

DAFTAR ISI

LEMBAR PENGESAHAN TUGAS AKHIR	i
LEMBAR PENGUJI SIDANG TUGAS AKHIR.....	ii
LEMBAR PERNYATAAN KEASLIAN TUGAS AKHIR.....	iii
ABSTRAK	iv
<i>ABSTRACT</i>	v
MOTTO DAN PERSEMBAHAN.....	vi
KATA PENGANTAR.....	vii
DAFTAR ISI.....	ix
DAFTAR GAMBAR.....	xii
DAFTAR TABEL	xiii
I. BAB I	I-1
1.1 Latar Belakang	I-1
1.2 Rumusan Masalah	I-5
1.3 Tujuan Penelitian	I-5
1.4 Batasan Masalah.....	I-6
1.5 Manfaat Penelitian	I-6
II. BAB II	II-1
TINJAUAN PUSTAKA	II-1
2.1 Landasan Teori.....	II-1
2.1.1 Aplikasi SiUKT.....	II-1
2.1.2 <i>Software Testing</i>	II-2
2.1.3 <i>Automation Testing</i>	II-2
2.1.4 <i>Performance Testing</i>	II-3
2.1.5 <i>Load Test</i>	II-3
2.1.6 <i>API (Application Programming Interface)</i>	II-4
2.1.7 <i>API Testing</i>	II-4

2.1.8	<i>Baseline Response time</i>	II-5
2.1.9	<i>Response time</i>	II-5
2.1.10	Jmeter	II-6
2.2	Penelitian Terkait	II-7
III.	BAB III	III-1
	METODOLOGI PENELITIAN	III-1
3.1	Tahapan Penelitian	III-1
3.1.1	Studi Literatur	III-2
3.1.2	Persiapan Pengujian	III-2
3.1.3	Pengujian	III-2
3.1.4	Laporan hasil pengujian	III-3
IV.	BAB IV	IV-1
	HASIL DAN PEMBAHASAN	IV-1
4.1	Persiapan Pengujian	IV-1
4.1.1	Analisis Spesifikasi API	IV-1
4.1.2	Skema Uji API	IV-1
4.1.3	Tahapan Load Testing	IV-3
4.2	Pengujian	IV-4
4.3	Hasil Pengujian	IV-5
4.4	Analisis Pengujian	IV-7
4.4.1	<i>Endpoint Login</i>	IV-7
4.4.2	<i>Endpoint User</i>	IV-8
4.4.3	<i>Endpoint Menu</i>	IV-10
4.4.4	<i>Endpoint Register</i>	IV-11
4.4.5	<i>Endpoint Permission</i>	IV-13
4.4.6	<i>Endpoint Periode</i>	IV-14
4.4.7	<i>Endpoint Hubungkan Akun Simak</i>	IV-16
4.4.8	<i>Endpoint Tagihan Listrik</i>	IV-17
4.4.9	<i>Endpoint Tagihan PBB</i>	IV-19
4.5	Laporan Hasil Pengujian	IV-22
4.5.1	Evaluasi	IV-22

4.5.2	Rekomendasi	IV-24
V.	BAB V	V-1
	KESIMPULAN DAN SARAN	V-1
5.1	Kesimpulan	V-1
5.1.1.	Kelebihan Penelitian	V-2
5.1.2.	Keterbatasan Penelitian	V-2
5.2	Saran.....	V-2
	DAFTAR PUSTAKA	4

DAFTAR GAMBAR

Gambar 2. 1 Beranda web SiUKT	II-2
Gambar 3. 1 Tahapan Penelitian	III-1
Gambar 4. 1 Diagram alir tahapan <i>load testing</i>	IV-4
Gambar 4. 2 <i>Summary report endpoint login</i>	IV-8
Gambar 4. 3 <i>View result tree endpoint login</i>	IV-8
Gambar 4. 4 <i>Summary report endpoint user</i>	IV-9
Gambar 4. 5 <i>View result tree endpoint user</i>	IV-10
Gambar 4. 6 <i>Summary report endpoint menu</i>	IV-11
Gambar 4. 7 <i>View result tree endpoint menu</i>	IV-11
Gambar 4. 8 <i>Summary report endpoint register</i>	IV-12
Gambar 4. 9 <i>View result tree endpoint register</i>	IV-13
Gambar 4. 10 <i>Summary report endpoint permission</i>	IV-14
Gambar 4. 11 <i>View result tree endpoint permission</i>	IV-14
Gambar 4. 12 <i>Summary report endpoint periode</i>	IV-15
Gambar 4. 13 <i>View result tree endpoint periode</i>	IV-16
Gambar 4. 14 <i>Summary report endpoint hubungkan akun simak</i>	IV-17
Gambar 4. 15 <i>View result tree endpoint hubungkan akun simak</i>	IV-17
Gambar 4. 16 <i>Summary report endpoint tagihan listrik</i>	IV-18
Gambar 4. 17 <i>View result tree endpoint tagihan listrik</i>	IV-19
Gambar 4. 18 <i>Summary report endpoint tagihan PBB</i>	IV-20
Gambar 4. 19 <i>View result tree endpoint tagihan PBB</i>	IV-20
Gambar 4. 20 <i>Summary report endpoint penyesuaian UKT</i>	IV-21
Gambar 4. 21 <i>View result tree endpoint penyesuaian UKT</i>	IV-22

DAFTAR TABEL

Tabel 2. 1 Penelitian Terkait	II-7
Tabel 2. 2 Matriks Penelitian Terkait.....	II-13