6	<i>Refactoring</i> .....	11
II.4.7	Pair Programming .....	11
II.4.8	<i>Continous Integration</i> .....	11
II.4.9	Testing.....	12
II.5	<i>Acceptance Testing</i> .....	12
II.6	Black box Testing .....	12
II.7	Penelitian Terkait.....	14
BAB III	Metodologi Penelitian.....	20
III.1	Model Konseptual .....	20
III.2	Sistematika Penyelesaian Masalah .....	21
III.2.1	Tahap Pendahuluan .....	22
III.2.2	Tahap Pengembangan Perangkat Lunak .....	22
III.2.3	<i>Planning</i> .....	22
III.2.4	<i>Design</i> .....	22
III.2.5	<i>Coding</i> .....	23
III.2.6	Testing.....	23
III.2.7	Kesimpulan dan Saran.....	24
III.3	Alasan Pemilihan Metode.....	24
BAB IV	Analisis Dan Perancangan .....	25
IV.1	<i>Planning</i> .....	25
IV.1.1	Analisis Permasalahan .....	25
IV.1.2	Analisis Kebutuhan .....	26
IV.1.3	<i>User Stories</i> dan <i>Acceptance Criteria</i> .....	35
IV.1.4	Iteration Plan .....	38
IV.2	<i>Design</i> .....	41

IV.2.1	Use Case Diagram.....	41
IV.2.2	Activity Diagram.....	43
IV.2.3	Sequence Diagram.....	49
IV.2.4	Class Diagram.....	55
IV.2.5	Spike Prototype Solution.....	57
IV.2.6	Penerapan Gestalt Principle.....	59
IV.3	Coding.....	60
IV.4	Testing.....	60
IV.4.1	Blackbox Testing.....	60
IV.4.2	Acceptance Testing.....	63
BAB V	Implementasi Dan Pengujian.....	66
V.1	Iterasi Pertama.....	66
V.1.1	Planning.....	66
V.1.2	Design.....	67
V.1.3	Coding.....	69
V.1.4	Blackbox Testing.....	71
V.2	Iterasi Kedua.....	74
V.2.1	Planning.....	74
V.2.2	Design.....	75
V.2.3	Coding.....	76
V.2.4	Blackbox Testing.....	77
V.3	Iterasi Ketiga.....	79
V.3.1	Planning.....	79
V.3.2	Design.....	79
V.3.3	Coding.....	81
V.3.4	Blackbox Testing.....	83

V.4 <i>Acceptance Testing</i> .....	84
V.4.1 Aktor <i>Super Admin</i> .....	84
V.4.2 Aktor <i>Supply Merchant</i> .....	85
BAB VI Kesimpulan Dan Saran .....	88
VI.1 Kesimpulan.....	88
VI.2 Saran.....	89
Daftar Pustaka .....	90
Lampiran .....	93