

DAFTAR ISI

HALAMAN JUDUL

LEMBAR PERSETUJUAN

LEMBAR PENGESAHAN

LEMBAR PERNYATAAN KARYA SENDIRI

HALAMAN PERSEMBAHAN

HALAMAN MOTTO

KATA PENGANTAR.....Error! Bookmark not defined.

ABSTRAKError! Bookmark not defined.

ABSTRACTError! Bookmark not defined.

DAFTAR ISI..... **i**

DAFTAR GAMBAR..... **iv**

DAFTAR TABEL **6**

BAB I PENDAHULUAN.....Error! Bookmark not defined.

1.1 Latar Belakang**Error! Bookmark not defined.**

1.2 Rumusan Masalah**Error! Bookmark not defined.**

1.3 Batasan Masalah.....**Error! Bookmark not defined.**

1.4 Tujuan.....**Error! Bookmark not defined.**

1.5 Manfaat.....**Error! Bookmark not defined.**

1.5.1 Manfaat Bagi Penyusun**Error! Bookmark not defined.**

1.5.2 Manfaat Bagi Pengguna**Error! Bookmark not defined.**

1.6 Kerangka Pemikiran**Error! Bookmark not defined.**

1.7 Metodologi Penelitian.....**Error! Bookmark not defined.**

1.8 Sistematika Penulisan.....**Error! Bookmark not defined.**

BAB II LANDASAN TEORIError! Bookmark not defined.

2.1 *State of The Art*.....**Error! Bookmark not defined.**

2.2 Kredit Pemilikan Rumah (KPR).....**Error! Bookmark not defined.**

2.3 Metode *Simple Additive Weighting* (SAW)**Error! Bookmark not defined.**

2.4	Metode <i>Weighted Product</i> (WP)	Error! Bookmark not defined.
2.5	Analisis Sistem	Error! Bookmark not defined.
2.5.1	Prototipe	Error! Bookmark not defined.
2.5.2	Pendekatan Terstruktur	Error! Bookmark not defined.
2.6	Bahasa Pemrograman	Error! Bookmark not defined.
2.6.1	PHP	Error! Bookmark not defined.
2.6.2	HTML	Error! Bookmark not defined.
2.6.3	SQL	Error! Bookmark not defined.
2.7	<i>Database</i>	Error! Bookmark not defined.
2.8	Pengujian <i>Black-Box</i>	Error! Bookmark not defined.
BAB III ANALISIS DAN PERANCANGAN		Error! Bookmark not defined.
3.1	Sistem Berjalan	Error! Bookmark not defined.
3.2	Sistem Diajukan	Error! Bookmark not defined.
3.3	Analisis Kebutuhan <i>Hardware</i> dan <i>Software</i>	Error! Bookmark not defined.
3.3.1	Kebutuhan <i>Hardware</i>	Error! Bookmark not defined.
3.3.2	Kebutuhan <i>Software</i>	Error! Bookmark not defined.
3.4	Arsitektur Sistem	Error! Bookmark not defined.
3.5	Arsitektur Aplikasi	Error! Bookmark not defined.
3.6	Analisis Kebutuhan Fungsional	Error! Bookmark not defined.
3.7	Analisis Kebutuhan Non Fungsional	Error! Bookmark not defined.
3.8	Analisis Metode	Error! Bookmark not defined.
3.8.1	Analisis Data Kriteria	Error! Bookmark not defined.
3.8.2	Analisis Data dengan Metode <i>Simple Additive Weighting</i>	Error! Bookmark not defined.
3.8.3	Analisis Data dengan Metode <i>Weighted Product</i>	Error! Bookmark not defined.
3.9	Perancangan Sistem	Error! Bookmark not defined.
3.9.1	<i>Context Diagram</i>	Error! Bookmark not defined.
3.9.2	<i>Data Flow Diagram</i> Level 1	Error! Bookmark not defined.
3.9.3	<i>Data Flow Diagram</i> Level 2	Error! Bookmark not defined.
3.9.4	<i>Data Dictionary</i>	Error! Bookmark not defined.
3.9.5	Struktur Tabel	Error! Bookmark not defined.

3.9.6	<i>Conceptual Data Model</i>	Error! Bookmark not defined.
3.9.7	<i>Physical Data Model</i>	Error! Bookmark not defined.
3.10	Perancangan Antarmuka.....	Error! Bookmark not defined.
3.10.1	Perancangan Antarmuka Halaman <i>Login</i>	Error! Bookmark not defined.
3.10.2	Perancangan Antarmuka Halaman Perhitungan	Error! Bookmark not defined.

BAB IV IMPLEMENTASI DAN PENGUJIAN ...Error! Bookmark not defined.

4.1	Implementasi Kebutuhan <i>Hardware</i> dan <i>Software</i>	Error! Bookmark not defined.
4.1.1	Kebutuhan <i>Hardware</i>	Error! Bookmark not defined.
4.1.1	Kebutuhan <i>Software</i>	Error! Bookmark not defined.
4.2	Implementasi Basis Data	Error! Bookmark not defined.
4.2.1	Implementasi Tabel <i>Customer</i>	Error! Bookmark not defined.
4.2.2	Implementasi Tabel Tipe	Error! Bookmark not defined.
4.2.3	Implementasi Tabel Kriteria.....	Error! Bookmark not defined.
4.2.4	Implementasi Tabel Model.....	Error! Bookmark not defined.
4.2.5	Implementasi Tabel Penilaian	Error! Bookmark not defined.
4.2.6	Implementasi Tabel Hasil.....	Error! Bookmark not defined.
4.2.7	Implementasi Tabel Nilai	Error! Bookmark not defined.
4.2.8	Implementasi Tabel Pengguna	Error! Bookmark not defined.
4.3	Implementasi Antarmuka	Error! Bookmark not defined.
4.3.1	Implementasi Antarmuka Tambah Data Tipe	Error! Bookmark not defined.
4.3.2	Implementasi Antarmuka Tambah Kriteria	Error! Bookmark not defined.
4.3.3	Implementasi Antarmuka Tambah Model	Error! Bookmark not defined.
4.3.4	Implementasi Antarmuka Tambah Penilaian	Error! Bookmark not defined.
4.3.5	Implementasi Antarmuka Tambah Persyaratan	Error! Bookmark not defined.
4.3.6	Implementasi Antarmuka Perhitungan	Error! Bookmark not defined.
4.4	Pengujian	Error! Bookmark not defined.
4.4.1	Pengujian Black-Box.....	Error! Bookmark not defined.

4.4.2 Pengujian Data**Error! Bookmark not defined.**
BAB V KESIMPULAN DAN SARANError! Bookmark not defined.
5.1 Kesimpulan.....**Error! Bookmark not defined.**
5.2 Saran**Error! Bookmark not defined.**
DAFTAR PUSTAKAError! Bookmark not defined.
LAMPIRAN.....Error! Bookmark not defined.
DAFTAR RIWAYAT HIDUPError! Bookmark not defined.



DAFTAR GAMBAR

Gambar 1. 1 Kerangka Pemikiran.....	6
Gambar 2. 1 Siklus Prototipe [12]	17
Gambar 3. 1 <i>Flowchart</i> Sistem Berjalan	26
Gambar 3. 2 <i>Flowchart</i> Sistem Diajukan.....	27
Gambar 3. 3 Arsitektur Sistem	29
Gambar 3. 4 Arsitektur Aplikasi	30
Gambar 3. 5 Alur kerja Metode SAW	43
Gambar 3. 6 <i>Context Diagram</i>	49
Gambar 3. 7 <i>Data Flow Diagram Level 1</i>	51
Gambar 3. 8 <i>Data Flow Diagram Level 2</i> Proses 1.2	56
Gambar 3. 9 <i>Data Flow Diagram Level 2</i> Proses 1.3	58
Gambar 3. 10 <i>Data Flow Diagram Level 2</i> Proses 1.4	62
Gambar 3. 11 <i>Data Flow Diagram Level 2</i> Proses 1.5	65
Gambar 3. 12 <i>Data Flow Diagram Level 2</i> Proses 1.6	68
Gambar 3. 13 <i>Data Flow Diagram Level 2</i> Proses 1. 7	68
Gambar 3. 15 <i>Conceptual Data Model</i> (CDM)	81
Gambar 3. 16 <i>Physical Data Model</i> (PDM)	82
Gambar 3. 17 Perancangan Antarmuka Halaman <i>Login</i>	83
Gambar 3. 18 Perancangan Antarmuka Halaman <i>Perhitungan</i>	84
Gambar 4. 1 Implementasi Tabel <i>Customer</i>	87
Gambar 4. 2 Implementasi Tabel Tipe.....	88
Gambar 4. 3 Implementasi Tabel Kriteria.....	88
Gambar 4. 4 Implementasi Tabel Model.....	89
Gambar 4. 5 Implementasi Tabel Penilaian	90
Gambar 4. 6 Implementasi Tabel Hasil.....	91
Gambar 4. 7 Implementasi Tabel Nilai	92
Gambar 4. 8 Implementasi Tabel Pengguna	93
Gambar 4. 9 Implementasi Antarmuka Tambah Data Tipe	94
Gambar 4. 10 Implementasi Antarmuka Tambah Data Kriteria	94
Gambar 4. 11 Implementasi Antarmuka Tambah Model.....	95

Gambar 4. 12 Implementasi Antarmuka Tambah Penilaian	95
Gambar 4. 13 Implementasi Antarmuka Tambah Persyaratan	96
Gambar 4. 14 Implementasi Antarmuka Perhitungan.....	97



DAFTAR TABEL

Tabel 2. 1 <i>State of The Art</i>	9
Tabel 2. 2 Definisi Simbol pada <i>System Flow</i> [12].....	19
Tabel 2. 3 Definisi Simbol pada <i>Data Flow Diagram</i> [12]	21
Tabel 2. 4 Definisi Simbol pada <i>Entity Relationship Diagram</i> [12].....	23
Tabel 3.1 Kebutuhan Fungsional	30
Tabel 3.2 Kebutuhan Non Fungsional	31
Tabel 3. 3 Kriteria dan Bobot Tipe 36 Angsuran 240.....	34
Tabel 3. 4 Kriteria dan Bobot Tipe 36 Angsuran 180.....	34
Tabel 3. 5 Kriteria dan Bobot Tipe 36 Angsuran 120.....	35
Tabel 3. 6 Kriteria dan Bobot Tipe 36 Angsuran 60.....	36
Tabel 3. 7 Kriteria dan Bobot Tipe 45 Angsuran 240.....	37
Tabel 3. 8 Kriteria dan Bobot Tipe 45 Angsuran 180.....	38
Tabel 3. 9 Kriteria dan Bobot Tipe 45 Angsuran 120.....	38
Tabel 3. 10 Kriteria dan Bobot Tipe 45 Angsuran 60.....	39
Tabel 3. 11 Kriteria dan Bobot Tipe 60 Angsuran 240.....	40
Tabel 3. 12 Kriteria dan Bobot Tipe 60 Angsuran 180.....	41
Tabel 3. 13 Kriteria dan Bobot Tipe 60 Angsuran 120.....	41
Tabel 3. 14 Kriteria dan Bobot Tipe 60 Angsuran 60.....	42
Tabel 3. 15 Data Nilai Bobot Kriteria.....	45
Table 3. 16 Hasil Perhitungan Nilai Bobot.....	48
Tabel 3. 17 Definisi Entitas.....	49
Tabel 3. 18 P-SPEC Proses 1.1	52
Tabel 3. 19 P-SPEC Proses 1.2	52
Tabel 3. 20 P-SPEC Proses 1.3	53
Tabel 3. 21 P-SPEC Proses 1.4	54
Tabel 3. 22 P-SPEC Proses 1.5	55
Tabel 3. 23 P-SPEC Proses 1.2.1	57
Tabel 3. 24 P-SPEC Proses 1.2.2	57
Tabel 3. 25 P-SPEC Proses 1.2.3	58
Tabel 3. 26 P-SPEC Proses 1.2.4	58

Tabel 3. 27 P-SPEC Proses 1.3.1	60
Tabel 3. 28 P-SPEC Proses 1.3.2	60
Tabel 3. 29 P-SPEC Proses 1.3.3	61
Tabel 3. 30 P-SPEC Proses 1.3.4	61
Tabel 3. 31 P-SPEC Proses 1.4.1	63
Tabel 3. 32 P-SPEC Proses 1.4.2	63
Tabel 3. 33 P-SPEC Proses 1.4.3	64
Tabel 3. 34 P-SPEC Proses 1.4.4	65
Tabel 3. 35 P-SPEC Proses 1.5.1	66
Tabel 3. 36 P-SPEC Proses 1.5.2	67
Tabel 3. 37 P-SPEC Proses 1.5.3	67
Tabel 3. 38 P-SPEC Proses 1.5.4	68
Tabel 3. 39 P-SPEC Proses 1.6.1	69
Tabel 3. 40 P-SPEC Proses 1.6.2	70
Tabel 3. 41 P-SPEC Proses 1.6.3	71
Tabel 3. 42 P-SPEC Proses 1.6.4	71
Tabel 3. 43 P-SPEC Proses 1.7.1	73
Tabel 3. 44 P-SPEC Proses 1.7.2	73
Tabel 3. 45 P-SPEC Proses 1.7.3	74
Tabel 3. 46 P-SPEC Proses 1.7.4	75
Tabel 3. 47 Kamus Data Pengguna	75
Tabel 3. 48 Kamus Data Tipe	75
Tabel 3. 49 Kamus Data Kriteria	75
Tabel 3. 50 Kamus Data <i>Customer</i>	77
Tabel 3. 51 Struktur Data Tabel <i>Customer</i>	77
Tabel 3. 52 Struktur Data Tabel Tipe	78
Tabel 3. 53 Struktur Data Tabel Kriteria	78
Tabel 3. 54 Struktur Data Tabel Model	79
Tabel 3. 55 Struktur Data Tabel Penilaian	79
Tabel 3. 56 Struktur Data Tabel Hasil	80
Tabel 3. 57 Struktur Data Tabel Nilai	80
Tabel 3. 58 Struktur Data Tabel Pengguna	80

Tabel 4.1 Pengujian <i>Black-Box</i>	99
Tabel 4.2 Pengujian Data	99

