

## DAFTAR ISI

HALAMAN PERNYATAAN KEASLIAN SKRIPSI.....	ii
HALAMAN PENGESAHAN.....	iii
KATA PENGANTAR.....	iv
HALAMAN PERNYATAAN PERSETUJUAN PUBLIKASI SKRIPSI.....	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.....	2
1.3. Tujuan Penelitian.....	2
1.4. Manfaat Penelitian.....	3
1.5. Ruang Lingkup.....	3
1.6. Sistematika Penulisan.....	4
BAB II TINJAUAN PUSTAKA.....	6
2.1. Studi Literatur.....	6
2.2. <i>Human Resource Management System (HRMS)</i> .....	8
2.3. Sistem Informasi Peminjaman Ruangan.....	9
2.4. Sistem Informasi Penggajian.....	9
2.5. <i>ICONIX Process</i> .....	9
2.6. <i>Unified Modeling Language</i> .....	12
2.6.1. <i>Activity Diagram</i> .....	13
2.6.2. <i>Use Case Diagram</i> .....	13
2.6.3. <i>Class View</i> .....	14
2.7. Pengertian Aplikasi Web.....	15
2.8. <i>Front-End</i> .....	15
2.9. JavaScript.....	15
2.10. Next.js.....	16

2.11. <i>Black Box Testing</i> .....	16
2.12. <i>Usability Testing</i> .....	16
2.13. <i>Skala Likert</i> .....	17
BAB III METODOLOGI PENELITIAN.....	19
3.1. Tahap <i>Requirements</i> .....	20
3.2. <i>Milestone 1: Requirements Review</i> .....	20
3.3. Tahap <i>Analysis/Preliminary Design</i> .....	20
3.4. <i>Milestone 2: Preliminary Design Review</i> .....	21
3.5. Tahap <i>Detailed Design</i> .....	21
3.6. <i>Milestone 3: Critical Design Review</i> .....	22
3.7. Tahap <i>Implementation</i> .....	22
BAB IV HASIL DAN PEMBAHASAN.....	23
4.1. Tahap <i>Requirements</i> .....	23
4.1.1. Hasil Wawancara.....	23
4.1.2. Hasil Analisis Proses Bisnis.....	23
4.1.2.1. Proses Bisnis Manual.....	24
4.1.2.2. Proses Bisnis Aplikasi.....	26
4.1.3. <i>Functional Requirements</i> .....	29
4.1.4. <i>GUI Prototyping</i> .....	29
4.1.5. <i>Behavioral Requirements</i> .....	38
4.1.5.1. Analisis dan Perancangan UI/UX ( <i>User Interface/User Experience</i> ).....	38
4.1.5.2. Daftar <i>Use Case</i> .....	40
4.1.5.3. <i>Use Case Diagram</i> .....	40
4.1.5.4. <i>Use Case Scenario</i> .....	41
4.2. <i>Milestone 1: Requirements Review</i> .....	46
4.3. Tahap <i>Analysis/Preliminary Design</i> .....	46
4.4. <i>Milestone 2: Preliminary Design Review</i> .....	46
4.5. Tahap <i>Detailed Design</i> .....	47
4.6. <i>Milestone 3: Critical Design Review</i> .....	47
4.7. Tahap <i>Implementation</i> .....	47
4.7.1. Lingkungan Implementasi.....	48
4.7.2. Implementasi <i>Source Code</i> .....	48
4.7.3. Implementasi Antarmuka.....	49

4.7.4. Lingkungan Pengujian.....	58
4.7.5. Rencana dan Hasil Pengujian.....	58
4.7.5.1. Pengujian <i>Black Box</i> .....	58
4.7.5.2. Pengujian Kelayakan.....	59
BAB V KESIMPULAN DAN SARAN.....	65
5.1. Kesimpulan.....	65
5.2. Saran.....	66
DAFTAR PUSTAKA.....	67
LAMPIRAN-LAMPIRAN.....	69
LAMPIRAN 1. SURAT IJIN PENGAMBILAN DATA.....	70
LAMPIRAN 2. HASIL WAWANCARA.....	71
LAMPIRAN 3. <i>CLASS VIEW HRMS</i> .....	73
LAMPIRAN 4. PERANCANGAN UJI <i>BLACK BOX TESTING</i> .....	74
LAMPIRAN 5. HASIL UJI <i>BLACK BOX TESTING</i> .....	84
LAMPIRAN 6. JAWABAN RESPONDEN KUESIONER.....	110