

# DAFTAR ISI

Halaman

<b>LEMBAR PERNYATAN</b> .....	<b>i</b>
<b>LEMBAR PENGESAHAN</b> .....	<b>ii</b>
<b>KATA PENGANTAR</b> .....	<b>iii</b>
<b>ABSTRAK</b> .....	<b>iv</b>
<b>ABSTRACT</b> .....	<b>v</b>
<b>DAFTAR ISI</b> .....	<b>vi</b>
<b>DAFTAR GAMBAR</b> .....	<b>x</b>
<b>DAFTAR TABLE</b> .....	<b>xii</b>
<b>BAB I PENDAHULUAN</b> .....	<b>1</b>
1.1    Latar Belakang .....	1
1.2    Rumusan Masalah .....	2
1.3    Batasan Masalah .....	3
1.4    Tujuan dan Manfaat .....	3
1.4.1    Tujuan .....	3
1.4.2    Manfaat .....	3
1.5    Metode dalam Penelitian.....	4
1.5.1    Teknik Pengumpulan Data.....	4
1.5.2    Metode Pengembangan Sistem .....	4
1.6    Sistematika Penulisan .....	5
<b>BAB II LANDASAN TEORI</b> .....	<b>6</b>
2.1    Literature Review .....	6
2.2    Point of sales.....	8
2.3    Pengertian Rancangan.....	8
2.4    SDLC ( <i>System Development Life Cycle</i> ) .....	8

2.4.1	Model SDLC <i>Waterfall</i> .....	9
2.5	UML ( <i>Unified Modeling Language</i> ).....	10
2.6	Model <i>Use Case</i> .....	11
2.7	<i>Clas Diagram</i> .....	12
2.8	<i>Sequence Diagram</i> .....	13
2.9	<i>Actyvity Diagram</i> .....	14
2.10	Bahasa Pemrograman.....	16
2.10.1	HTML ( <i>HyperText Markup Language</i> ).....	16
2.10.2	PHP ( <i>Personal Home Page</i> ).....	16
2.10.3	CSS ( <i>Cascading Style Sheet</i> ).....	17
2.10.4	Jquery dan Java Script.....	17
2.11	Perangkat Lunak Pendukung Program.....	18
2.11.1	XAMPP.....	18
2.11.2	PhpMyAdmin.....	18
2.11.3	Basis Data.....	18
2.11.4	<i>MySQL</i> .....	19
<b>BAB III ANALISA DAN PERANCANGAN.....</b>		<b>20</b>
3.1	Profile <i>CHUCK'S BARBERSHOP</i> .....	20
3.2	Visi dan Misi.....	20
3.2.1	Visi <i>Chuck's Barbershop</i> .....	20
3.2.2	Misi <i>Chuck's Barbershop</i> .....	21
3.3	Struktur Organisasi <i>Chuck's Barbershop</i> .....	21
3.4	Deskripsi Pekerjaan.....	21
3.4.1	Deskripsi dan tanggung jawab <i>Owner</i> .....	21
3.4.2	Deskripsi dan tanggung jawab <i>Outlet Manager</i> .....	22
3.4.3	Deskripsi dan tanggung jawab Kasir.....	22
3.5	Analisa Sistem Berjalan.....	22
3.6	Identifikasi Masalah.....	24

3.7	Gambaran Sistem yang Diusulkan .....	25
3.8	Perancangan Sistem Usulan (Use Case) .....	26
3.9	Perancangan Sistem Usulan ( <i>Activity Diagram</i> ).....	34
3.9.1	Activity Diagram Usulan <i>LOGIN</i> .....	34
3.9.2	Activity Diagram Usulan <i>Add Employee</i> .....	35
3.9.3	Activity Diagram Usulan <i>Add Service</i> .....	36
3.9.4	Activity Diagram Usulan <i>Add Category Service</i> .....	37
3.9.5	Activity Diagram Usulan <i>Add Outlet</i> .....	38
3.9.6	Activity Diagram Usulan <i>Kelola User</i> .....	39
3.9.7	Activity Diagram Usulan <i>Add Discount</i> .....	40
3.9.8	Activity Diagram Usulan <i>Add Product</i> .....	41
3.9.9	Activity Diagram Usulan <i>Kelola Add Member</i> .....	42
3.9.10	Activity Diagram Usulan <i>Transaction</i> .....	43
3.9.11	Activity Diagram Usulan <i>Report Transaction</i> .....	44
3.9.12	Activity Diagram Usulan <i>View Product</i> .....	45
3.9.13	Activity Diagram Usulan <i>View Service</i> .....	46
3.9.14	Activity Diagram Usulan <i>View Employee</i> .....	47
3.9.15	Activity Diagram Usulan <i>View Member</i> .....	48
3.9.16	Activity Diagram Usulan <i>View Outlet</i> .....	49
3.10	Perancangan Sistem Usulan ( <i>Class Diagram</i> ).....	50
3.10.1	<i>Class Diagram Usulan</i> .....	50
3.10.2	Rancangan Struktur Table.....	51
3.11	Perancangan Sistem Usulan ( <i>Sequence Diagram</i> ) .....	58
3.11.1	<i>Sequence Diagram Usulan Login</i> .....	58
3.11.2	<i>Sequence Diagram Usulan Menu Employee</i> .....	59
3.11.3	<i>Sequence Diagram Usulan Menu Service</i> .....	60
3.11.4	<i>Sequence Diagram Usulan Menu Category Service</i> .....	61
3.11.5	<i>Sequence Diagram Usulan Menu Outlet</i> .....	62

3.11.6	<i>Sequence Diagram Usulan Menu User</i> .....	63
3.11.7	<i>Sequence Diagram Usulan Menu Settings Discount</i> .....	64
3.11.8	<i>Sequence Diagram Usulan Menu Product</i> .....	65
3.11.9	<i>Sequence Diagram Usulan Menu Member</i> .....	66
3.11.10	<i>Sequence Diagram Usulan Menu Transaction</i> .....	67
3.11.11	<i>Sequence Diagram Usulan Menu Report Transaction</i> .....	68
3.11.12	<i>Sequence Diagram Usulan Menu View Product</i> .....	69
3.11.13	<i>Sequence Diagram Usulan Menu View Service</i> .....	70
3.11.14	<i>Sequence Diagram Usulan Menu View experts</i> .....	71
3.11.15	<i>Sequence Diagram Usulan Menu View Member</i> .....	72
3.11.16	<i>Sequence Diagram Usulan Menu View Outlet</i> .....	73
<b>BAB IV IMPLEMENTASI DAN PENGUJIAN SISTEM</b> .....		<b>74</b>
4.1	Implementasi Sistem.....	74
4.2	Perangkat Keras .....	74
4.3	Perangkat Lunak .....	74
4.4	Implementasi Basis Data.....	75
4.5	Implementasi Antara Muka.....	82
4.6	Pengujian.....	89
4.6.1	Skenario Pengujian .....	90
4.6.2	Analisa Hasil Pengujian.....	93
<b>BAB V KESIMPULAN DAN SARAN</b> .....		<b>95</b>
5.1	Kesimpulan .....	95
5.2	Saran .....	95
<b>DAFTAR PUSTAKA</b> .....		<b>96</b>
<b>LAMPIRAN</b> .....		<b>98</b>