

## DAFTAR ISI

HALAMAN PERNYATAAN KEASLIAN SKRIPSI.....	ii
HALAMAN PENGESAHAN.....	iii
KATA PENGANTAR.....	iv
HALAMAN PERNYATAAN PERSETUJUAN PUBLIKASI SKRIPSI UNTUK KEPENTINGAN AKADEMIS.....	v
ABSTRAK.....	vi
ABSTRACT.....	vii
DAFTAR ISI.....	viii
DAFTAR TABEL.....	xi
DAFTAR GAMBAR.....	xii
BAB I PENDAHULUAN.....	1
1.1 Latar Belakang.....	1
1.2 Rumusan Masalah.....	3
1.3 Tujuan dan Manfaat.....	3
1.4 Ruang Lingkup.....	3
1.5 Sistematika Penulisan.....	4
BAB II LANDASAN TEORI.....	6
2.1 Tabungan.....	6
2.2 <i>Payment Gateway</i> .....	8
2.3 <i>ICONIX Process</i> .....	10
2.3.1 <i>Requirement</i> .....	11
2.3.2 <i>Analysis/Preliminary Design</i> .....	13
2.3.3 <i>Milestone 2 : Preliminary Design Review (PDR)</i> .....	15
2.3.4 <i>Detailed Design</i> .....	15
2.3.5 <i>Milestone 3 : Critical Design Review (CDR)</i> .....	17
2.3.6 <i>Implementation</i> .....	17
2.4 <i>Unified Modeling Language (UML)</i> .....	18
2.4.1 <i>Use Case Diagram</i> .....	18

2.4.2 <i>Sequence Diagram</i> .....	19
2.4.3 <i>Class Diagram</i> .....	20
2.5 Pengujian <i>Black Box</i> .....	21
BAB III METODOLOGI PENELITIAN.....	22
3.1 Metodologi Penelitian.....	22
3.2 Observasi.....	23
3.3 <i>Requirement</i> .....	23
3.4 <i>Analysis and Preliminary Design</i> .....	23
3.5 <i>Preliminary Design Review (PDR)</i> .....	24
3.6 <i>Detailed Design</i> .....	24
3.7 <i>Critical Design Review (CDR)</i> .....	24
3.8 <i>Implementation</i> .....	24
BAB IV HASIL DAN PEMBAHASAN.....	25
4.1 Observasi.....	25
4.2 <i>Requirement</i> .....	30
4.2.1 <i>Functional Requirement</i> .....	30
4.2.2 <i>Domain Modeling</i> .....	31
4.2.3 <i>Behavioral Requirement</i> .....	32
4.2.4 Requirement Review.....	61
4.3 <i>Analysis/Preliminary Design</i> .....	61
4.3.1 <i>Robustness Analysis</i> .....	61
4.3.2 <i>Update Domain Model</i> .....	87
4.4 <i>Preliminary Design Review</i> .....	88
4.5 <i>Detailed Design</i> .....	89
4.5.1 <i>Sequence Diagram</i> .....	89
4.5.2 Update Domain Model.....	125
4.6 <i>Critical Design Review (CDR)</i> .....	127
4.7 <i>Implementation</i> .....	130
4.7.1 Implementasi Basis Data.....	130
4.7.2 Implementasi Kode Program.....	131
4.7.3 Integrasi <i>Payment Gateway</i> .....	134
4.7.4 Implementasi Antarmuka.....	142

4.7.5 <i>Integrated And Scenario Testing</i> .....	161
BAB V KESIMPULAN.....	163
5.1 Kesimpulan.....	163
5.2 Saran.....	163
DAFTAR PUSTAKA.....	165
LAMPIRAN 1. Tabel Rencana Pengujian Aplikasi Tabungan Siswa.....	167
LAMPIRAN 2. Tabel Hasil Pengujian Aplikasi Tabungan Siswa.....	177