BAB IV

PERANCANGAN SISTEM INFORMASI AKUNTANSI SIMPAN-PINJAM KOPERASI

4.1.Sistem Informasi Akuntansi Simpan-Pinjam Koperasi yang Diusulkan

Pada bab ini Peneliti akan memberikan usulan pada perancangan sistem informasi akuntansi koperasi yang berjalan, system yang diusulkan merupakan system yang sudah terkomputerisasi, diharapkan system yang diusulkan dapat membantu perusahaan dalam mengolah data transaksi simpan-pinjam koperasi dan mempermudah pekerjaan agar lebih efektif.

4.2. Kebijakan Sistem Akuntansi Simpan-Pinjam Koperasi yang Diusulkan

Adapun beberapa kebijakan yang diusulkan oleh peneliti berkaitan dengan Simpan-Pinjam Koperasi Simpan-Pinjam Koperasi, diantaranya:

A. Program SIA Simpan-Pinjam Koperasi menggunakan kata kunci pada setiap bagiannya untuk menghindari penyalahgunaan program sehingga hanya orang-orang tertentu yang bias masuk dan menggunakan aplikasi ini.

B. Seksi Simpan-Pinjam Koperasi mengelola pendaftaran anggota dan pendaftaran simpanan.

C. Proses Penjurnalan, buku besar dan laporan keuangan dilakukan oleh pihak bendahara dan akuntansi.

4.3.Nama Akun dan Kode Akun yang Diusulkan

Account dan code merupakan salah satu hal yang digunakan dan penting dalam pembuatan laporan keuangan, untuk itu *Account* dan *code* yang diusulkan adalah sebagai berikut:

Tabel 4.1 *Kode Akun yang Diusulkan*

Nama Akun	Kode Akun
Kas	1.1
Piutang	1.2
Simpanan Pokok	3.1
Simpanan Wajib	3.2
Simpanan Sukarela	3.3
Modal	3.7
Jasa Profisi	4.1
Bunga	4.2

4.4.Prancangan Model Sistem yang Diusulkan

Pada bab ini Peneliti akan memberikan usulan pada perancangan system akuntansi Simpan-Pinjam Koperasi yang berjalan, system yang diusulkan merupakan system secara terkomputerisasi dan system yang diusulkan tersebut diharapkan dapat lebih membantu dan mempermudah pada saat input data transaksi dan pembuatan laporan bias lebih akurat, sehingga waktu yang digunakan bias lebih efektif dan efisien.

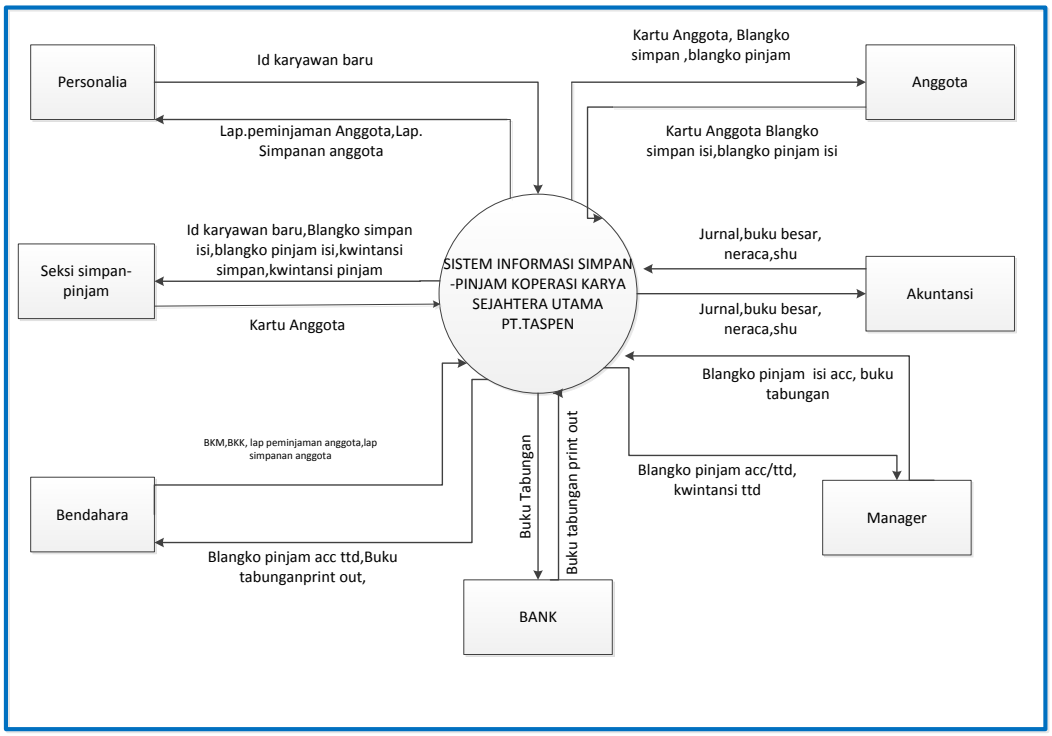
4.5. Diagram Alur data (*Data flow diagram*)yang Diusulkan

Data Flow Diagram berfungsi untuk menggambarkan system yang ada pada diagram konteks menjadi beberapa proses utama yang terjadi pada entitas yang terkait dalam system perancangan system informasi akuntansi Simpan-Pinjam Koperasi.

4.5.1 .Diagram Konteks

Diagram konteks yang peneliti usulkan adalah sebagai berikut:

DFD,Diagram Konteks

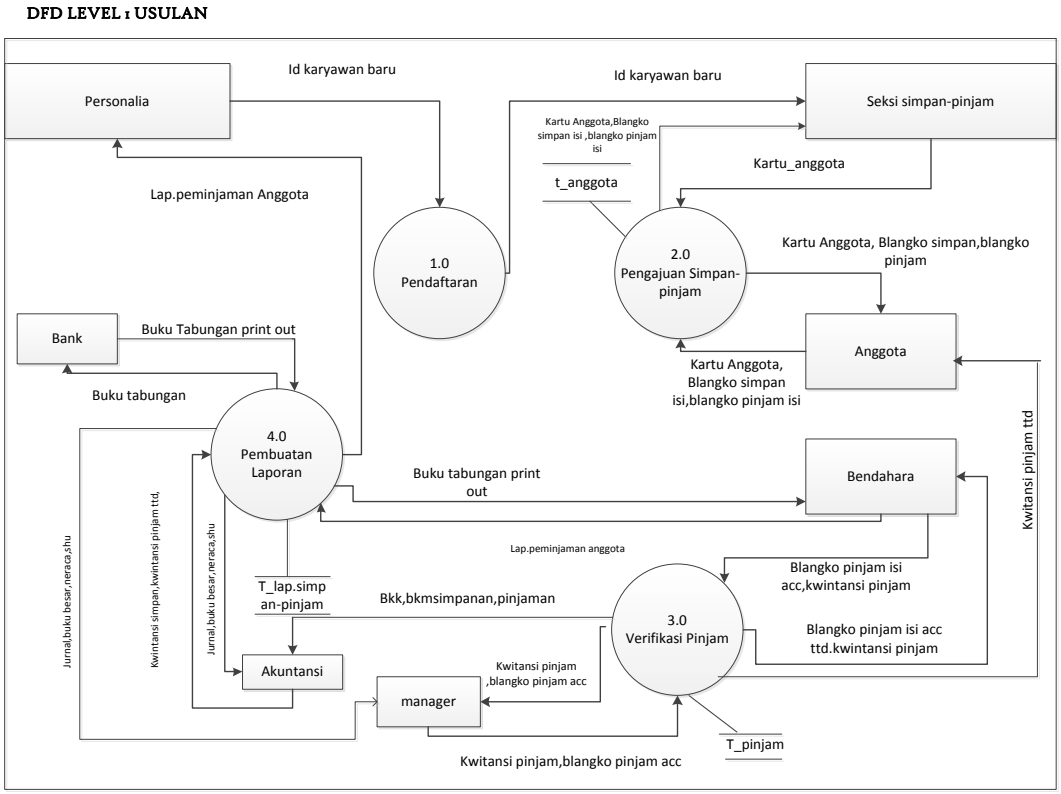


Gambar 4.1. *Diagram Konteks Usulan*

Diagram Konteks di atas dapat dijelaskan bahwa system informasi akuntansi simpan-pinjam Koperasi yang diusulkan terdiri dari entitas personalia, bendahara, seksi simpan-pinjam, bank, manager, akuntansi dan anggota. Dokumen atau data-data yang digunakan dalam sistem informasi akuntansi simpan-pinjam diatas adalah id karyawan baru, blangko simpan, blangko pinjam, buku tabungan, jurnal umum, buku besar, neraca dan SHU.

4.5.2.Diagram Alur Data Level 1

Diagram Level 1 yang peneliti usulkan adalah sebagai berikut:

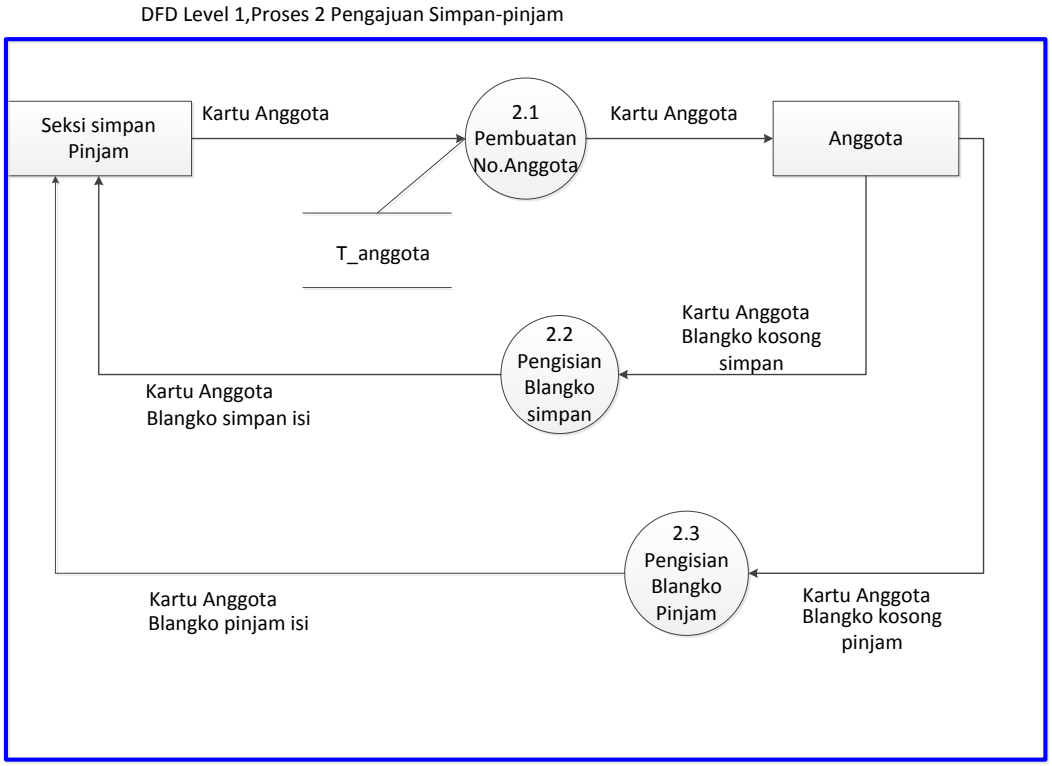


Gambar 4.2. *Diagram Arus data level 1 Usulan.*

Diagram arus data level 1 sistem informasi akuntansi simpan-pinjam koperasi yang diusulkan dapat dijalaskan dari proses 1.1 input data pendaftaran anggota baru, proses 1.2 menjelaskan proses pengajuan simpan-pinjam, proses 1.3 menjelaskan Verifikasi Pinjaman dan Proses 1.4 menjelaskan proses pembuatan laporan.

4.5.3.Diagram Arus Data level 1 proses 2

Adapun Diagram Arus data level 1 proses 2 yang diusulkan oleh peneliti adalah sebagai berikut:

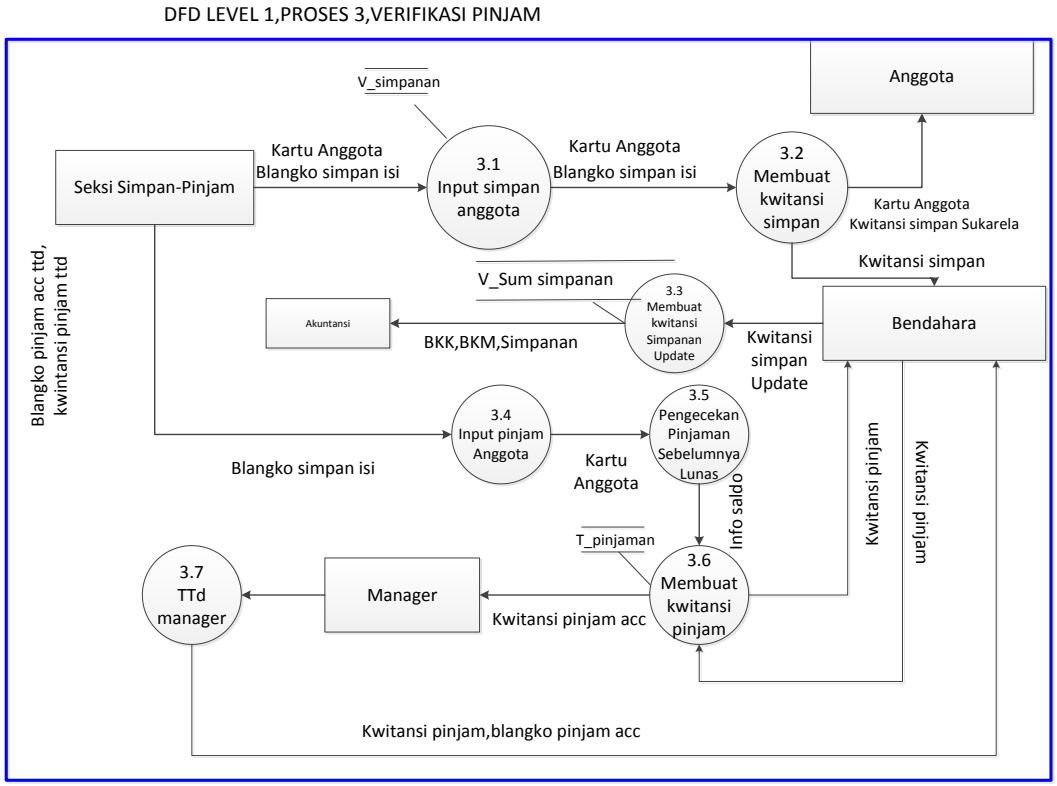


Gambar 4.3.*Diagram Arus Data level 1 proses 2 usulan*

DFD yang diusulkan di proses 2.1 menjelaskan proses pembuatan no anggota, proses 2.2 menjelaskan prooses pengisian blangko simpan dan 2.3 menjelaskan proses pengisian blangko pinjam.

4.5.4.Diagram Arus Data level 1 proses 3.

Diagram Arus data level 1 proses 3 yang diusulkan oleh peneliti:

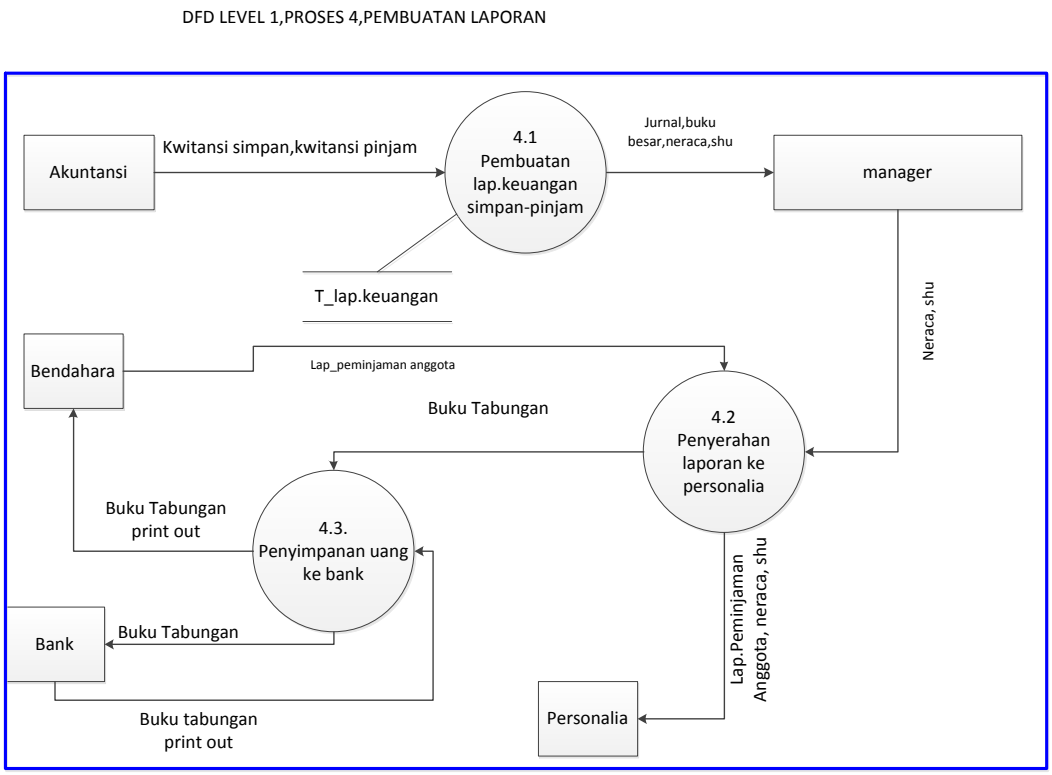


Gambar 4.4. *Diagram Arus Data level 1 proses 3 usulan*

DFD yang diusulkan di proses 3.1 menjelaskan bahwa, pada sistem yang ada terdapat proses Input simpan anggota, proses 3.2 menjelaskan proses membuat kwintansi simpan, proses 3.3 menjelaksan input pinjam anggota, proses 3.4 menjelaskan proses pengecekan saldo, proses 3.5 membuat kwintansi pinjam dan proses 3.6 menjelaskan ttd manager.

4.5.5 *Data Flow Diagram* level 1 proses 4

Data Flow Diagram (DFD) level 1 proses 4 terdiri dari lima entitas dan tiga proses. Proses 4 ini menerangkan mengenai pembuatan laporan transaksi. Untuk lebih jelasnya dapat dilihat pada gambar berikut ini :



Gambar 4.5. *Data Flow Diagram Level 1 proses 4 Usulan*

DFD yang diusulkan di proses 4.1 menjelaskan pembuatan lap.keuangan simpan pinjam, kemudian di proses 4.2 menjelaskan penyerahan laporan ke personalia dan proses 4.3 menjelaskan penyimpanan uang ke bank.

4.6.Kamus Data yang Diusulkan

Kamus data yang diusulkan oleh penulis adalah sebagai berikut:

Nama arus data	: No Anggota koperasi
Alias	: Identitas anggota baru
Bentuk data	: Dokumen cetakan komputer
Arus data	: Proses 1.1 - Personalia Proses 1.2 – Seksi simpan- pinjam
Penjelasan	:No Anggota untuk diberikan kepada Anggota untuk proses peminjaman dan simpan
Periode	:Setiap ada perekrutan karyawan baru
Volume	:Volume rata-rata setiap hari adalah 0
Struktur data	: no_anggota terdiri dari item data: Nik Anggota Nama Anggota Jabatan Anggota No_Anggota

Gambar 4.6 *Kamus data Dokumen no_anggota*

Nama arus data	: Blangko Simpan Sukarela Kosong
Alias	: Blangko Simpan Sukarela kosong
Bentuk data	: Dokumen cetakan komputer
Arus data	: Proses 1.2 – Seksi simpan-pinjam Proses 1.2 – Anggota
Penjelasan	: Pengisian blangko simpan pinjam untuk menyimpan dengan jenis simpanan sukarela.
Periode	:Setiap ada anggota yang akan menyimpan uang
Volume	:Volume rata-rata setiap bulan
Struktur data	: Blangko terdiri dari item data: No anggota Tanggal Simpan Sukarela Jumlah uang yang akan disetor.

Gambar 4.7 *Kamus Data Blangko Simpanan Kosong.*

Nama arus data : Blangko pinjam kosong
Alias : Blangko pinjam kosong
Bentuk data : Dokumen cetakan komputer
Arus data : Proses 1.2 - Anggota
Proses 1.2 – Seksi simpan- pinjam
Penjelasan : Pencetakan Blangko pinjam kosong untuk anggota yang akan mengajukan pinjaman.
Periode : Setiap ada anggota yang akan meminjam uang
Volume :Volume rata-rata setiap hari adalah 0
Struktur data : Blangko pinjam terdiri dari item data:
No Anggota
Tanggal Simpan
Jumlah uang yang akan diajukan.

Gambar 4.8 *Kamus Data Blangko Pinjam Kosong.*

Nama arus data : Blangko Simpanan Sukarela isi
Alias : Blangko Simpanan Sukarela isi
Bentuk data : Dokumen cetakan komputer
Arus data : Proses 1.2 - Anggota
Proses 1.2. Anggota
Penjelasan :Pengajuan pinjaman mengisi blangko untuk diberikan ke Seksi Simpan-Pinjam.
Periode : Setiap ada karyawan yang akan meminjam uang
Volume :Volume rata-rata setiap hari adalah 0
Struktur data : Blangko pinjam isi terdiri dari item data:
No Anggota
Tanggal Simpan Sukarela
Jumlah uang yang akan diajukan.
Ttd.
Bunga Simpan Sukarela

Gambar 4.9 *Kamus Data Blangko Pinjam isi.*

Nama arus data : Blangko pinjam isi
Alias : Blangko pinjam isi
Bentuk data : Dokumen cetakan komputer
Arus data : Proses 1.2 - Anggota
Proses 1.2-Seksi Simpan-Pinjam
Penjelasan :Blangko isi unuk penyimpanan kepada bendahara .
Periode : Setiap ada karyawan yang akan meminjam uang
Volume :Volume rata-rata setiap hari adalah 0
Struktur data : Blangko pinjam isi terdiri dari item data:
No Anggota
Tanggal Simpan
Jumlah uang yang akan disimpan.

Gambar 4.10 *Kamus Data Blangko simpan isi.*

Nama arus data : Jurnal Umum
Alias : JU
Bentuk data : Dokumen cetakan komputer
Arus data : Proses 1.2 - Anggota
Proses 1.4.- Akuntansi
Penjelasan :Berisi tentang dokumen laporan Keuangan.
Periode : Setiap ada transaksi
Volume :Volume rata-rata setiap hari adalah 0
Struktur data : Blangko pinjam isi terdiri dari item data:
No Anggota
No Bukti
Keterangan
Ref
Debit
Kredit

Gambar 4.11.*Kamus data dokumen jurnal umum*

Nama arus data : Buku Besar Umum
Alias : BBU
Bentuk data : Dokumen cetakan komputer
Arus data : Proses 1.2 - Anggota
Proses 1.4.- Akuntansi
Penjelasan :Berisi tentang dokumen laporan Keuangan.
Periode : Setiap ada transaksi
Volume :Volume rata-rata setiap hari adalah 0
Struktur data : Blangko pinjam isi terdiri dari item data:
No Anggota
No Bukti
Keterangan
Ref
Debit
Kredit
Saldo debit
Saldo kredit

Gambar 4.12.*Kamus data dokumen Buku besar umum*

Nama arus data : Neraca Saldo
Alias : NS
Bentuk data : Dokumen cetakan komputer
Arus data : Proses 1.2 - Anggota
Proses 1.4.- Akuntansi
Penjelasan :Berisi tentang dokumen laporan Keuangan.
Periode : Setiap ada transaksi
Volume :Volume rata-rata setiap hari adalah 0
Struktur data : Blangko pinjam isi terdiri dari item data:
Tanggal
No Akun
Nama Akun
Saldo Debit
Saldo Kredit
Total

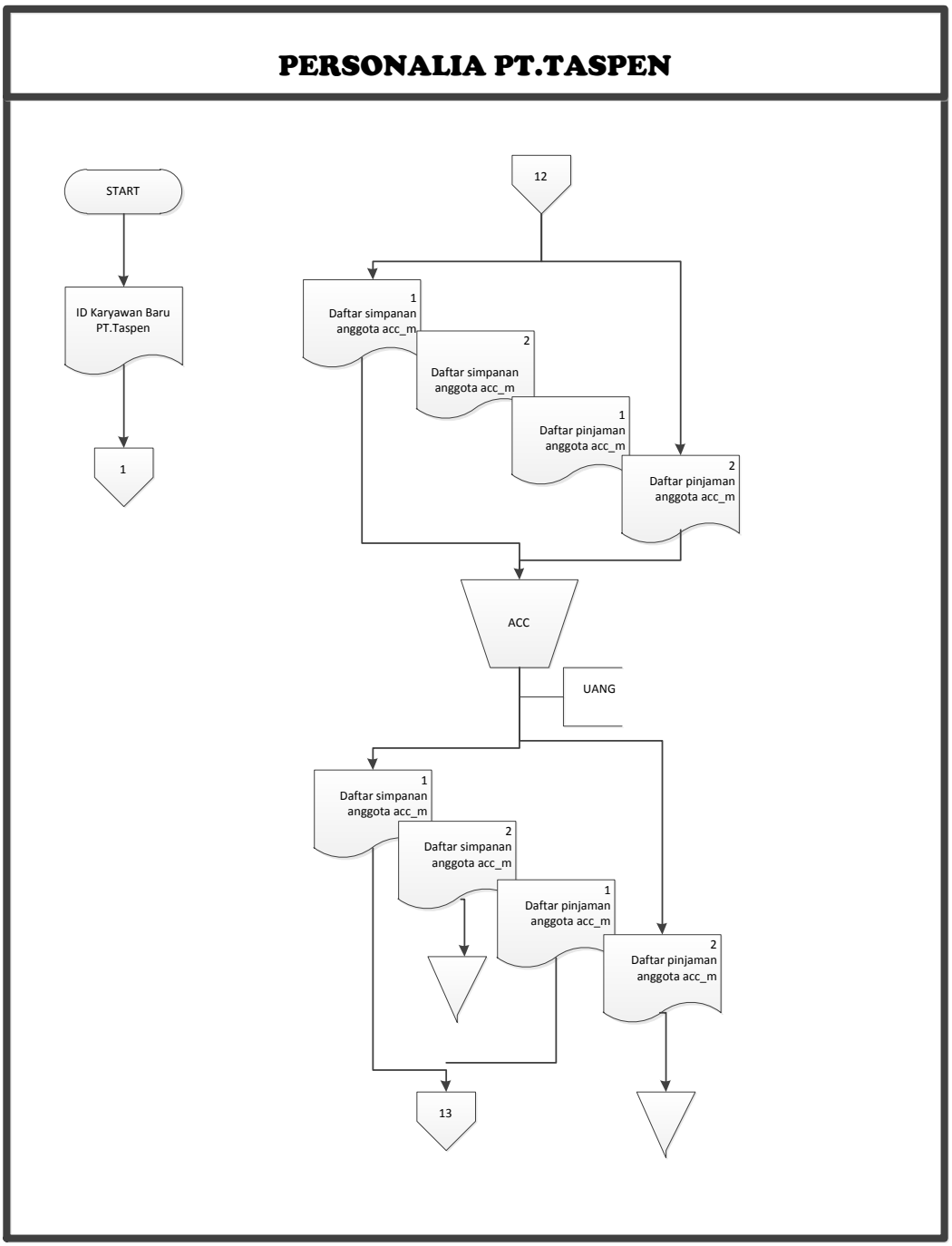
Gambar 4.13.*Kamus data dokumen neraca saldo*

Nama arus data	: SISA HASIL USAHA
Alias	: SHU
Bentuk data	: Dokumen cetakan komputer
Arus data	: Proses 1.2 - Anggota
	Proses 1.4.- Akuntansi
Penjelasan	: Berisi tentang dokumen laporan Keuangan.
Periode	: Posting dari laporan sebelumnya
Volume	:Volume rata-rata setiap hari adalah 0
Struktur data	: SHU terdiri dari item data:
	Partisipasi jasa pinjam
	Parisipasi jasa pinjam
	Bunga simpanan
	Pendapatan jasa
	Shu bersih
	Dana anggota
	Dana social
	Dana pengurus

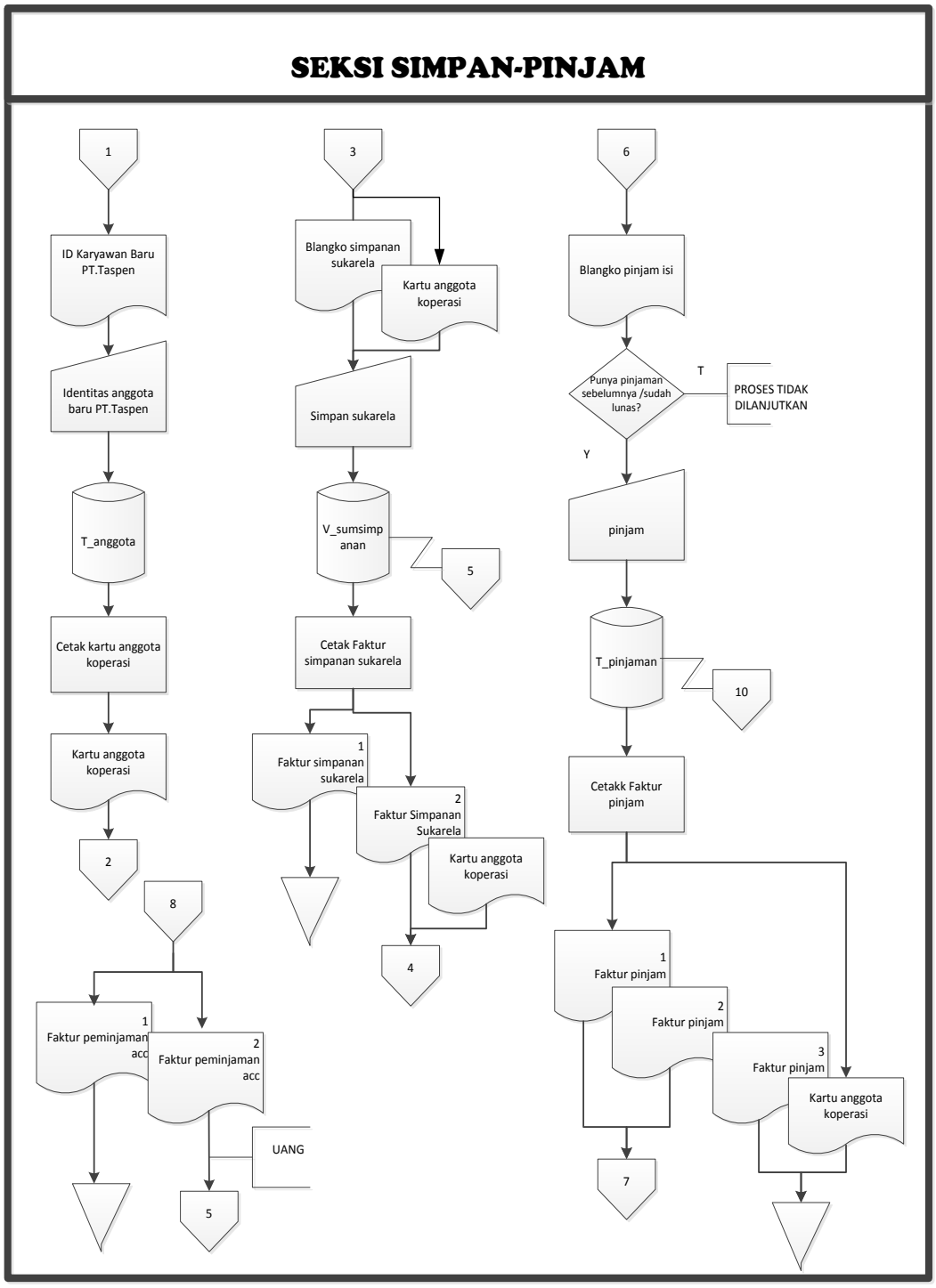
Gambar 4.14.*Kamus data dokumen SHU*

4.7. Bagan Alir (*Flowchart*) Sistem yang Diusulkan

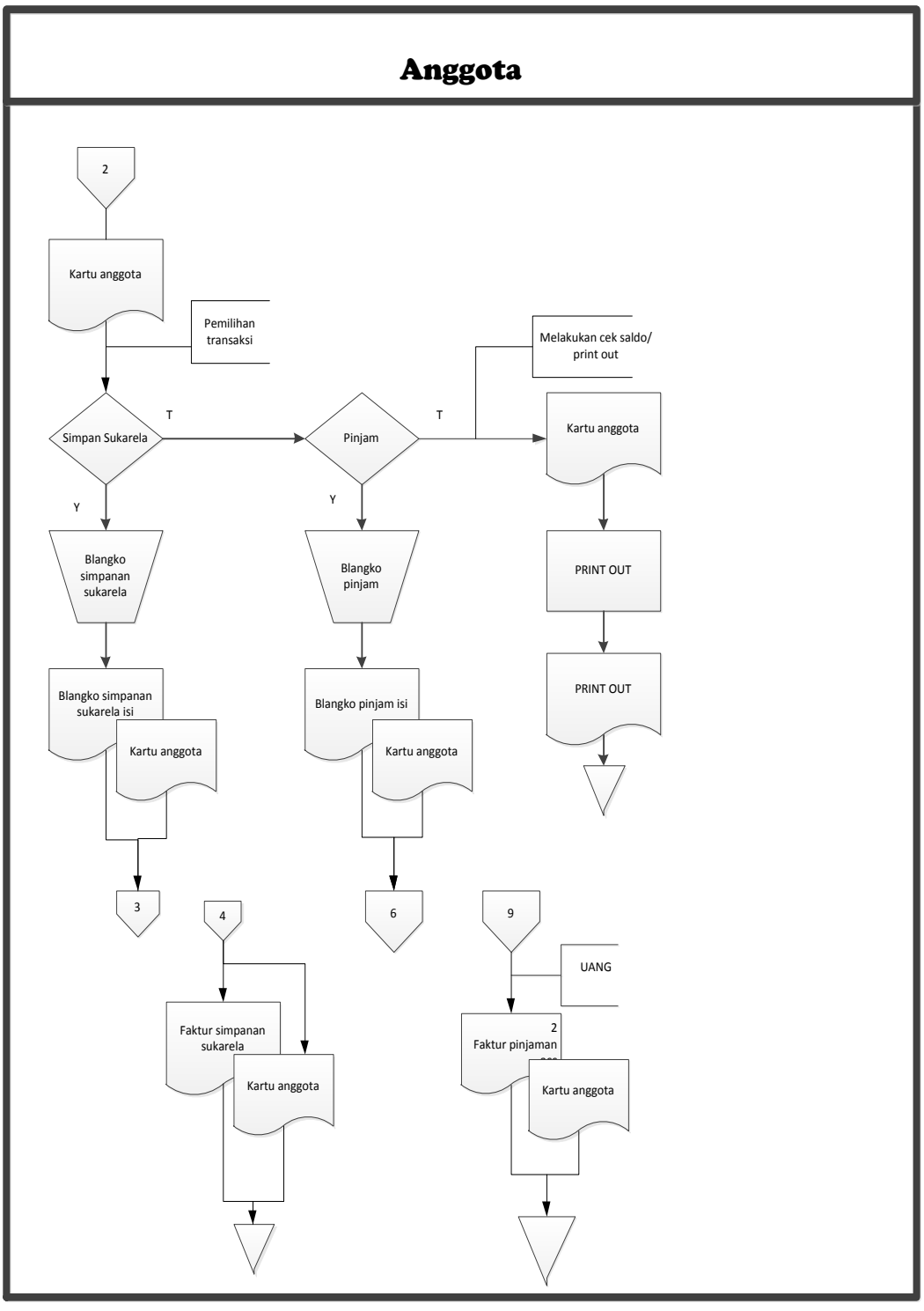
Bagan alir sistem yang diusulkan yang membentuk perancangan sistem infirmasi akuntansi simpan-pinjam digambarkan sebagai berikut:



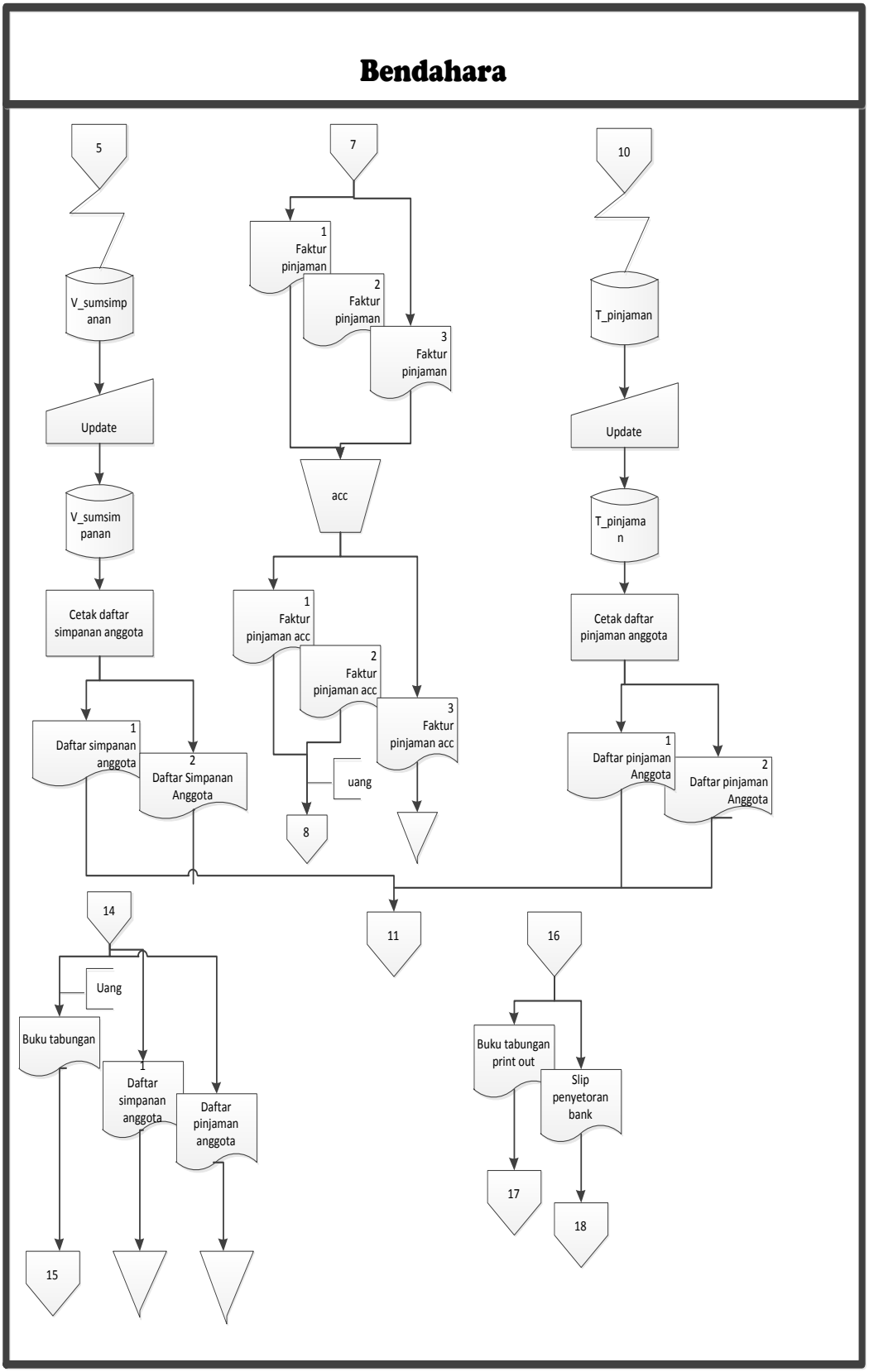
Gambar 4.15 *Flowchart usulan pada personalia PT.Taspen*



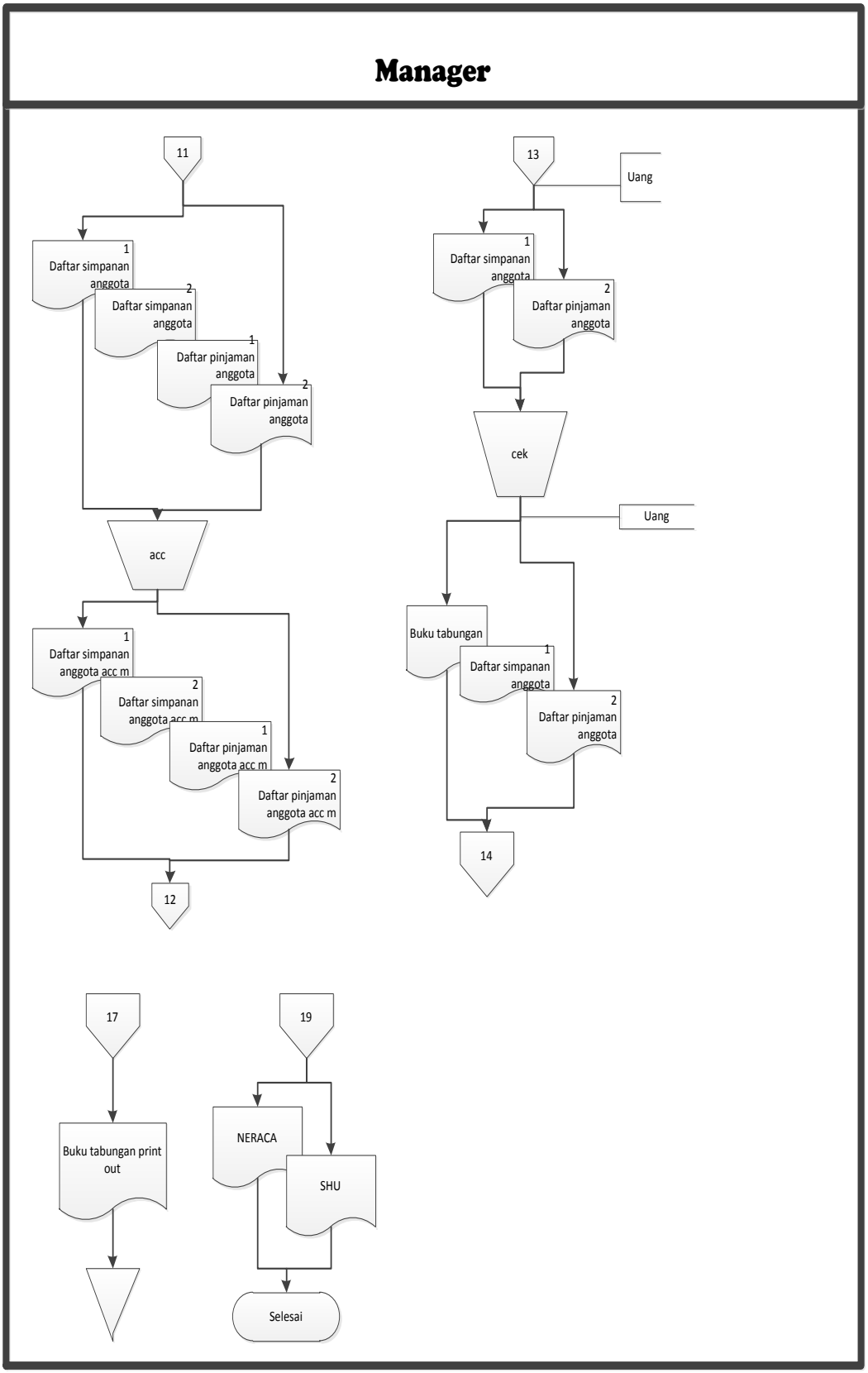
Gambar 4.16.*Flowvhart usulan pada Seksi Simpan-Pinjam*



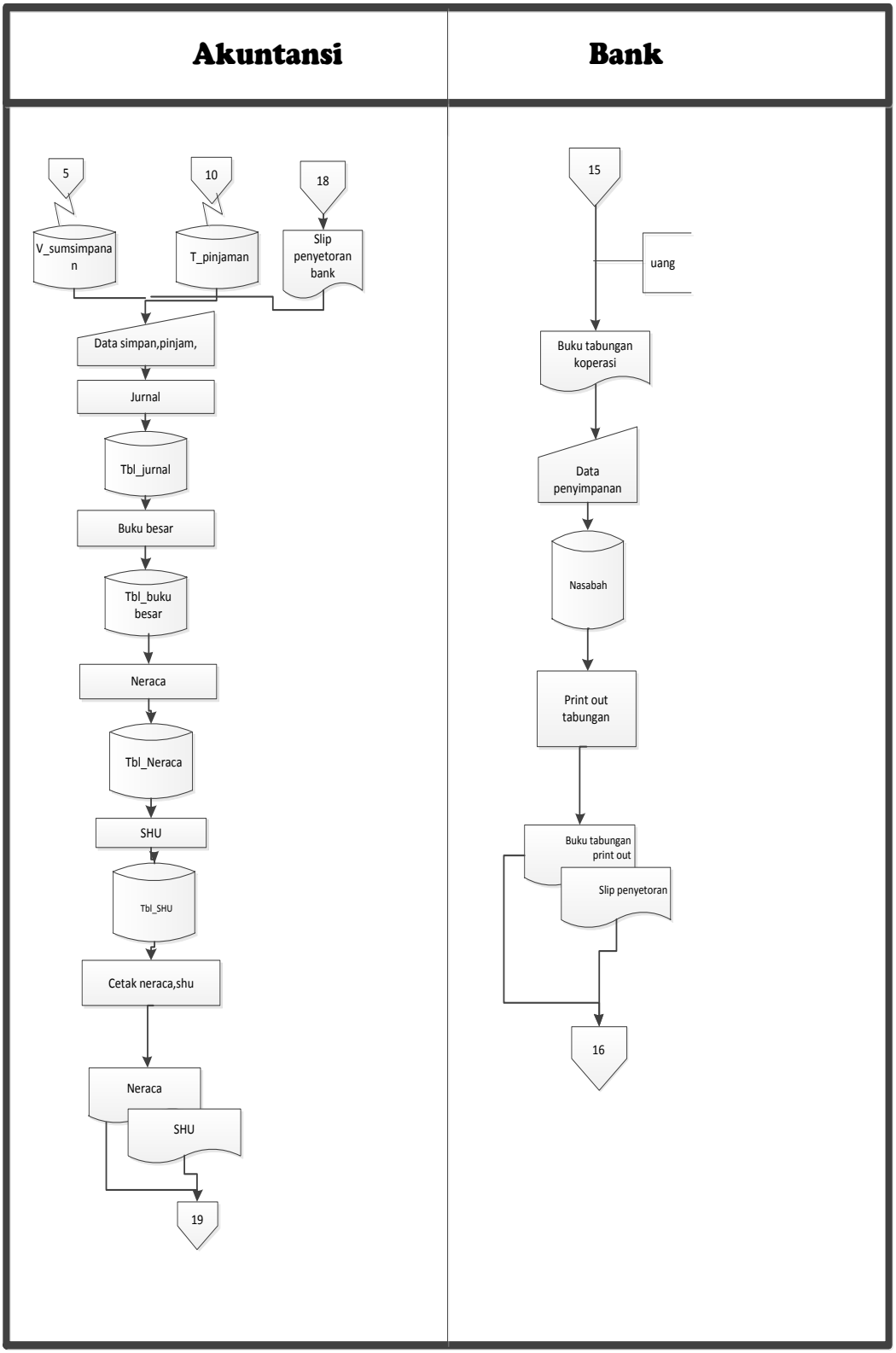
Gambar 4.17.*Flowvhart usulan pada Anggota*



Gambar 4.18.*Flowchart usulan pada bendahara*



Gambar 4.19.*Flowchart usulan pada Manager*

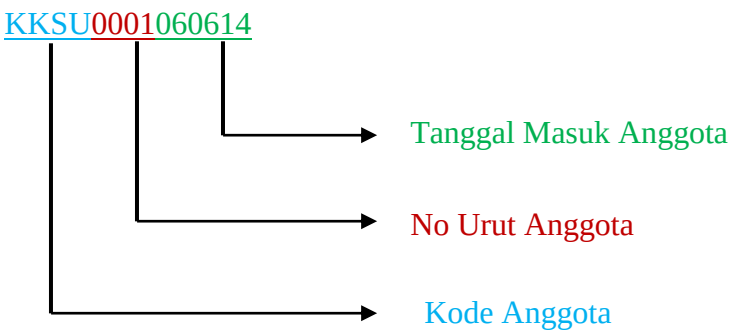


Gambar 4.20.*Flowchart usulan pada entitas Akuntansi dan Bank*

4.8. Perancangan Kode Kunci yang Diusulkan

Adapun perancangan untuk pengkodean yang digunakan oleh Peneliti adalah sebagai berikut:

A.Kode untuk Anggota baru Koperasi



B.Kode untuk Surat Keputusan Nominal Simpanan Wajib

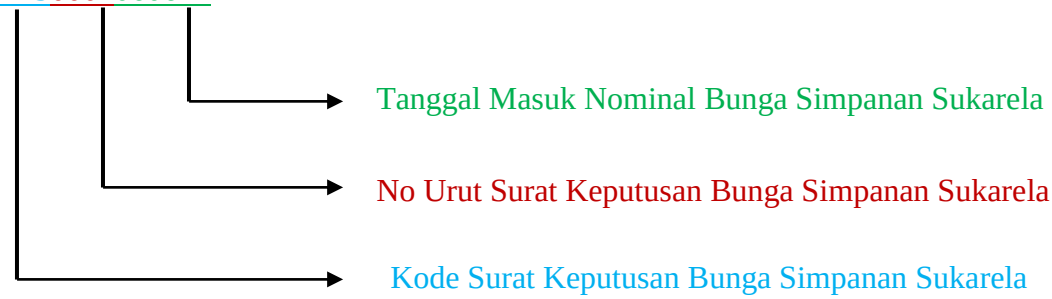


C .Kode untuk Surat Keputusan Nominal Simpanan Pokok



D .Kode untuk Surat Keputusan Nominal Bunga Simpanan Sukarela

SKBS0001060614



E .Kode untuk Surat Keputusan nominal Bunga Pinjaman

SKP0001060614

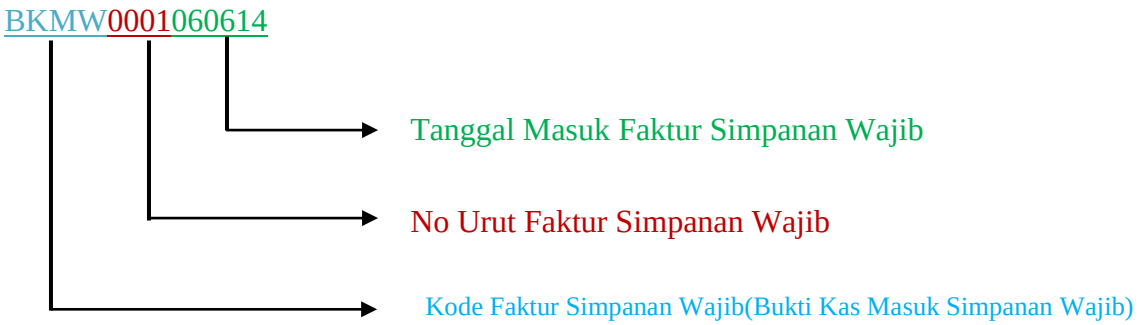


F .Kode untuk Nominal Modal Usaha

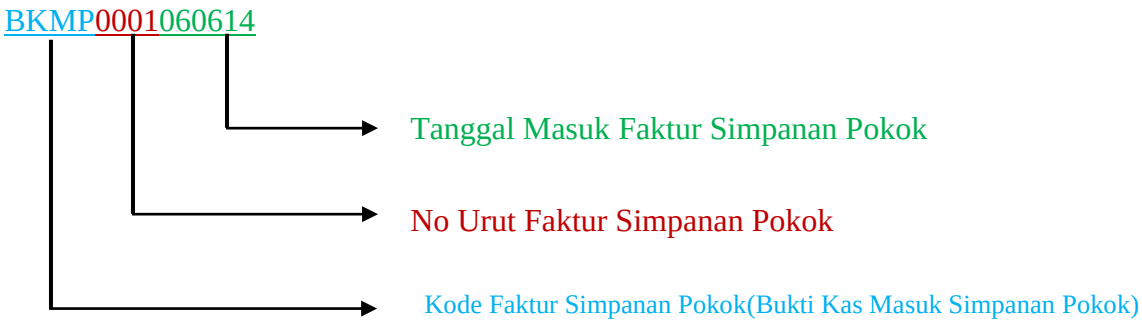
BKMC0001060614



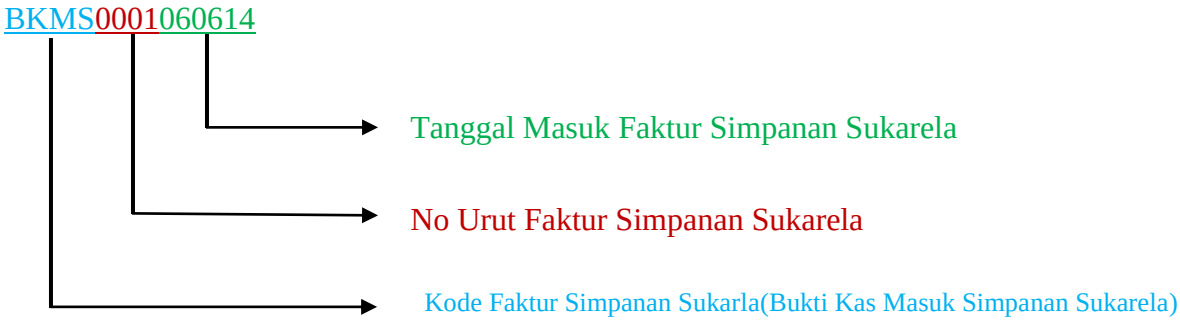
G .Kode untuk Transaksi Faktur Simpanan Wajib



H .Kode untuk Transaksi Faktur Simpanan Pokok



I .Kode untuk Transaksi Simpanan Sukarela



J .Kode untuk Transaksi Faktur Pengambilan Simpanan



K .Kode untuk Transaksi Faktur Pelunasan Simpanan Wajib

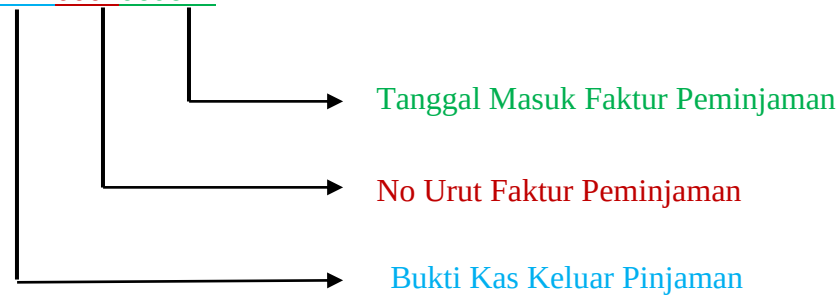


L .Kode untuk Transaksi Faktur Pelunasan Simpanan Pokok



M .Kode untuk Transaksi Faktur Peminjaman

BKKP0001060614



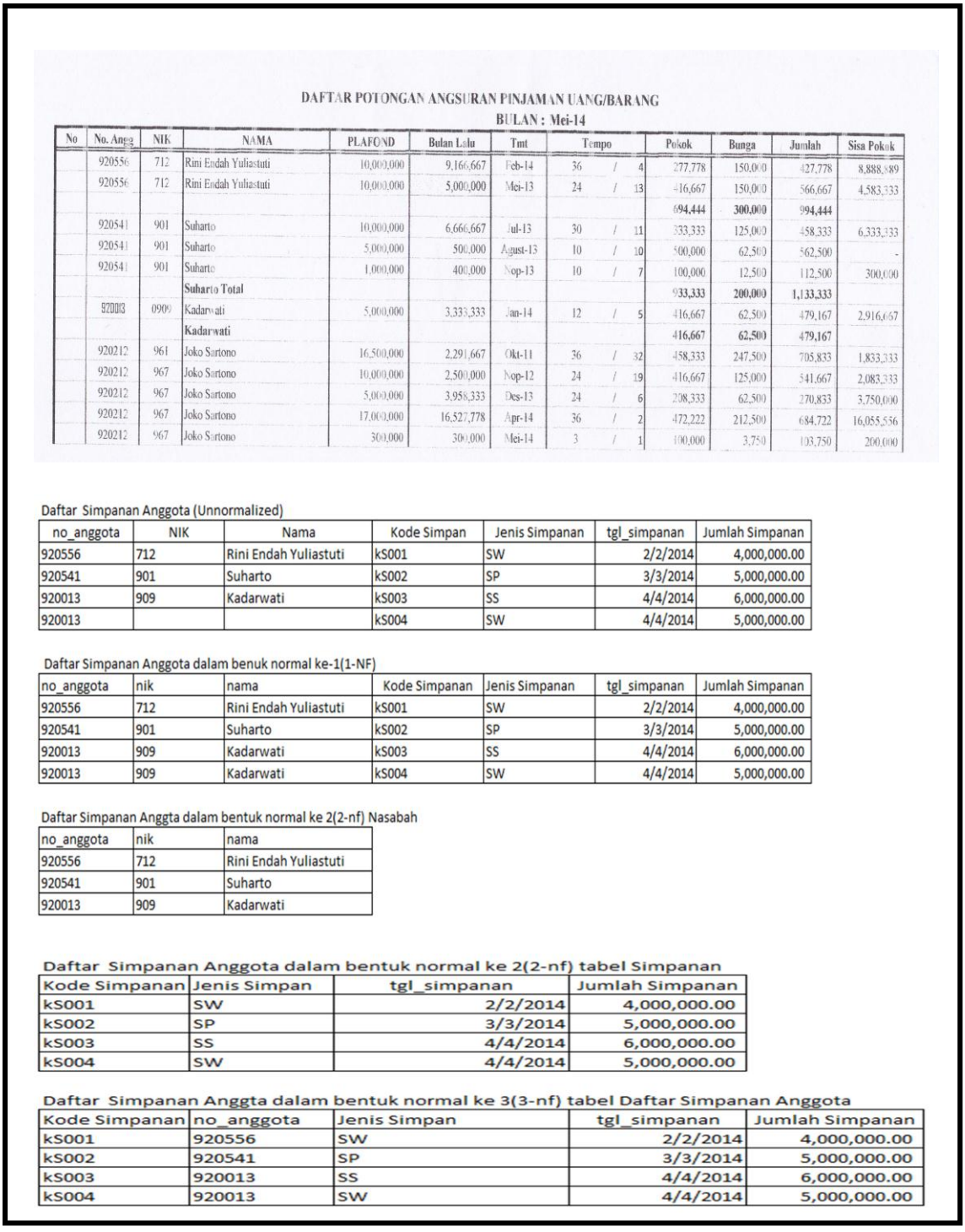
M .Kode untuk Transaksi Faktur Pembayaran Angsuran

BKMPA0001060614



4.9 Normalisasi yang Diusulkan

Adapun perancangan untuk pengkodean yang digunakan oleh peneliti adalah sebagai berikut:



DAFTAR POTONGAN ANGSURAN PINJAMAN UANG/BARANG

BULAN : Mei-14

No	No. Angg	NIK	NAMA	PLAFOND	Bulan Lalu	Tmt	Tempo	Pokok	Bunga	Jumlah	Sisa Pokok
	920556	712	Rini Endah Yuliastuti	10,000,000	9,166,667	Feb-14	36 / 4	277,778	150,000	427,778	8,888,889
	920556	712	Rini Endah Yuliastuti	10,000,000	5,000,000	Mei-13	24 / 13	416,667	150,000	566,667	4,583,333
								694,444	300,000	994,444	
	920541	901	Suharto	10,000,000	6,666,667	Jul-13	30 / 11	333,333	125,000	458,333	6,333,333
	920541	901	Suharto	5,000,000	500,000	Agust-13	10 / 10	500,000	62,500	562,500	-
	920541	901	Suharto	1,000,000	400,000	Nop-13	10 / 7	100,000	12,500	112,500	300,000
			Suharto Total					**933,333**	**200,000**	**1,133,333**	
	920013	0909	Kadarwati	5,000,000	3,333,333	Jan-14	12 / 5	416,667	62,500	479,167	2,916,667
			Kadarwati					**416,667**	**62,500**	**479,167**	
	920212	961	Joko Sartono	16,500,000	2,291,667	Okt-11	36 / 32	458,333	247,500	705,833	1,833,333
	920212	967	Joko Sartono	10,000,000	2,500,000	Nop-12	24 / 19	416,667	125,000	541,667	2,083,333
	920212	967	Joko Sartono	5,000,000	3,958,333	Des-13	24 / 6	208,333	62,500	270,833	3,750,000
	920212	967	Joko Sartono	17,000,000	16,527,778	Apr-14	36 / 2	472,222	212,500	684,722	16,055,556
	920212	967	Joko Sartono	300,000	300,000	Mei-14	3 / 1	100,000	3,750	103,750	200,000

Daftar Simpanan Anggota (Unnormalized)

no_anggota	NIK	Nama	Kode Simpan	Jenis Simpanan	tgl_simpanan	Jumlah Simpanan
920556	712	Rini Endah Yuliastuti	kS001	SW	2/2/2014	4,000,000.00
920541	901	Suharto	kS002	SP	3/3/2014	5,000,000.00
920013	909	Kadarwati	kS003	SS	4/4/2014	6,000,000.00
920013			kS004	SW	4/4/2014	5,000,000.00

Daftar Simpanan Anggota dalam benuk normal ke-1(1-NF)

no_anggota	nik	nama	Kode Simpanan	Jenis Simpanan	tgl_simpanan	Jumlah Simpanan
920556	712	Rini Endah Yuliastuti	kS001	SW	2/2/2014	4,000,000.00
920541	901	Suharto	kS002	SP	3/3/2014	5,000,000.00
920013	909	Kadarwati	kS003	SS	4/4/2014	6,000,000.00
920013	909	Kadarwati	kS004	SW	4/4/2014	5,000,000.00

Daftar Simpanan Anggta dalam bentuk normal ke 2(2-nf) Nasabah

no_anggota	nik	nama
920556	712	Rini Endah Yuliastuti
920541	901	Suharto
920013	909	Kadarwati

Daftar Simpanan Anggota dalam bentuk normal ke 2(2-nf) tabel Simpanan

Kode Simpanan	Jenis Simpan	tgl_simpanan	Jumlah Simpanan
kS001	SW	2/2/2014	4,000,000.00
kS002	SP	3/3/2014	5,000,000.00
kS003	SS	4/4/2014	6,000,000.00
kS004	SW	4/4/2014	5,000,000.00

Daftar Simpanan Anggta dalam bentuk normal ke 3(3-nf) tabel Daftar Simpanan Anggota

Kode Simpanan	no_anggota	Jenis Simpan	tgl_simpanan	Jumlah Simpanan
kS001	920556	SW	2/2/2014	4,000,000.00
kS002	920541	SP	3/3/2014	5,000,000.00
kS003	920013	SS	4/4/2014	6,000,000.00
kS004	920013	SW	4/4/2014	5,000,000.00

B. Daftar Angsuran Pinjaman

Tabel 4.3.*Daftar Angsuran Pinjaman*

Tabel Daftar Potongan Angsuran Pinjaman Uang/Barang Bulan Mei-14 yang belum normal(unnormalized)

No.Anggota	Nik	Nama	KTPA	KP	Plafond	Bulan Lalu	Tmt	Tempo	Angsuran Ke-	Pokok	Bunga	Jumlah	Sisa pokok	Bulan Bayar
920556	712	Rini Endah Yuliastuti	KTPA001	KP001	10,000,000.00	9,166,667.00	14-Feb	36	4	227,778.00	150,000.00	427,778.00	8,888,889.00	Mei
920556	712	Rini Endah Yuliastuti	KTPA002	KP002	10,000,000.00	5,000,000.00	13-Mei	24	13	416,667.00	150,000.00	566,667.00	4,583,333.00	Mei
										644,445.00	300,000.00	994,445.00		Mei
920541	901	Suharto	KTPA004	KP004	10,000,000.00	6,666,667.00	13-Jul	30	11	333,333.00	125,000.00	458,333.00	6,333,333.00	Mei
920541	901	Suharto	KTPA005	KP005	5,000,000.00	500,000.00	13-Agust	10	10	500,000.00	62,500.00	562,500.00	-	Mei
920541	901	Suharto	KTPA006	KP006	1,000,000.00	400,000.00	13-Nov	10	7	100,000.00	12,500.00	112,500.00	300,000.00	Mei
		Suharto total								933,333.00	200,000.00	1,133,333.00		Mei
920013	909	Kadarwati	KTPA008	KP008	5,000,000.00	3,333,333.00	14-Jan	12	5	416,667.00	62,500.00	479,167.00	2,916,667.00	Mei
		Kadarwati								416,667.00	62,500.00	479,167.00		Mei

Tabel Daftar Potongan Angsuran Pinjaman Uang/Barang Bulan Mei-14 dalam bentuk normal ke-1(1-NF)

No.Anggota	Nik	Nama	KTPA	KP	Plafond	Bulan Lalu	Tmt	Tempo	Angsuran Ke-	Pokok	Total Pokok	Bunga	Total Bunga	Jumlah	Total Jumlah	Sisa pokok	Bulan Bayar
920556	712	Rini Endah Yuliastuti	KTPA001	KP001	10,000,000.00	9,166,667.00	14-Feb	36	4	227,778.00	644,445.00	150,000.00	300,000.00	427,778.00	994,445.00	8,888,889.00	Mei
920556	712	Rini Endah Yuliastuti	KTPA002	KP002	10,000,000.00	5,000,000.00	13-Mei	24	13	416,667.00	644,445.00	150,000.00	300,000.00	566,667.00	994,445.00	4,583,333.00	Mei
920541	901	Suharto	KTPA004	KP004	10,000,000.00	6,666,667.00	13-Jul	30	11	333,333.00	933,333.00	125,000.00	200,000.00	458,333.00	1,133,333.00	6,333,333.00	Mei
920541	901	Suharto	KTPA005	KP005	5,000,000.00	500,000.00	13-Agust	10	10	500,000.00	933,333.00	62,500.00	200,000.00	562,500.00	1,133,333.00	-	Mei
920541	901	Suharto	KTPA006	KP006	1,000,000.00	400,000.00	13-Nov	10	7	100,000.00	933,333.00	12,500.00	200,000.00	112,500.00	1,133,333.00	300,000.00	Mei
920013	909	Kadarwati	KTPA008	KP008	5,000,000.00	3,333,333.00	14-Jan	12	5	416,667.00	41,667.00	62,500.00	62,500.00	479,167.00	479,167.00	2,916,667.00	Mei

Tabel Daftar Potongan Angsuran Pinjaman Uang/Barang Bulan Mei-14 dalam bentuk normal ke-2(2-NF) Table Nasabah

No.Anggota	Nik	Nama
920556	712	Rini Endah Yuliastuti
920556	712	Rini Endah Yuliastuti
920541	901	Suharto
920541	901	Suharto
920541	901	Suharto
920013	909	Kadarwati

Tabel Daftar Potongan Angsuran Pinjaman Uang/Barang Bulan Mei-14 dalam bentuk normal ke-2(2-NF) Table peminjaman

KP	Plafond	Tmt	Tempo
KP001	10,000,000.00	14-Feb	36
KP002	10,000,000.00	13-Mei	24
KP004	10,000,000.00	13-Jul	30
KP005	5,000,000.00	13-Agust	10
KP006	1,000,000.00	13-Nov	10
KP008	5,000,000.00	14-Jan	12

Tabel Daftar Potongan Angsuran Pinjaman Uang/Barang Bulan Mei-14 dalam bentuk normal ke-2(2-NF) Table Transaksi pembayaran Angsuran

KTPA	Bulan Lalu	Angsuran Ke-	Bulan Bayar	Pokok	Total Pokok	Bunga	Total Bunga	Jumlah	Total Jumlah	Sisa pokok
KTPA001	9,166,667.00	4	Mei	227,778.00	644,445.00	150,000.00	300,000.00	427,778.00	994,445.00	8,888,889.00
KTPA002	5,000,000.00	13	Mei	416,667.00	644,445.00	150,000.00	300,000.00	566,667.00	994,445.00	4,583,333.00
KTPA004	6,666,667.00	11	Mei	333,333.00	933,333.00	125,000.00	200,000.00	458,333.00	1,133,333.00	6,333,333.00
KTPA005	500,000.00	10	Mei	500,000.00	933,333.00	62,500.00	200,000.00	562,500.00	1,133,333.00	-
KTPA006	400,000.00	7	Mei	100,000.00	933,333.00	12,500.00	200,000.00	112,500.00	1,133,333.00	300,000.00
KTPA008	3,333,333.00	5	Mei	416,667.00	41,667.00	62,500.00	62,500.00	479,167.00	479,167.00	2,916,667.00

C. Daftar Simpanan Anggota

Tabel 4.4 *Daftar Simpanan Anggota*

Daftar Pengambilan Simpanan Anggota (Unnormalized)

no	no_anggota	NIK	Nama	Kode Pengambilan	Sk_keluar	tgl_PS	Jumlah PS
	920556	712	Rini Endah Yuliastuti	kp001	sk001	1/6/2014	4,000,000.00
	920541	901	Suharto	kp002	sk003	1/7/2014	5,000,000.00
	920013	909	Kadarwati	kp003	sk006	1/8/2014	6,000,000.00

Daftar Pengambilan Simpanan Anggota dalam benuk normal ke-1(1-NF)

no	no_anggota	nik	nama	Kode Pengambilan	Sk_keluar	tgl_PS	Jumlah PS
1	920556	712	Rini Endah Yuliastuti	kp001	sk001	1/6/2014	4,000,000.00
2	920541	901	Suharto	kp002	sk003	1/7/2014	5,000,000.00
3	920013	909	Kadarwati	kp003	sk006	1/8/2014	6,000,000.00

Daftar Pengambilan Simpanan Anggta dalam bentuk normal ke 2(2-nf) Nasabah

no	no_anggota	nik	nama	Sk_keluar
1	920556	712	Rini Endah Yuliastuti	sk001
2	920541	901	Suharto	sk003
3	920013	909	Kadarwati	sk006

Daftar Pengambilan Simpanan Anggta dalam bentuk normal ke 2(2-nf) tabel pengambilan

Kode Pengambilan	tgl_PS	Jumlah PS
kp001	1/6/2014	4,000,000.00
kp002	1/7/2014	5,000,000.00
kp003	1/8/2014	6,000,000.00

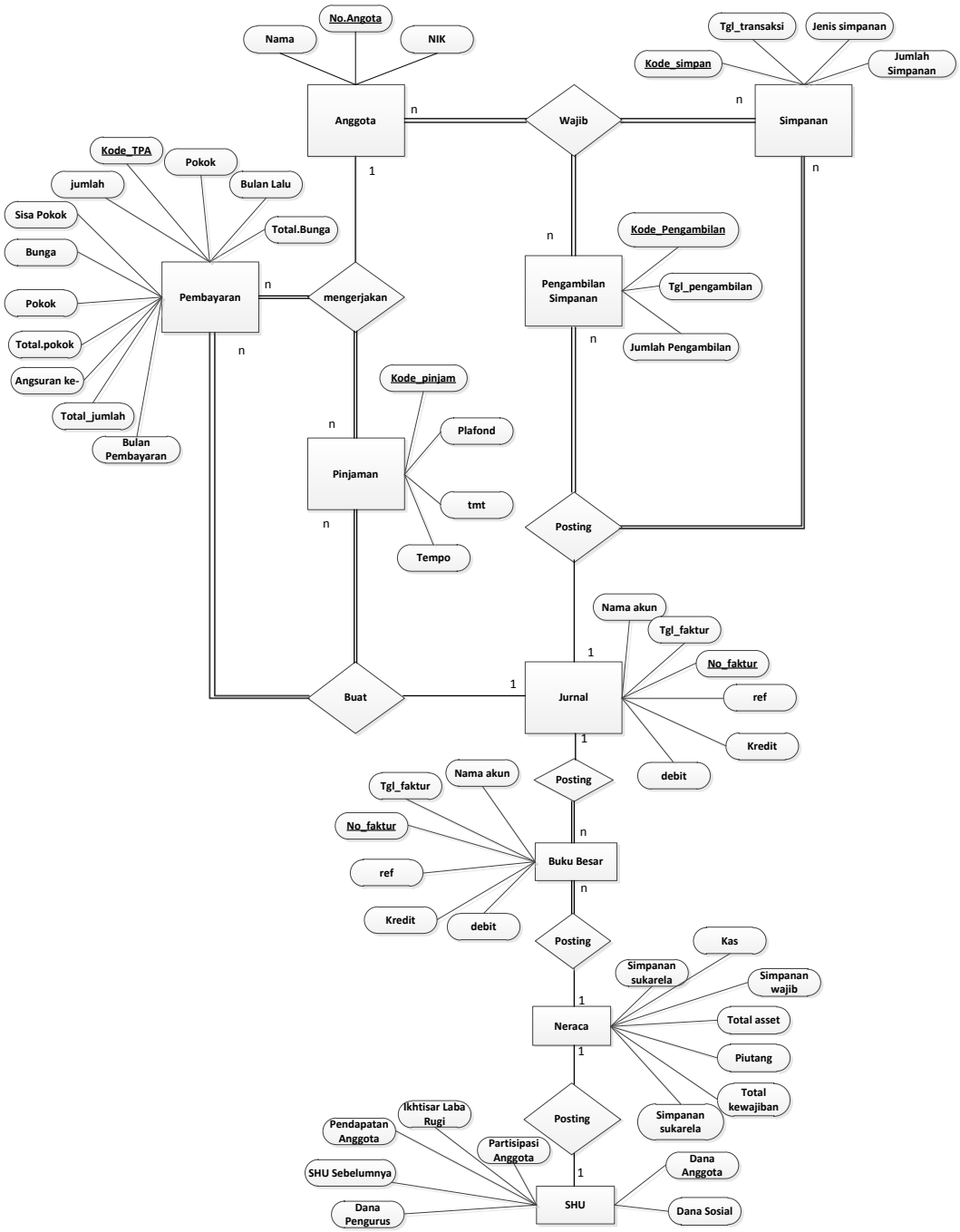
Daftar Pengambilan Simpanan Anggta dalam bentuk normal ke 3(3-nf) tabel Daftar pengambilan Simpanan Anggota

Kode Pengambilan	no_anggota	tgl_PS	Jumlah PS
kp001	920556	1/6/2014	4,000,000.00
kp002	920541	1/7/2014	5,000,000.00
kp003	920013	1/8/2014	6,000,000.00

4.10. Diagram Relasi Entitas (ERD) yang Diusulkan

Diagram Relasi Entitas yang peneliti usulkan pada Sistem Informasi Akuntansi Simpan-Pinjam adalah sebagai berikut:

Entitas : Anggota, Simpanan, Pembayaran, pengambilan Simpanan, Peminjaman



Gambar 4.21.*Entity relationship Diagram Usula*

4.11. Penrancangan Struktur Tabel

Perancangan Struktur table adalah sebagai berikut:

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	nik_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	jabatan_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	no_anggota	varchar(100)	latin1_swedish_ci		No			

Gambar 4.22.*t_anggota*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	no_sksimpananwajib	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nominal_simpananwajib	int(100)			Yes	*NULL*		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	jabatan_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	Status	varchar(100)	latin1_swedish_ci		Yes	*NULL*		

Gambar 4.23.*t_sksimpananwajib*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	no_sksp	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	jabatan_pegawai	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nik_pegawai	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	status	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	jabatan_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nominal_sksp	int(11)			Yes	*NULL*		

Gambar 4.24.*t_sksp (sk simpanan pokok)*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	no_skbunga	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nominalbunga	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	status	varchar(100)	latin1_swedish_ci		Yes	*NULL*		

Gambar 4.25 *t_bungasimpanan*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	no_skbungapinjam	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nominalbungapinjam	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	status	varchar(100)	latin1_swedish_ci		Yes	*NULL*		

Gambar 4.26.*t_skbungapinjam*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	tanggal	date			Yes	*NULL*		
	no_faktur	varchar(100)	latin1_swedish_ci		Yes	*NULL*		
	nominal	int(11)			Yes	*NULL*		

Gambar 4.27*.t_modal*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	tgl_faktursimpananwajib	date			Yes	NULL		
	no_faktursimpananwajib	varchar(100)	latin1_swedish_ci		Yes	NULL		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nominal_simpananwajib	int(11)			Yes	NULL		

Gambar 4.28.*t_trsimpananwajib*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	tgl_faktursimpananpokok	date			Yes	NULL		
	no_faktursimpananpokok	varchar(100)	latin1_swedish_ci		Yes	NULL		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nominal_simpananpokok	int(11)			Yes	NULL		

Gambar 4.39.*t_trsimpananpokok*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	tgl_faktursimpanansukarela	date			Yes	NULL		
	no_faktursimpanansukarela	varchar(100)	latin1_swedish_ci		Yes	NULL		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nominal_simpanansukarela	int(11)			Yes	NULL		
	Bunga	varchar(100)	latin1_swedish_ci		Yes	NULL		
	total_bunga	int(11)			Yes	NULL		
	Total	int(4)			Yes	NULL		

Gambar 4.30.*t_trsimpanansukarela*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	tgl_ps	date			Yes	NULL		
	faktur_ps	varchar(100)	latin1_swedish_ci		Yes	NULL		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	no_skkeluar	varchar(0)	latin1_swedish_ci		Yes	NULL		
	jum_ps	int(11)			Yes	NULL		

Gambar 4.31.*t_pengambilan simpanan*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	tgl	date			Yes	NULL		
	kde_transaksi	varchar(100)	latin1_swedish_ci		Yes	NULL		
	bulan	varchar(100)	latin1_swedish_ci		Yes	NULL		
	tahun	varchar(100)	latin1_swedish_ci		Yes	NULL		
	totallunaswajib	double			Yes	NULL		

Gambar 4.32.*t_lunaswajib*

	Field	Type	Collation	Attributes	Null	Default	Extra	Action
	tgl	date			Yes	NULL		
	kd_tr	varchar(0)	latin1_swedish_ci		Yes	NULL		
	bulan	varchar(0)	latin1_swedish_ci		Yes	NULL		
	tahun	varchar(0)	latin1_swedish_ci		Yes	NULL		
	tot_pokok	double			Yes	NULL		

Gambar 4.33.*t_Lunaspokok*

Field	Type	Collation	Attributes	Null	Default	Extra	Action
tgl_pinjam	date			Yes	NULL		
Faktur_pinjam	varchar(100)	latin1_swedish_ci		Yes	NULL		
no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
Nama_pinjam	varchar(100)	latin1_swedish_ci		Yes	NULL		
jabatan	varchar(100)	latin1_swedish_ci		Yes	NULL		
bunga	double			Yes	NULL		
Besar_Pinjam	int(11)			Yes	NULL		
Total_bungapinjam	int(11)			Yes	NULL		
totalpinjaman	int(11)			Yes	NULL		
angsuran	varchar(100)	latin1_swedish_ci		Yes	NULL		
besarcicilan	int(11)			Yes	NULL		

Gambar 4.34.*t_peminjaman*

Field	Type	Collation	Attributes	Null	Default	Extra	Action
tgl	date			Yes	NULL		
no_bayar	varchar(100)	latin1_swedish_ci		Yes	NULL		
no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
no_pinjam	varchar(100)	latin1_swedish_ci		Yes	NULL		
nama	varchar(100)	latin1_swedish_ci		Yes	NULL		
jabatan	varchar(100)	latin1_swedish_ci		Yes	NULL		
besar_pinjamanan	double			Yes	NULL		
besar_angsuran	double			Yes	NULL		
sisa_pinjaman	double			Yes	NULL		
tempo	varchar(100)	latin1_swedish_ci		Yes	NULL		
sisa_tempo	varchar(100)	latin1_swedish_ci		Yes	NULL		

Gambar 4.35.*t_pembayaran*

Field	Type	Collation	Attributes	Null	Default	Extra	Action
jabatan_pegawai	varchar(100)	latin1_swedish_ci		Yes	NULL		
username	varchar(100)	latin1_swedish_ci		Yes	NULL		
pass	varchar(100)	latin1_swedish_ci		No			

Gambar 4.36.*t_login*

Field	Type	Collation	Attributes	Null	Default	Extra	Action
nik_pegawai	varchar(100)	latin1_swedish_ci		No			
nama_pegawai	varchar(100)	latin1_swedish_ci		Yes	NULL		
alamat_pegawai	varchar(100)	latin1_swedish_ci		Yes	NULL		
jabatan_pegawai	varchar(100)	latin1_swedish_ci		Yes	NULL		
username	varchar(100)	latin1_swedish_ci		Yes	NULL		
pass	varchar(100)	latin1_swedish_ci		Yes	NULL		

Gambar 4.37 *t_pegawai*

Field	Type	Collation	Attributes	Null	Default	Extra	Action
tanggal	date			Yes	NULL		
no_bukti	varchar(100)	latin1_swedish_ci		Yes	NULL		
nama_akun1	varchar(100)	latin1_swedish_ci		Yes	NULL		
ref1	varchar(100)	latin1_swedish_ci		Yes	NULL		
debit1	double			Yes	NULL		
kredit1	double			Yes	NULL		
nama_akun2	varchar(100)	latin1_swedish_ci		Yes	NULL		
ref2	varchar(100)	latin1_swedish_ci		Yes	NULL		
debit2	double			Yes	NULL		
kredit2	double			Yes	NULL		

Gambar 4.38.*t_jurnal umum*

4.12. Penrancangan Struktur View

Perancangan Struktur View adalah sebagai berikut:

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	tanggal	date			Yes	NULL		
	no_bukti	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_akun1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	debit1	double			Yes	NULL		
	kredit1	double			Yes	NULL		
	nama_akun2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	debit2	double			Yes	NULL		
	kredit2	double			Yes	NULL		
	bulan	varchar(64)	utf8_general_ci		Yes	NULL		
	tahun	varchar(4)	utf8_general_ci		Yes	NULL		

Gambar 4.39.*v_jurnal umum*

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nominalsimpananwajib	decimal(32,0)			Yes	NULL		

Gambar 4.40.*v_sumwajib*

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nominalsimpananpokok	decimal(32,0)			Yes	NULL		

Gambar 4.41.*v_sumpokok*

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nominalsimpanansukarela	decimal(32,0)			Yes	NULL		

Gambar 4.42.*v_sumsukarela*

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	nama_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	no_anggota	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nominalsimpananwajib	decimal(32,0)			Yes	NULL		
	nominalsimpananpokok	decimal(32,0)			Yes	NULL		
	nominalsimpanansukarela	decimal(32,0)			Yes	NULL		
	totalsimpanan	decimal(56,0)			Yes	NULL		

Gambar 4.43.*v_sumsimpanan*

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	tanggal	date			Yes	NULL		
	no_bukti	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_akun1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	debit1	double			Yes	NULL		
	kredit1	double			Yes	NULL		
	nama_akun2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	bulan	varchar(64)	utf8_general_ci		Yes	NULL		
	tahun	varchar(4)	utf8_general_ci		Yes	NULL		

Gambar 4.44.*v_bb1*

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	tanggal	date			Yes	NULL		
	no_bukti	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_akun2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	debit2	double			Yes	NULL		
	kredit2	double			Yes	NULL		
	nama_akun1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	bulan	varchar(64)	utf8_general_ci		Yes	NULL		
	tahun	varchar(4)	utf8_general_ci		Yes	NULL		

Gambar 4.45.*v_bb2*

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	tanggal	date			Yes	NULL		
	no_bukti	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_akun1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	debit1	double			Yes	NULL		
	kredit1	double			Yes	NULL		
	nama_akun2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	bulan	varchar(64)	utf8_general_ci		Yes	NULL		
	tahun	varchar(4)	utf8_general_ci		Yes	NULL		

Gambar 4.46.*v_bbproses*

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	tanggal	date			Yes	NULL		
	no_bukti	varchar(100)	latin1_swedish_ci		Yes	NULL		
	nama_akun1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	debit1	double			Yes	NULL		
	kredit1	double			Yes	NULL		
	nama_akun2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref2	varchar(100)	latin1_swedish_ci		Yes	NULL		
	bulan	varchar(64)	utf8_general_ci		Yes	NULL		
	tahun	varchar(4)	utf8_general_ci		Yes	NULL		

Gambar 4.47.*v_bbfinal*

	Field	Type	Collation	Attributes	Null	Default	Extra	View
	nama_akun1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	debit1	double			Yes	NULL		
	kredit1	double			Yes	NULL		
	saldo	double			Yes	NULL		
	bulan	varchar(64)	utf8_general_ci		Yes	NULL		
	tahun	varchar(4)	utf8_general_ci		Yes	NULL		

Gambar 4.48.*v_lkbulan*

Browse Structure SQL Search Insert Export Drop

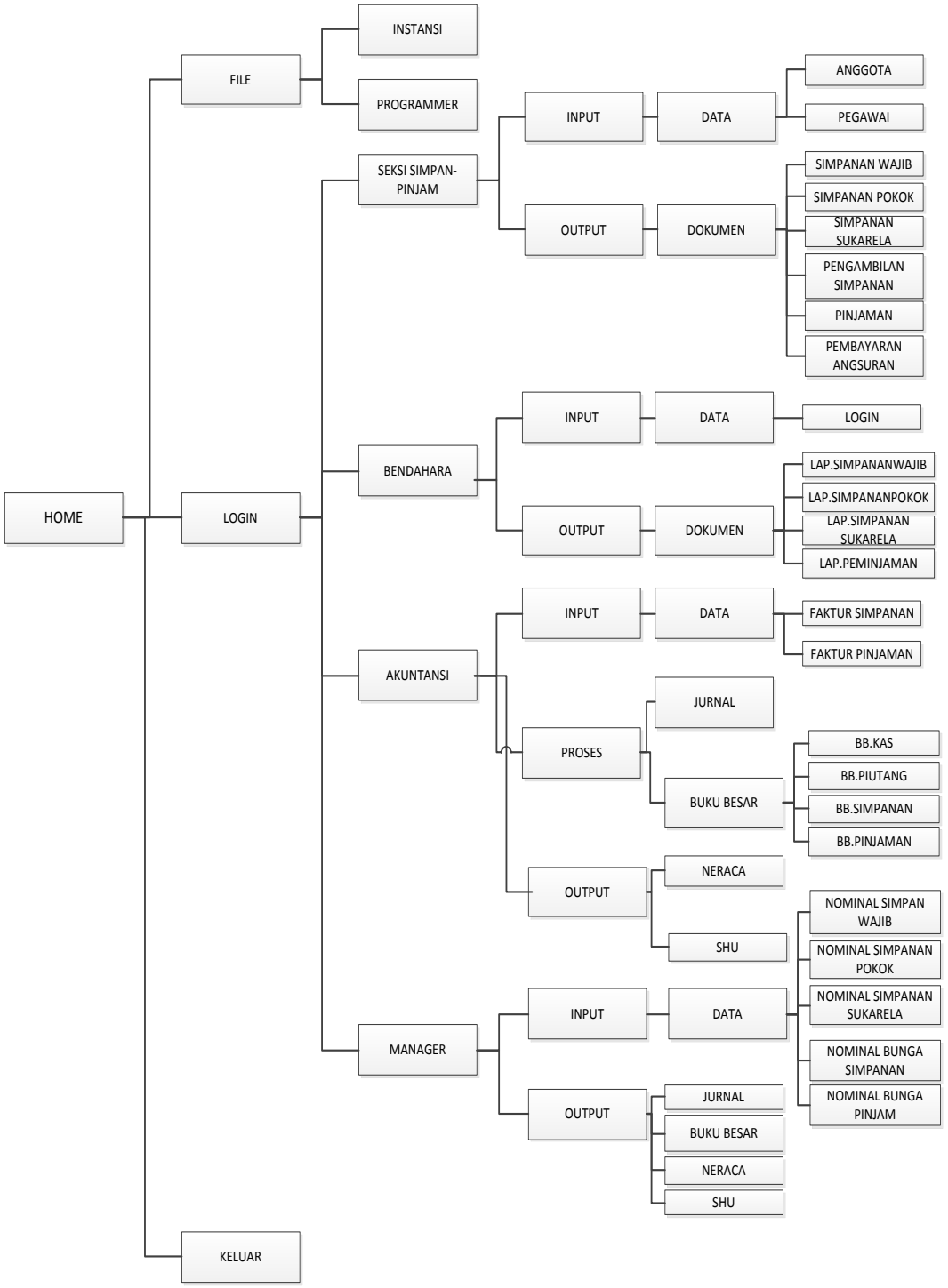
	Field	Type	Collation	Attributes	Null	Default	Extra	View
	nama_akun1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	ref1	varchar(100)	latin1_swedish_ci		Yes	NULL		
	debit	double			Yes	NULL		
	kredit	double			Yes	NULL		
	saldo	double			Yes	NULL		
	bulan	varchar(64)	utf8_general_ci		Yes	NULL		
	tahun	varchar(4)	utf8_general_ci		Yes	NULL		

Gambar 4.49.*v_lktahun*

4.13 Penrancangan Struktur Menu

4.13.1.Perancangan Struktur Menu Utama

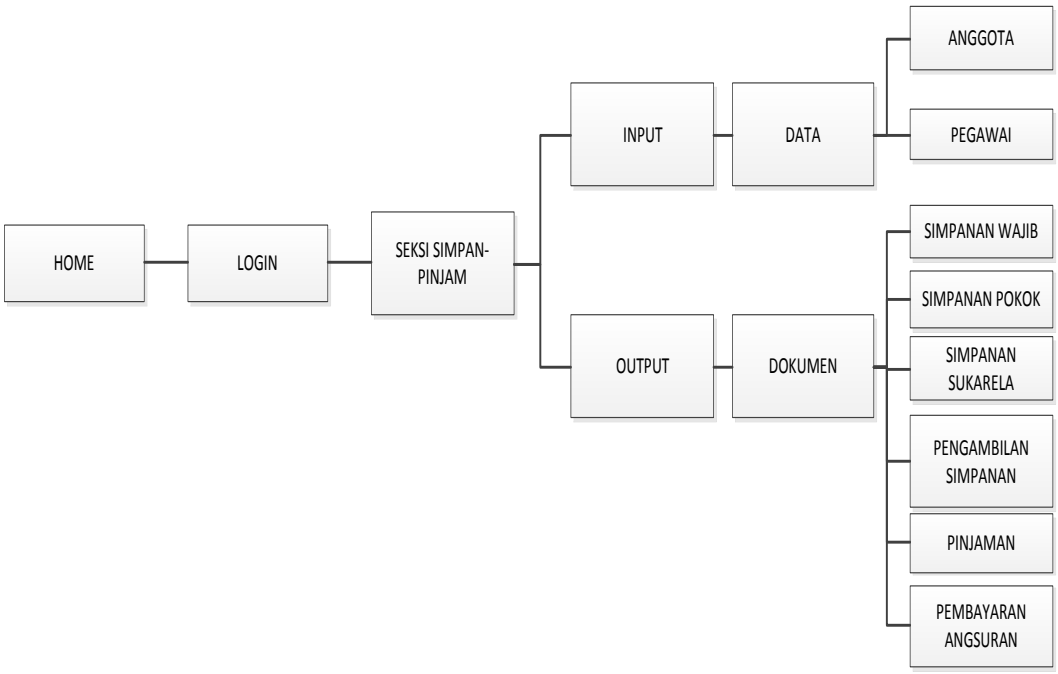
Adapun perancangan struktur menu utama sebagai berikut:



Gambar 4.50.*Struktur Menu*

4.13.2.Perancangan Struktur Menu Seksi Simpan-Pinjam

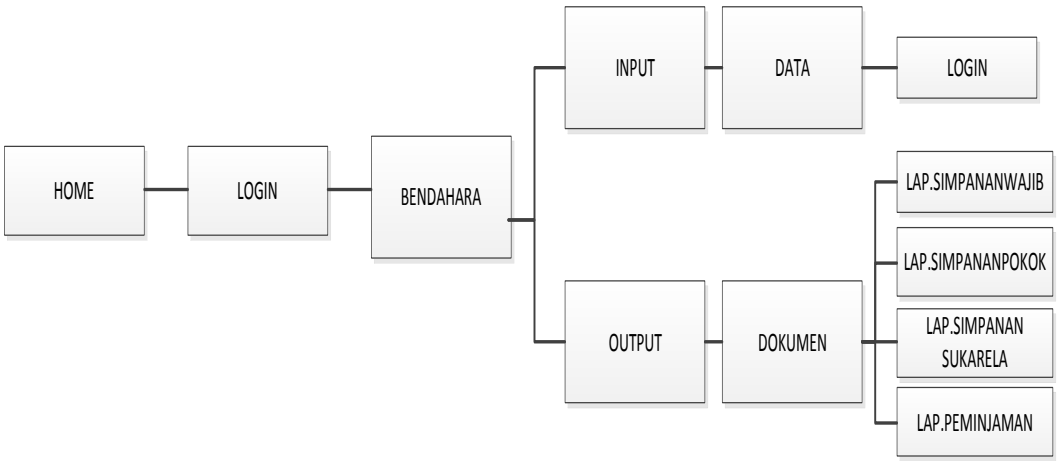
Adapun perancangan struktur menu Seksi Simpan-Pinjam adalah sebagai berikut:



Gambar 4.51.*Struktur Menu Seksi Simpan-Pinjam*

4.13.3.Perancangan Struktur Menu Bendahara

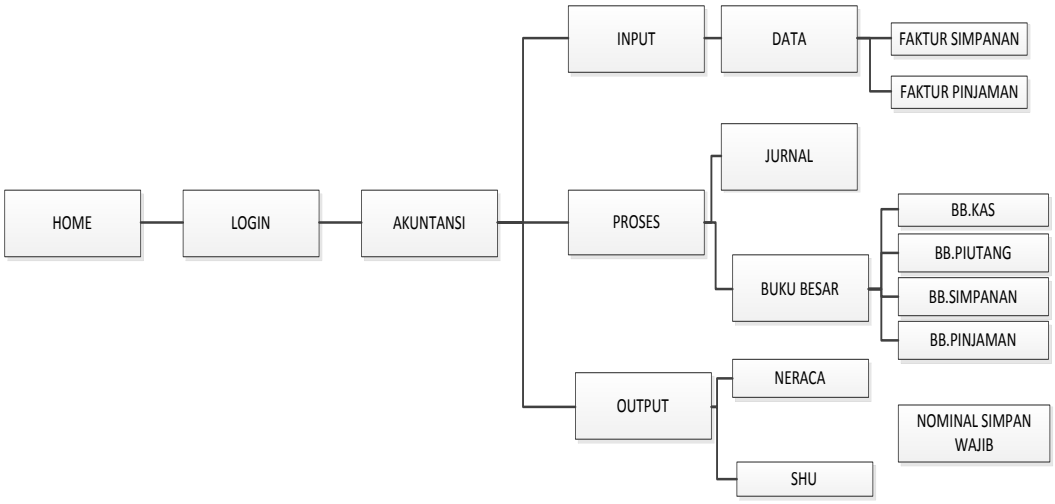
Adapun perancangan struktur menu Seksi Simpan-Pinjam adalah sebagai berikut:



Gambar 4.52.*Struktur Menu Bendahara*

4.13.4.Perancangan Struktur Menu Akuntansi

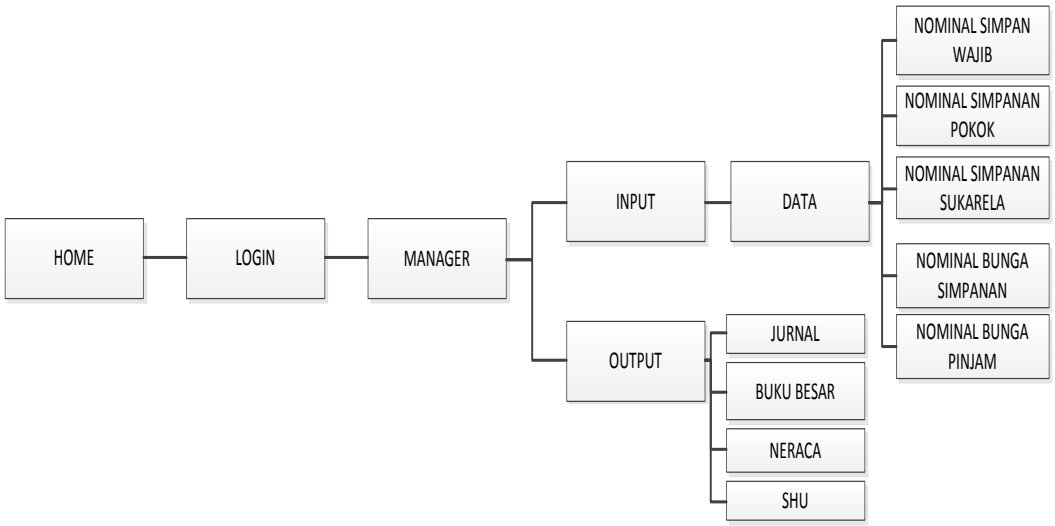
Adapun perancangan struktur menu Seksi Simpan-Pinjam adalah sebagai berikut:



Gambar 4.53.*Struktur Menu Akuntansi*

4.13.5.Perancangan Struktur Menu Manager

Adapun perancangan struktur menu Seksi Simpan-Pinjam adalah sebagai berikut:

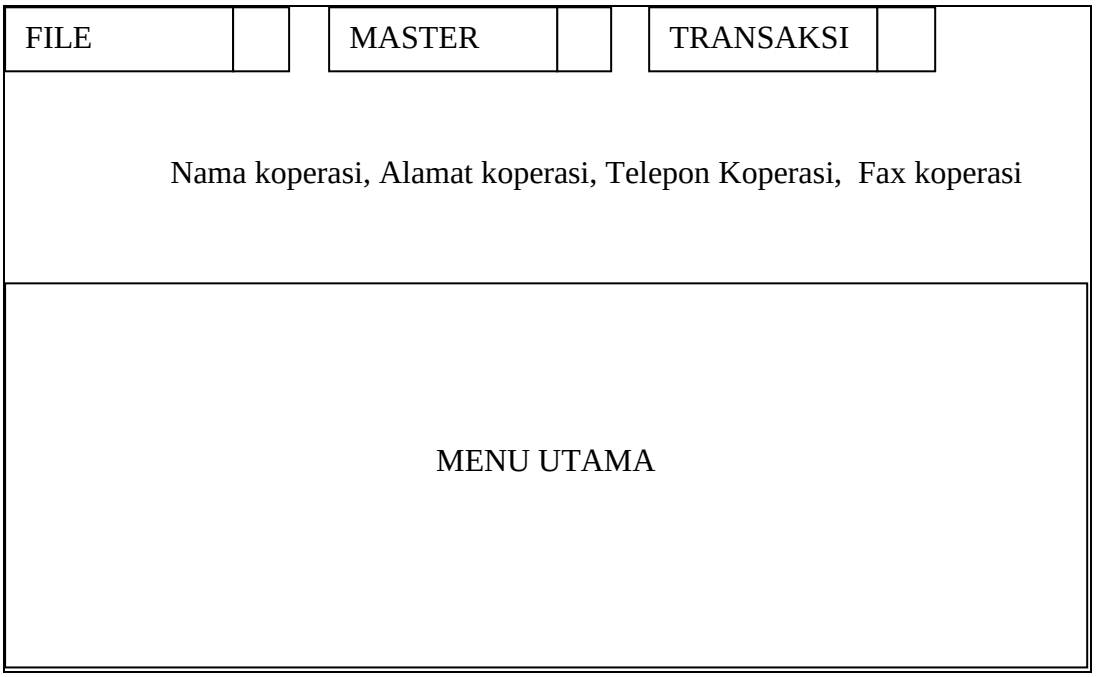


Gambar 4.54.*Struktur Menu Manager*

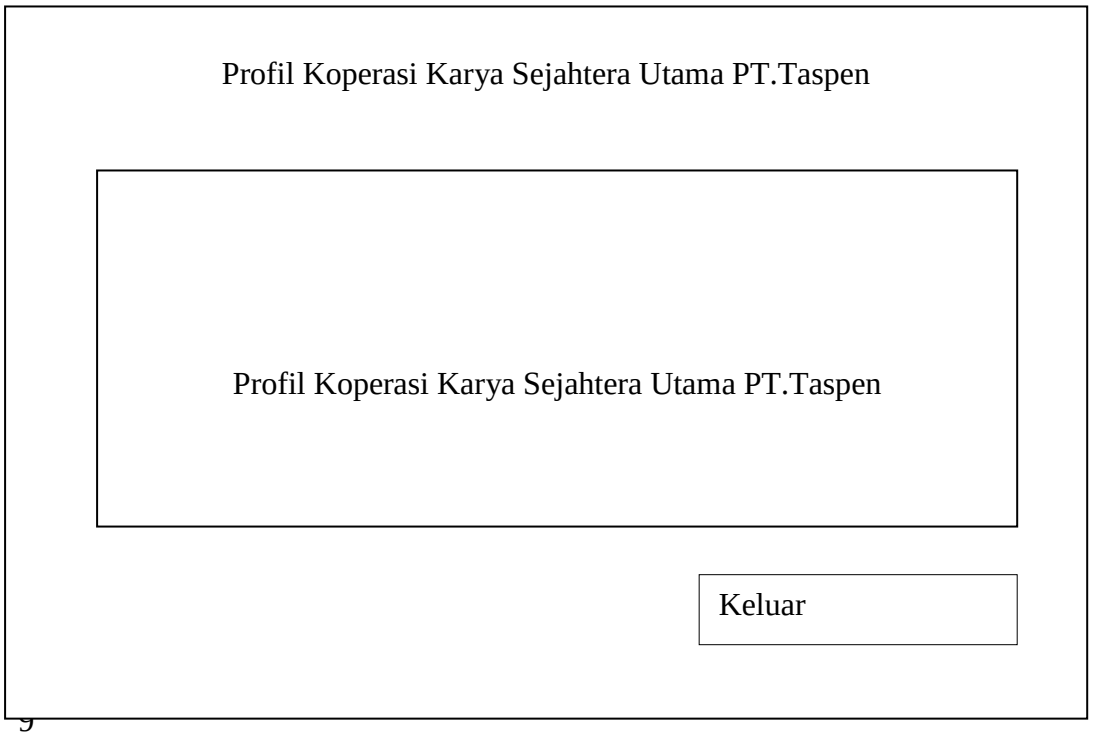
4.14.Perancangan Antar Muka dan Laporan

4.14.1 Perancangan Antar Muka

Perancangan antarmuka dalam perancangan sistem informasi akuntansi Simpan Pinjam Koperasi adalah sebagai berikut:

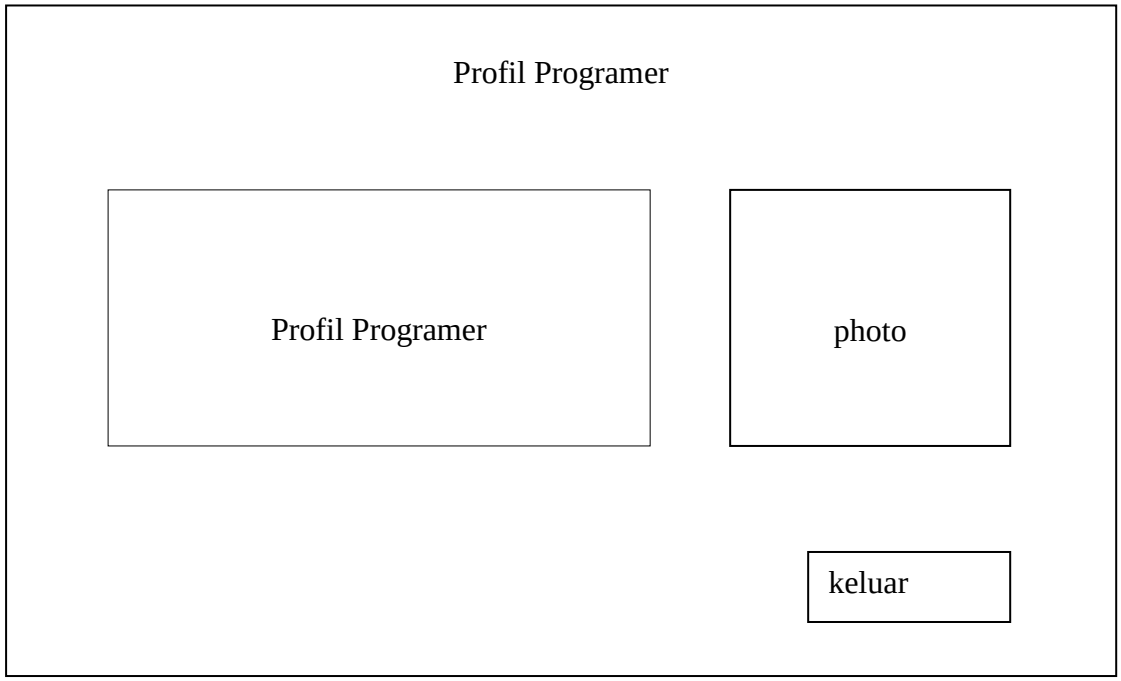


Gambar 4.55.*Perancangan Antar Muka HalUtama*

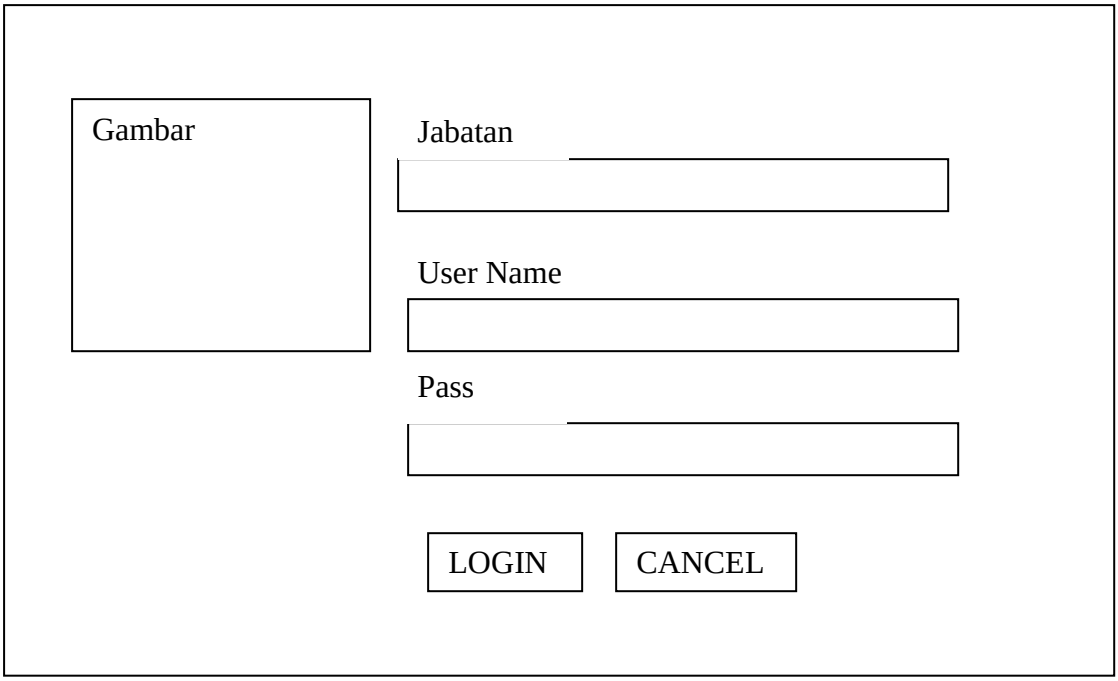


9

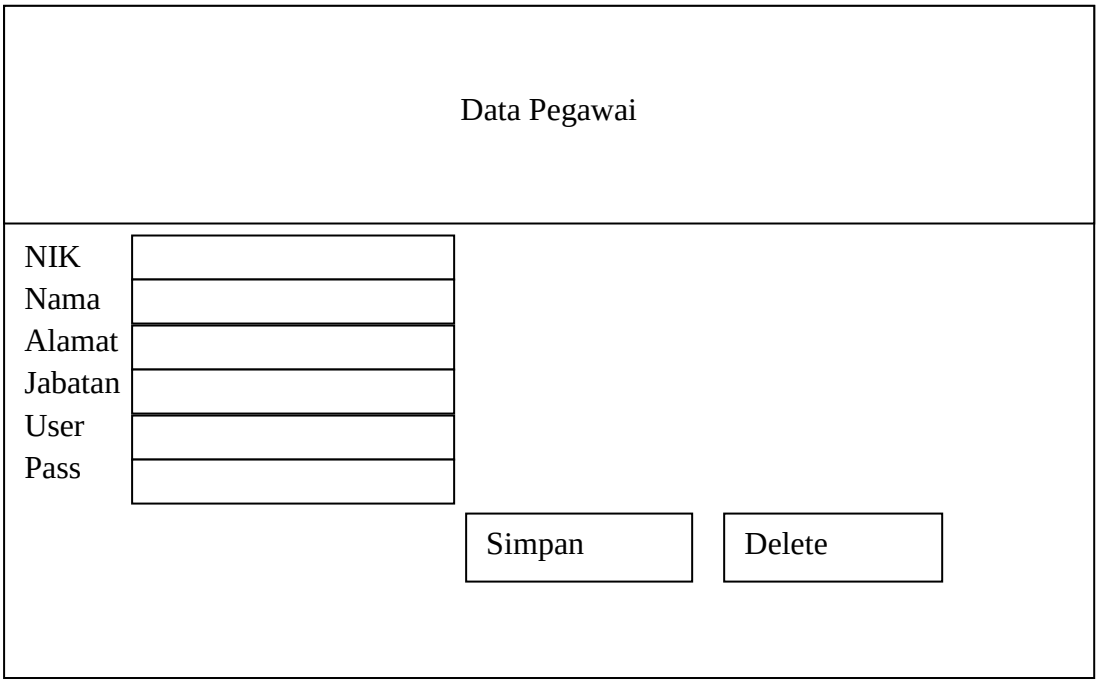
Gambar 4.56.*Perancangan Antar Muka Profil Koperasi*



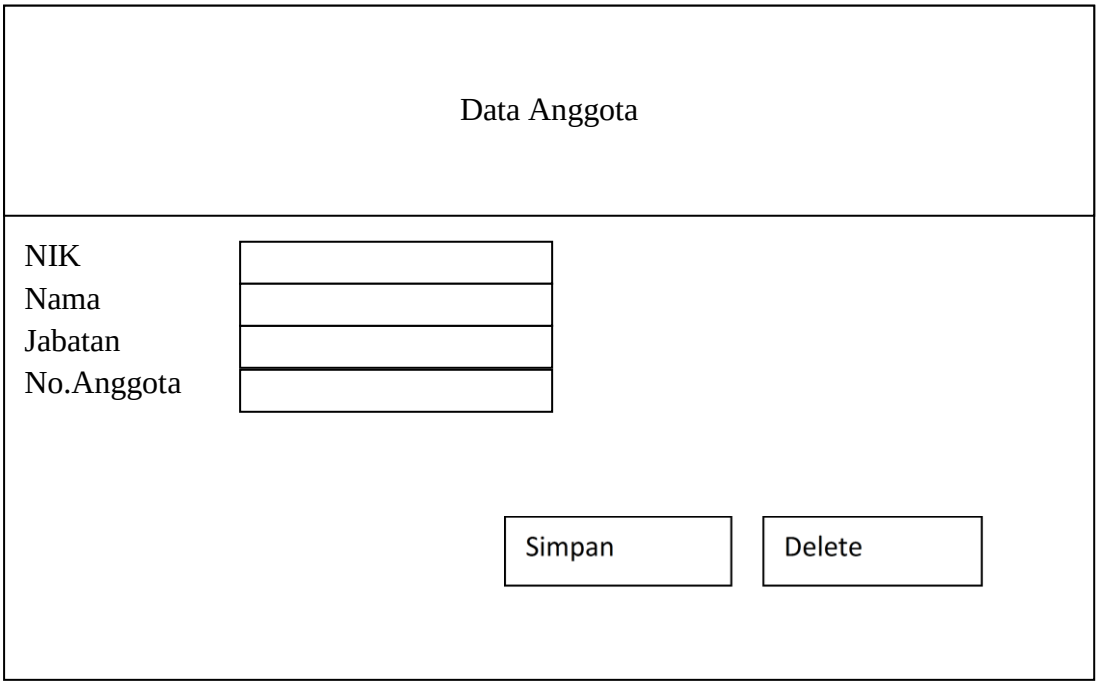
Gambar 4.57.*Perancangan Antar Muka Profil Programmer*



Gambar 4.58.*Perancangan Antar Muka Logiin*



Gambar 4.59.*Perancangan Antar Muka Data Pegawai*



Gambar 4.60.*Perancangan Antar Muka Data Anggota*

4.15.Tampilan dan Kode Program

Adapun tampilan menu program Perancangan Sistem Informasi Akuntansi Simpan-Pinjam Koperasi dapat dilihat sebagai berikut:



Gambar 4.61 *Tampilan Halaman Utama*

Tabel 4.5.*Listing program halaman utama*

Listing Program	Keterangan

`Public Class halutama`
 	
`Private Sub LOGINToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles LOGINToolStripMenuItem.Click`
`login.Show()`
`End Sub`
`Private Sub PROFILINSTANSIToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles PROFILINSTANSIToolStripMenuItem.Click`
`profilinstansi.Show()`
`End Sub`
 	
`Private Sub PROFILPROGRAMERToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles PROFILPROGRAMERToolStripMenuItem.Click`
`Profilprograming.Show()`
`End Sub`
	Untuk menampilkan menu file

`Private Sub ANGGOTAToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ANGGOTAToolStripMenuItem.Click`
`Anggota.Show()`
`End Sub`
 	
`Private Sub PETUGASToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles PETUGASToolStripMenuItem.Click`
	Menampilkan master

pegawai.Show() End Sub Private Sub NOMINALSIMPANANWAJIBToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles NOMINALSIMPANANWAJIBToolStripMenuItem.Click nominalsimpananwajib.Show() End Sub Private Sub NOMINALSIMPANANPOKOKToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles NOMINALSIMPANANPOKOKToolStripMenuItem.Click nominalsimpananpokok.Show() End Sub Private Sub NOMINALSIMPANANSUKARELAToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) End Sub Private Sub NOMINALBUNGASIMPANANToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles NOMINALBUNGASIMPANANToolStripMenuItem.Click nominalsimpananbunga.Show() End Sub Private Sub PENGAMBILANSIMPANANToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles PENGAMBILANSIMPANANToolStripMenuItem.Click Pengambilansimpanan.Show() End Sub Private Sub NOMINAToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles NOMINAToolStripMenuItem.Click NominalBungaPinjam.Show() End Sub	
Private Sub SIMPANANWAJIBToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles SIMPANANWAJIBToolStripMenuItem.Click transaksianggotabaru.Show() End Sub Private Sub SIMPANANPOKOKToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles SIMPANANPOKOKToolStripMenuItem.Click transaksisimpananpokok.Show() End Sub Private Sub SIMPANANSUKARELAToolStripMenuItem_Click(ByVal sender	Menampilkan transaksi

As System.Object, ByVal e As System.EventArgs) Handles SIMPANANSUKARELAToolStripMenuItem.Click transaksisimpanansukarela.Show() End Sub Private Sub PINJAMANToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles PINJAMANToolStripMenuItem.Click peminjaman.Show() End Sub	
Private Sub JURNALToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles JURNALToolStripMenuItem.Click jurnalumum.Show() End Sub End Class	Menampilkan report



Gambar 4.62 *Tampilan Login*

Tabel 4.6 *Kode progtam login*

Listing program	Keterangan

Imports MySql.Data.MySqlClient
Public Class login
 	
    Sub login()
        Dim strSQL As String = "select * from t_pegawai where jabatan_pegawai='" & ComboBox1.Text & "' and username ='" & TextBox1.Text & "' and pass='" & TextBox2.Text & "'"
 	
        Dim Da As New MySqlDataAdapter(strSQL, conn)
        Dim Dt As New DataTable
        Try
            Dim cmMasuk As New MySqlCommand(strSQL, conn)
            conn.Open()
            cmMasuk.ExecuteNonQuery()
            Da.Fill(Dt)
            jabatan_pegawai = Dt.Rows(0).Item(3)
            username = Dt.Rows(0).Item(4)
            pass = Dt.Rows(0).Item(5)
 	
            If Dt.Rows(0).Item(3) = "Manager" Then
                Me.Hide()
                halutama.Show()
 	
halutama.LOGINToolStripMenuItem.Enabled = True
 	
halutama.PROFILINSTANSIToolStripMenuItem.Enabled = True
 	
halutama.PROFILPROGRAMERToolStripMenuItem.Enabled = True
 	
halutama.JURNALToolStripMenuItem.Enabled = True
 	
halutama.NERACAToolStripMenuItem.Enabled = True
                halutama.SHUToolStripMenuItem.Enabled = True
 	
halutama.BUKUBESARToolStripMenuItem.Enabled = True
 	
halutama.NOMINAToolStripMenuItem.Enabled = True
 	
halutama.NOMINALSIMPANANPOKOKToolStripMenuItem.Enabled = True
 	
halutama.NOMINALSIMPANANWAJIBToolStripMenuItem.Enabled = True
 	
halutama.NOMINALBUNGASIMPANANToolStripMenuItem.Enabled = True
 	
            ElseIf Dt.Rows(0).Item(3) = "akuntansi" Then
                Me.Hide()
                halutama.Show()
	Perintan untuk login

```
halutama.LOGINToolStripMenuItem.Enabled = True

halutama.PROFILINSTANSIToolStripMenuItem.Enabled =
True

halutama.PROFILPROGRAMERToolStripMenuItem.Enabled =
True

halutama.SIMPANANPOKOKToolStripMenuItem.Enabled = True

halutama.SIMPANANWAJIBToolStripMenuItem.Enabled = True

halutama.SIMPANANSUKARELAToolStripMenuItem.Enabled =
True

halutama.PINJAMANToolStripMenuItem.Enabled = True

            ElseIf Dt.Rows(0).Item(3) = "Bendahara"
Then
                Me.Hide()
                halutama.Show()

halutama.LOGINToolStripMenuItem.Enabled = True

halutama.PROFILINSTANSIToolStripMenuItem.Enabled =
True

halutama.PROFILPROGRAMERToolStripMenuItem.Enabled =
True

halutama.SIMPANANPOKOKToolStripMenuItem.Enabled = True

halutama.SIMPANANWAJIBToolStripMenuItem.Enabled = True

halutama.SIMPANANSUKARELAToolStripMenuItem.Enabled =
True

halutama.PINJAMANToolStripMenuItem.Enabled = True

            ElseIf Dt.Rows(0).Item(3) = "Seksi simpan-
pinjam" Then
                Me.Hide()
                halutama.Show()

halutama.LOGINToolStripMenuItem.Enabled = True

halutama.PROFILINSTANSIToolStripMenuItem.Enabled =
True

halutama.PROFILPROGRAMERToolStripMenuItem.Enabled =
True

halutama.ANGGOTAToolStripMenuItem.Enabled = True

halutama.PETUGASToolStripMenuItem.Enabled = True

halutama.SIMPANANWAJIBToolStripMenuItem.Enabled = True

halutama.SIMPANANPOKOKToolStripMenuItem.Enabled = True
```

```
halutama.SIMPANANSUKARELAToolStripMenuItem.Enabled =
True

halutama.PENGAMBILANSIMPANANToolStripMenuItem.Enabled
= True

halutama.PINJAMANToolStripMenuItem.Enabled = True
            Else
                Me.Hide()
                MsgBox("login Gagal ! Username &
password Not Available", MsgBoxStyle.Exclamation)
            End If
        Catch ex As Exception
            MsgBox("failed " + ex.Message)
            conn.Close()

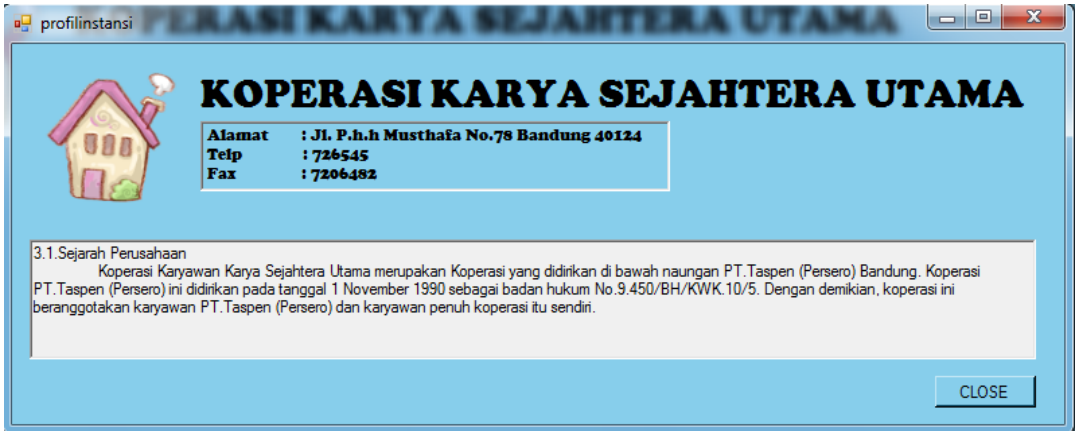
        End Try
    End Sub

    Private Sub login_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        connect()
    End Sub

    Private Sub ComboBox1_SelectedIndexChanged(ByVal
sender As System.Object, ByVal e As System.EventArgs)
Handles ComboBox1.SelectedIndexChanged
        Dim strSQL As String = "SELECT
jabatan_pegawai, username FROM t_pegawai where
jabatan_pegawai='" & ComboBox1.Text & "'"

        Dim Da As New MySqlDataAdapter(strSQL, conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox1.Text = Dt.Rows(0).Item(1)
    End Sub

    Private Sub Button1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button1.Click    login()
    End Sub
End Class
```



Gambar 4.63. *Tampilan profil koperasi*

Tabel 4.7.*Listing profil koperasi*

Listing	Keterangan

`Public Class profilinstansi`
`    Private Sub`
`Button1_Click(ByVal sender As`
`System.Object, ByVal e As`
`System.EventArgs) Handles`
`Button1.Click`
`        Close()`
`    End Sub`
`End Class`
	Sintak close

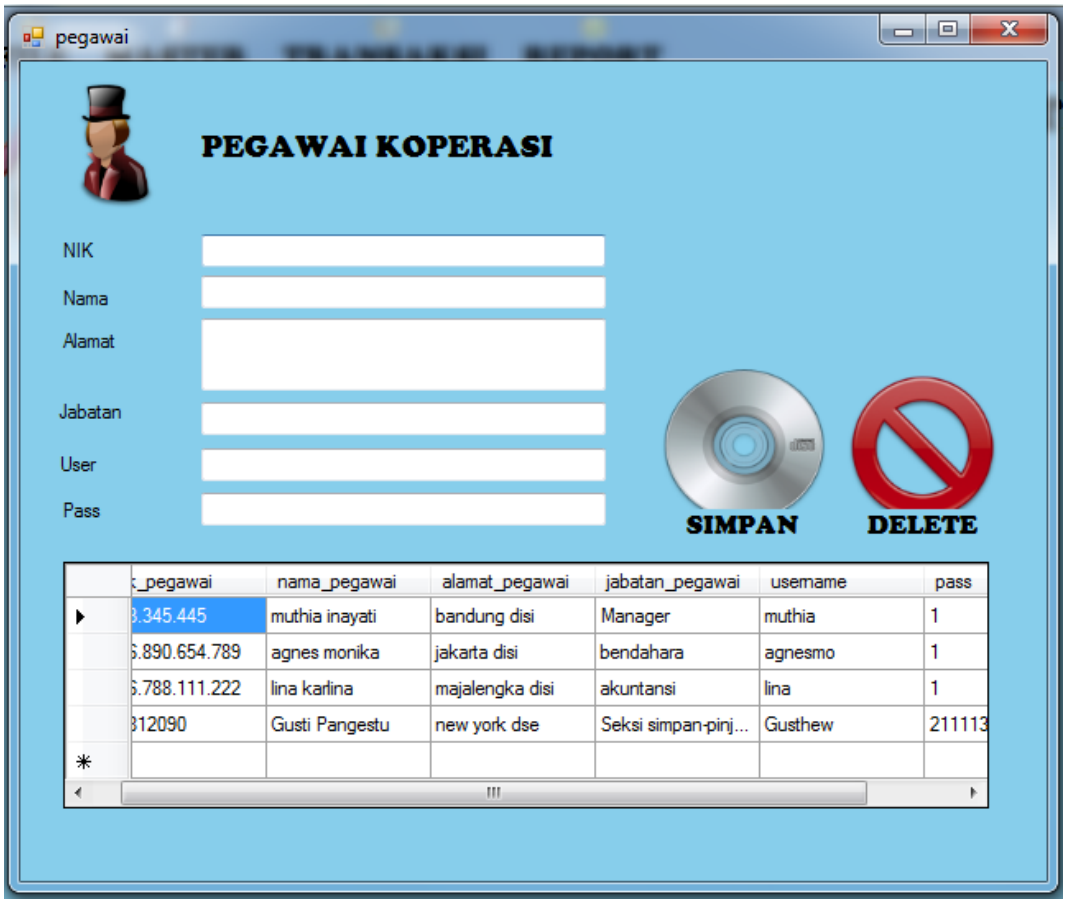


Gambar 4.64 *Tampilan profil programmer*

Tabel 4.8.*Listing profil programmer*

Listing	Keterangan

`Public Class Profilprograming`
 	
`    Private Sub`
`Button1_Click(ByVal sender As`
`System.Object, ByVal e As`
`System.EventArgs) Handles`
`Button1.Click`
`        Close()`
`    End Sub`
`End Class`
	Menu close untuk keluar dri profil



Gambar 4.65.*Tampilan Pegawai*

Tabel 4.9.*Listing pegawai*

Listing program	Keterangan

`Imports MySql.Data.MySqlClient`
`Public Class pegawai`
`  Sub Tampilkan()`
`  Dim mysql = " select * from t_pegawai"`
`  Dim da As New MySqlDataAdapter(mysql, conn)`
`  Dim dt As New DataTable`
`  da.Fill(dt)`
`  DataGridView1.DataSource = dt`
`  End Sub`
 	
`  Private Sub PictureBox2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles PictureBox2.Click`
`  Dim mysql = "insert into t_pegawai values('" + TextBox1.Text + "','" + TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox4.Text + "','" + TextBox5.Text + "','" + TextBox6.Text + "')"`
`  Try`
`  Dim cmd As MySqlCommand`
`  cmd = New MySqlCommand(mysql, conn)`
`  cmd.Connection = conn`
`  conn.Open()`
`  Dim status As String =`
	Perintan untuk Pegawai

```
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
    End Sub

    Private Sub PictureBox3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PictureBox3.Click
        Dim indeksBaris As Integer
        Dim mysql, kode As String

        indeksBaris = DataGridView1.CurrentRow.Index
        kode = DataGridView1.Item(0,
indeksBaris).Value

        mysql = "DELETE FROM t_pegawai WHERE
nik_pegawai='" + kode + "'"
        Dim konfirmasi As Byte
        konfirmasi = MsgBox("Data nik=" + kode +
"Akan Dihapus ?", MsgBoxStyle.OkCancel)
        If konfirmasi = 1 Then
            Try
                Dim cmd As MySqlCommand
                cmd = New MySqlCommand(mysql, conn)
                cmd.Connection = conn
                conn.Open()
                Dim status As String =
cmd.ExecuteNonQuery()
                If status > 0 Then
                    MsgBox("sukses",
MsgBoxStyle.Information)
                    conn.Close()

                End If
            Catch ex As Exception
                MsgBox("gagal" + ex.Message,
MsgBoxStyle.Critical)
            End Try
        End If
        Tampilkan()
    End Sub


    Private Sub pegawai_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        connect()
        Tampilkan()
    End Sub
```



Gambar 4.66.*Tampilan Anggota*

Tabel 4.10 *Listing Anggota*

Listing Program	Keterangan

`Imports MySql.Data.MySqlClient`
`Public Class Anggota`
`  Sub Kode_anggota()`
`  Dim Nourut, kode, tanggal As String`
`  Dim tgl As Date`
`  tgl = Format(Date.Today, "yyy-MM-dd")`
`  Dim strday As String = tgl.Day`
 	
`  If strday.Length = 1 Then`
`  strday = "0" & strday`
`  End If`
 	
`  Dim strmonth As String = tgl.Month`
`  If strmonth.Length = 1 Then`
`  strmonth = "0" & strmonth`
`  End If`
 	
`  Dim a As String = Strings.Right(tgl.Year, 2)`
`  tanggal = strday & strmonth & a 'strday & strmounth & a`
`  Dim strSQL = "Select * from t_anggota where no_anggota like '%" & tanggal & "%'"`
`  Dim Da As New MySqlDataAdapter(strSQL, conn)`
`  Dim Dt As New DataTable`
`  Da.Fill(Dt)`
	Perintah untuk menampikan Data Anggota

```
        Nourut = Dt.Rows.Count + 1
        If Nourut.Length = 1 Then
            Nourut = "000" & Nourut
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "KKSU" & Nourut & tanggal

        TextBox4.Text = kode
    End Sub
    Sub Tampilkan()
        Dim mysql = " select * from t_anggota"
        Dim da As New MySqlDataAdapter(mysql, conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub


    Private Sub PictureBox2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PictureBox2.Click
        Dim mysql = "insert into t_anggota values('"
+ TextBox1.Text + "','" + TextBox2.Text + "','" +
ComboBox2.Text + "','" + TextBox4.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
    End Sub

    Private Sub PictureBox3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PictureBox3.Click
        Dim indeksBaris As Integer
        Dim mysql, kode As String

        indeksBaris = DataGridView1.CurrentRow.Index
        kode = DataGridView1.Item(0,
indeksBaris).Value
```

```
        mysql = "DELETE FROM t_anggota WHERE
nik_anggota='" + kode + "'"
        Dim konfirmasi As Byte
        konfirmasi = MsgBox("Data nik=" + kode +
"Akan Dihapus ?", MsgBoxStyle.OkCancel)
        If konfirmasi = 1 Then
            Try
                Dim cmd As MySqlCommand
                cmd = New MySqlCommand(mysql, conn)
                cmd.Connection = conn
                conn.Open()
                Dim status As String =
cmd.ExecuteNonQuery()
                If status > 0 Then
                    MsgBox("sukses",
MsgBoxStyle.Information)
                    conn.Close()

                End If
            Catch ex As Exception
                MsgBox("gagal" + ex.Message,
MsgBoxStyle.Critical)
            End Try
        End If
        Tampilkan()
    End Sub

    Private Sub Anggota_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        connect()
        Tampilkan()
        Kode_anggota()
    End Sub

    Private Sub TextBox5_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
TextBox5.TextChanged
        If ComboBox1.Text = "Nama_anggota" Then
            Dim Oledb = "Select * from t_anggota
where Nama_anggota like  '%" & TextBox5.Text & "%'"
            Dim da As New MySqlDataAdapter(Oledb,
conn)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            DataGridView1.Columns(0).HeaderText =
"nama_anggota"
            DataGridView1.Columns(1).HeaderText =
"nik_anggota"
            DataGridView1.Columns(2).HeaderText =
"jabatan_anggota"
            DataGridView1.Columns(3).HeaderText =
"no_anggota"

        ElseIf ComboBox1.Text = "Nama_anggota" Then
            Dim Oledb = "Select * from t_anggota
where nama_anggota like  '%" & TextBox5.Text & "%'"
```

```
            Dim da As New MySqlDataAdapter(Oledb,
conn)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            DataGridView1.Columns(0).HeaderText =
"nama_anggota"
            DataGridView1.Columns(1).HeaderText =
"nik_anggota"
            DataGridView1.Columns(2).HeaderText =
"jabatan_anggota"
            DataGridView1.Columns(3).HeaderText =
"no_anggota"

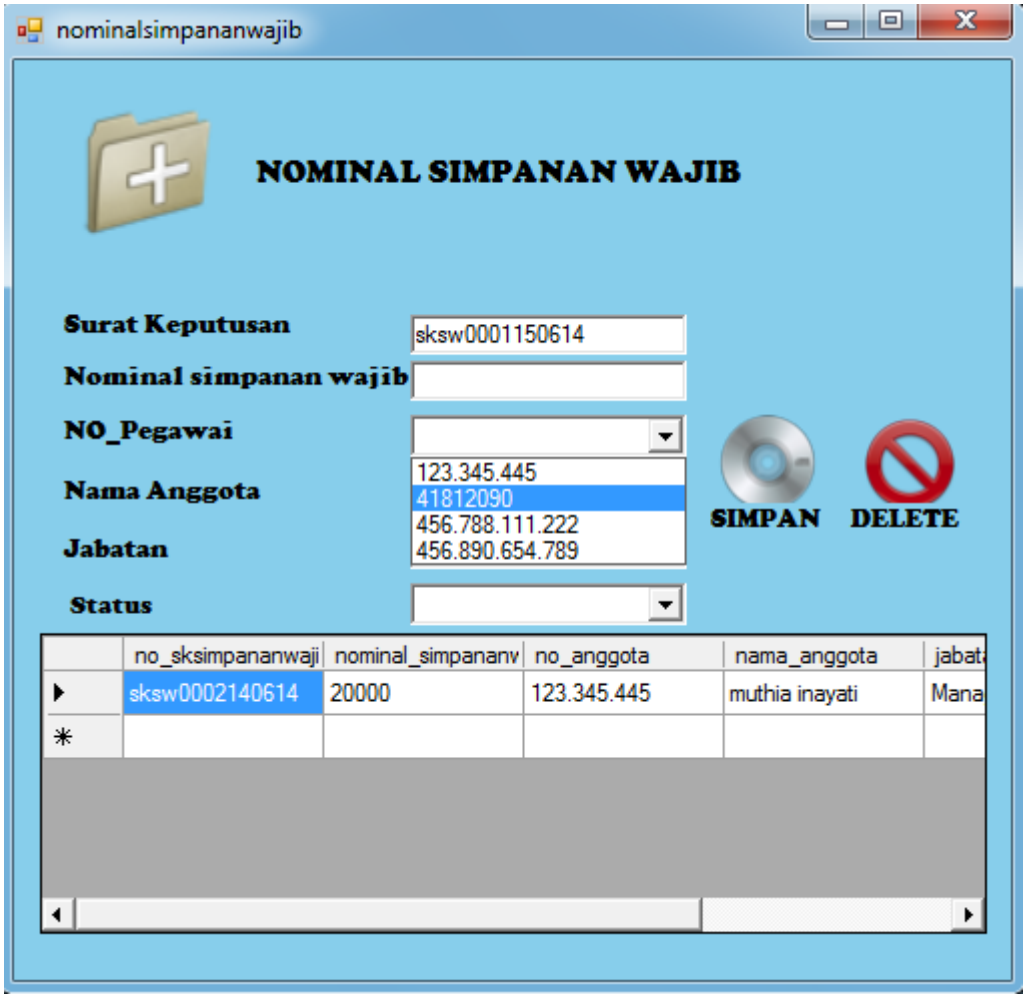
        Else

            Dim Oledb = "Select * from t_anggota
where nama_anggota like  '%" & TextBox5.Text & "%'"
            Dim da As New MySqlDataAdapter(Oledb,
conn)
            Dim dt As New DataTable
            da.Fill(dt)
            DataGridView1.DataSource = dt
            DataGridView1.Columns(0).HeaderText =
"nama_anggota"
            DataGridView1.Columns(1).HeaderText =
"nik_anggota"
            DataGridView1.Columns(2).HeaderText =
"jabatan_anggota"
            DataGridView1.Columns(3).HeaderText =
"no_anggota"

        End If
    End Sub

    Private Sub TextBox4_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
TextBox4.TextChanged

    End Sub
End Class
```



Gambar 4.67.*Tampilan Nominal Simpanan Wajib*

Tabel 4.11 *Listing Input nominal simpanan wajib*

Listing Program	Keterangan

`Imports MySql.Data.MySqlClient`
 	
`Public Class nominalsimpananwajib`
`  Sub Kode_suratkeputusansimpananwajib()`
`  Dim Nourut, kode, tanggal As String`
`  Dim tgl As Date`
`  tgl = Format(Date.Today, "yyy-MM-dd")`
`  Dim strday As String = tgl.Day`
 	
`  If strday.Length = 1 Then`
`  strday = "0" & strday`
`  End If`
 	
`  Dim strmonth As String = tgl.Month`
`  If strmonth.Length = 1 Then`
`  strmonth = "0" & strmonth`
`  End If`
 	
`  Dim a As String = Strings.Right(tgl.Year,`
	Nominal simpanan Wajib

```
2)
        tanggal = strday & strmonth & a 'strday &
strmounth & a
        Dim strSQL = "Select * from
t_sksimpananwajib where no_sksimpananwajib like
'%" & tanggal & "%'"
        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)

        Nourut = Dt.Rows.Count + 1
        If Nourut.Length = 1 Then
            Nourut = "000" & Nourut
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "sksw" & Nourut & tanggal

        TextBox1.Text = kode
    End Sub
    Sub Tampilkan()
        Dim mysql = " select * from
t_sksimpananwajib"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub

    Private Sub PictureBox3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles PictureBox3.Click
        Dim indeksBaris As Integer
        Dim mysql, kode As String

        indeksBaris =
DataGridView1.CurrentRow.Index
        kode = DataGridView1.Item(0,
indeksBaris).Value

        mysql = "DELETE FROM t_sksimpananwajib
WHERE no_sksimpananwajib='" + kode + "'"
        Dim konfirmasi As Byte
        konfirmasi = MsgBox("Data surat
keputusan=" + kode + "Akan Dihapus ?",
MsgBoxStyle.OkCancel)
        If konfirmasi = 1 Then
            Try
                Dim cmd As MySqlCommand
                cmd = New MySqlCommand(mysql,
conn)
                cmd.Connection = conn
```

```
                conn.Open()
                Dim status As String =
cmd.ExecuteNonQuery()
                If status > 0 Then
                    MsgBox("sukses",
MsgBoxStyle.Information)
                    conn.Close()

                End If
            Catch ex As Exception
                MsgBox("gagal" + ex.Message,
MsgBoxStyle.Critical)
            End Try
        End If
        Tampilkan()
    End Sub

    Private Sub Anggota_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles MyBase.Load
        connect()
        Tampilkan()
        Kode_suratkeputusansimpananwajib()
        panggil()
    End Sub

    Private Sub PictureBox2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles PictureBox2.Click
        Dim mysql = "insert into
t_sksimpananwajib values('" + TextBox1.Text +
"','" + TextBox2.Text + "','" + ComboBox1.Text +
"','" + TextBox3.Text + "','" + TextBox4.Text +
"','" + ComboBox2.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
    End Sub
    Sub panggil()
        Dim i As Byte
        Dim mysql As String = "SELECT nik_pegawai
FROM t_pegawai group by nik_pegawai"
        Dim da As New MySqlDataAdapter(mysql,
conn)
```

```
        Dim dt As New DataTable
        da.Fill(dt)
        ComboBox1.Items.Clear()
        For i = 0 To dt.Rows.Count - 1

ComboBox1.Items.Add(dt.Rows(i).Item(0))
        Next
    End Sub

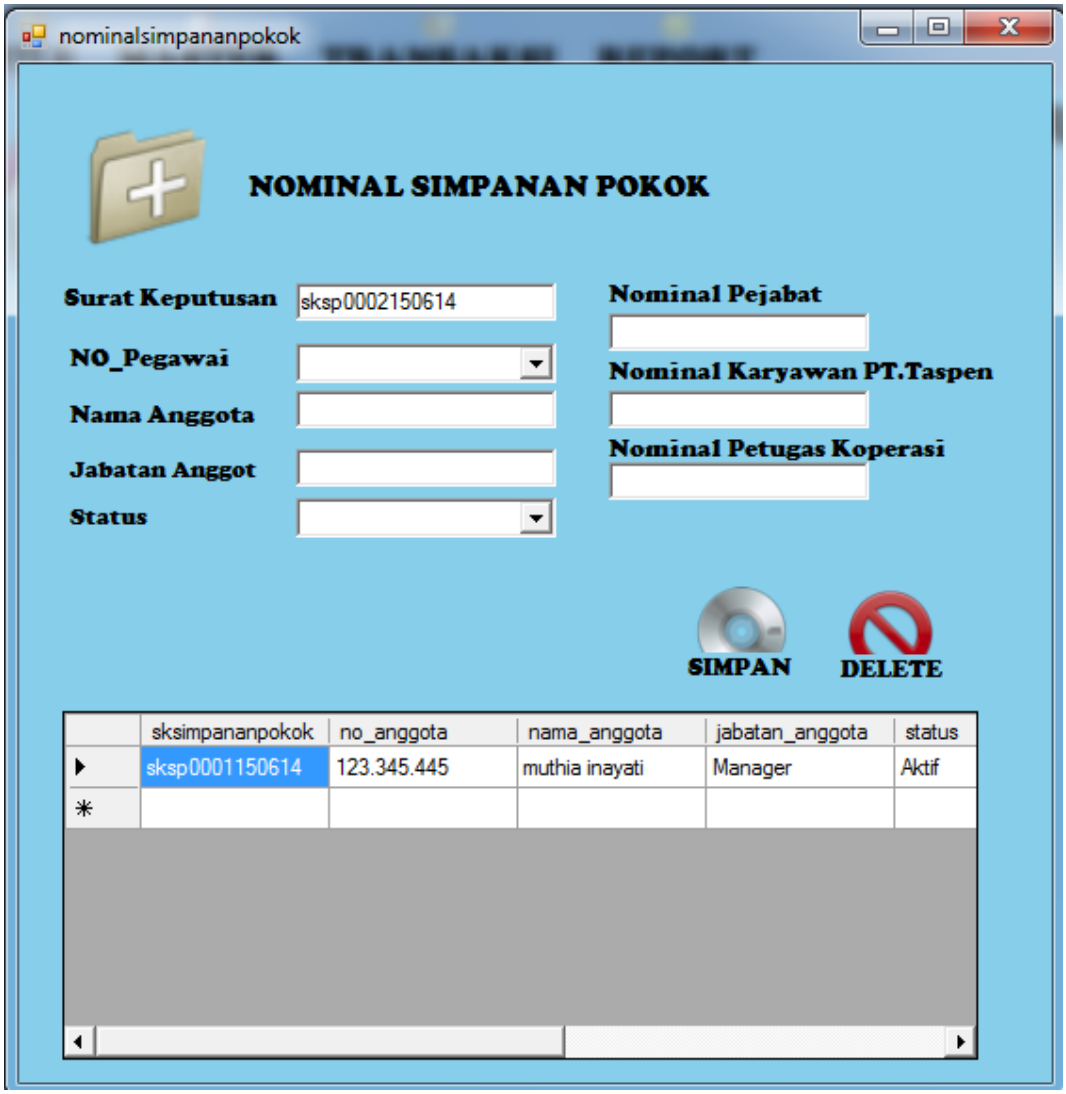
    Private Sub
ComboBox1_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles ComboBox1.SelectedIndexChanged
        Dim strSQL As String = "SELECT
nik_pegawai, nama_pegawai, jabatan_pegawai FROM
t_pegawai where nik_pegawai='" & ComboBox1.Text &
"'"

        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox3.Text = Dt.Rows(0).Item(1)
        TextBox4.Text = Dt.Rows(0).Item(2)

    End Sub

    Private Sub
ComboBox2_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles ComboBox2.SelectedIndexChanged

    End Sub
End Class
```



Gambar 4.68 *Tampilan Nominal simpanan pokok*

Tabel 4.12. *Listing Input nominal simpanan pokok*

Listing Program	Keterangan

`Imports MySql.Data.MySqlClient`
 	
`Public Class nominalsimp  ananpokok`
`  Sub Kode_suratkeputusansimpananpokok()`
`  Dim Nourut, kode, tanggal As String`
`  Dim tgl As Date`
`  tgl = Format(Date.Today, "yyy-MM-dd")`
`  Dim strday As String = tgl.Day`
 	
`  If strday.Length = 1 Then`
`  strday = "0" & strday`
`  End If`
 	
`  Dim strmonth As String = tgl.Month`
`  If strmonth.Length = 1 Then`
`  strmonth = "0" & strmonth`
`  End If`
	Nominal bunga pinjam

```
        Dim a As String =
Strings.Right(tgl.Year, 2)
        tanggal = strday & strmonth & a 'strday
& strmounth & a
        Dim strSQL = "Select * from
t_nominalsimpananpokok where sksimpananpokok
like '%" & tanggal & "%'"
        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)

        Nourut = Dt.Rows.Count + 1
        If Nourut.Length = 1 Then
            Nourut = "000" & Nourut
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "sksp" & Nourut & tanggal

        TextBox1.Text = kode
    End Sub
    Sub Tampilkan()
        Dim mysql = " select * from
t_nominalsimpananpokok"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub


    Private Sub PictureBox2_Click(ByVal sender
As System.Object, ByVal e As System.EventArgs)
Handles PictureBox2.Click
        Dim mysql = "insert into
t_nominalsimpananpokok values('" +
TextBox1.Text + "','" + ComboBox1.Text + "','"
+ TextBox2.Text + "','" + TextBox3.Text + "','"
+ ComboBox2.Text + "','" + TextBox4.Text +
"','" + TextBox6.Text + "','" + TextBox5.Text +
"')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
```

```
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
    End Sub
    Sub panggil()
        Dim i As Byte
        Dim mysql As String = "SELECT
nik_pegawai FROM t_pegawai group by
nik_pegawai"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        ComboBox1.Items.Clear()
        For i = 0 To dt.Rows.Count - 1

ComboBox1.Items.Add(dt.Rows(i).Item(0))
        Next
    End Sub
    Private Sub nominalsimpananpokok_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        connect()
        Tampilkan()
        Kode_suratkeputusansimpananpokok()
        panggil()
    End Sub

    Private Sub PictureBox3_Click(ByVal sender
As System.Object, ByVal e As System.EventArgs)
Handles PictureBox3.Click
        Dim indeksBaris As Integer
        Dim mysql, kode As String

        indeksBaris =
DataGridView1.CurrentRow.Index
        kode = DataGridView1.Item(0,
indeksBaris).Value

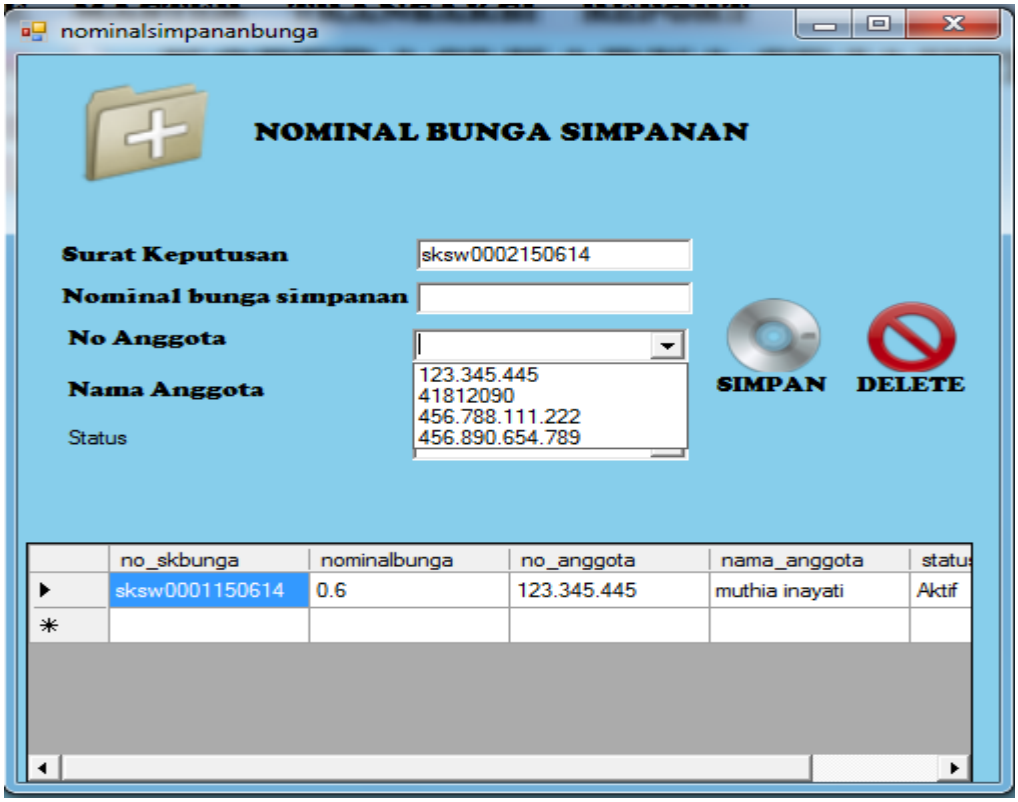
        mysql = "DELETE FROM
t_nominalsimpananpokok WHERE sksimpananpokok='"
+ kode + "'"
        Dim konfirmasi As Byte
        konfirmasi = MsgBox("Data surat
keputusan=" + kode + "Akan Dihapus ?",
MsgBoxStyle.OkCancel)
        If konfirmasi = 1 Then
            Try
                Dim cmd As MySqlCommand
                cmd = New MySqlCommand(mysql,
conn)
                cmd.Connection = conn
                conn.Open()
                Dim status As String =
```

```
cmd.ExecuteNonQuery()
                If status > 0 Then
                    MsgBox("sukses",
MsgBoxStyle.Information)
                    conn.Close()

                End If
            Catch ex As Exception
                MsgBox("gagal" + ex.Message,
MsgBoxStyle.Critical)
            End Try
        End If
        Tampilkan()
    End Sub

    Private Sub
ComboBox1_SelectedIndexChanged_1(ByVal sender
As System.Object, ByVal e As System.EventArgs)
Handles ComboBox1.SelectedIndexChanged
        Dim strSQL As String = "SELECT
nik_pegawai, nama_pegawai, jabatan_pegawai FROM
t_pegawai where nik_pegawai='" & ComboBox1.Text
& "'"

        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox2.Text = Dt.Rows(0).Item(1)
        TextBox3.Text = Dt.Rows(0).Item(2)
    End Sub
End Class
```



Gambar 4.69.*nominal bunga simpanan*

Tabel 4.13 *Listing nominal bunga simpanan*

Listing Program	Keterangan

`Imports MySql.Data.MySqlClient`
 	
`Public Class nominalsimpananbunga`
`  Sub Kode_suratkeputusanbungasimpanan()`
`  Dim Nourut, kode, tanggal As String`
`  Dim tgl As Date`
`  tgl = Format(Date.Today, "yyy-MM-dd")`
`  Dim strday As String = tgl.Day`
 	
`  If strday.Length = 1 Then`
`  strday = "0" & strday`
`  End If`
 	
`  Dim strmonth As String = tgl.Month`
`  If strmonth.Length = 1 Then`
`  strmonth = "0" & strmonth`
`  End If`
 	
`  Dim a As String = Strings.Right(tgl.Year, 2)`
`  tanggal = strday & strmonth & a 'strday & strmounth & a`
`  Dim strSQL = "Select * from t_bungasimpanan where no_skbunga like '%" & tanggal & "%'"`
	Nominal bunga simpanan

```
        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)

        Nourut = Dt.Rows.Count + 1
        If Nourut.Length = 1 Then
            Nourut = "000" & Nourut
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "sksw" & Nourut & tanggal

        TextBox1.Text = kode
    End Sub
    Sub Tampilkan()
        Dim mysql = " select * from
t_bungasimpanan"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub

    Private Sub PictureBox2_Click(ByVal sender
As System.Object, ByVal e As System.EventArgs)
Handles PictureBox2.Click
        Dim mysql = "insert into
t_bungasimpanan values('" + TextBox1.Text +
"','" + TextBox2.Text + "','" + ComboBox1.Text
+ "','" + TextBox4.Text + "','" +
ComboBox2.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
    End Sub

    Private Sub PictureBox3_Click(ByVal sender
```

```
As System.Object, ByVal e As System.EventArgs)
Handles PictureBox3.Click
        Dim indeksBaris As Integer
        Dim mysql, kode As String

        indeksBaris =
DataGridView1.CurrentRow.Index
        kode = DataGridView1.Item(0,
indeksBaris).Value

        mysql = "DELETE FROM t_bungasimpanan
WHERE no_skbunga='" + kode + "'"
        Dim konfirmasi As Byte
        konfirmasi = MsgBox("Data surat
keputusan=" + kode + "Akan Dihapus ?",
MsgBoxStyle.OkCancel)
        If konfirmasi = 1 Then
            Try
                Dim cmd As MySqlCommand
                cmd = New MySqlCommand(mysql,
conn)
                cmd.Connection = conn
                conn.Open()
                Dim status As String =
cmd.ExecuteNonQuery()
                If status > 0 Then
                    MsgBox("sukses",
MsgBoxStyle.Information)
                    conn.Close()

                End If
            Catch ex As Exception
                MsgBox("gagal" + ex.Message,
MsgBoxStyle.Critical)
            End Try
        End If
        Tampilkan()
    End Sub
    Sub panggil()
        Dim i As Byte
        Dim mysql As String = "SELECT
nik_pegawai FROM t_pegawai group by
nik_pegawai"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        ComboBox1.Items.Clear()
        For i = 0 To dt.Rows.Count - 1

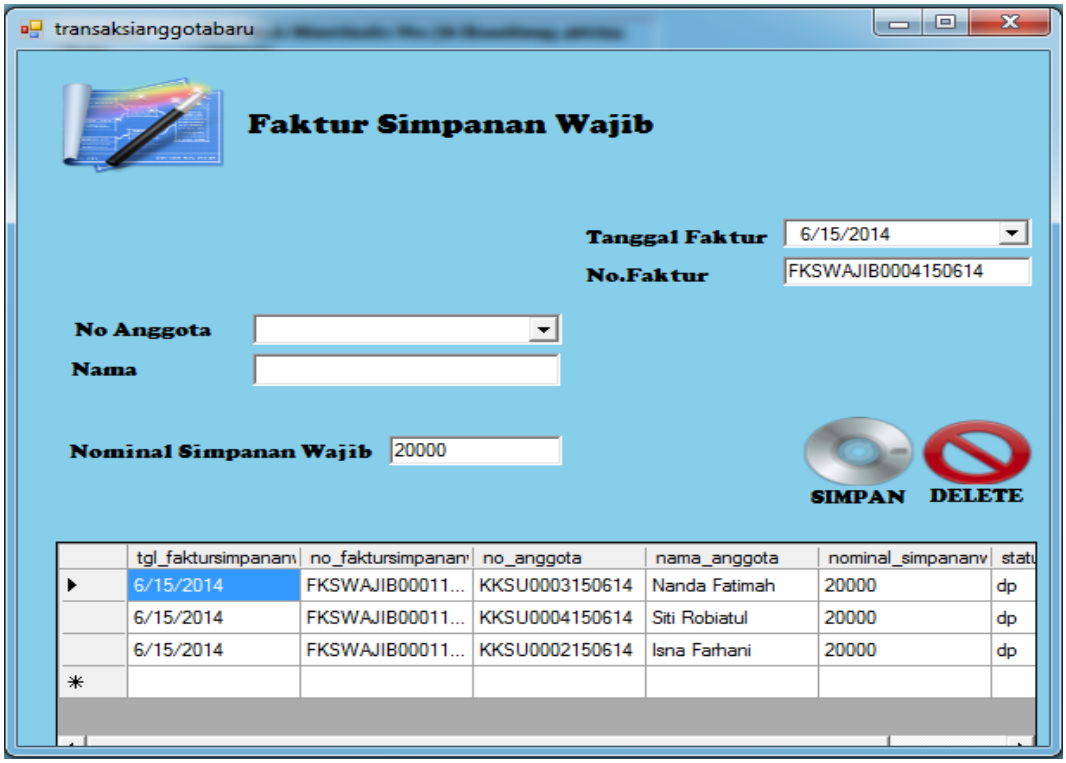
ComboBox1.Items.Add(dt.Rows(i).Item(0))
        Next
    End Sub
    Private Sub
ComboBox1_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles ComboBox1.SelectedIndexChanged
        Dim strSQL As String = "SELECT
nik_pegawai, nama_pegawai FROM t_pegawai where
```

```
nik_pegawai='" & ComboBox1.Text & "'"

        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox4.Text = Dt.Rows(0).Item(1)

    End Sub

    Private Sub nominalsimpananbunga_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        connect()
        Tampilkan()
        Kode_suratkeputusanbungasimpanan()
        panggil()
    End Sub
End Class
```



Gambar 4.70 *Tampilan Faktur simpanan wajib*

Tabel 4.14 *Listing Faktur simpanan wajib*

Listing Program	Keterangan

`Imports MySql.Data.MySqlClient`
`Public Class transaksianggotabaru`
 	
`    Sub Kode_anggota()`
`        Dim Nourut, kode, tanggal As String`
`        Dim tgl As Date`
	Program Faktur Simpanan wajib

```
        tgl = Format(DateTimePicker1.Value, "yyy-
MM-dd")
        Dim strday As String = tgl.Day

        If strday.Length = 1 Then
            strday = "0" & strday
        End If

        Dim strmonth As String = tgl.Month
        If strmonth.Length = 1 Then
            strmonth = "0" & strmonth
        End If

        Dim a As String = Strings.Right(tgl.Year,
2)
        tanggal = strday & strmonth & a 'strday &
strmounth & a
        Dim strSQL = "Select * from
t_trsimpananwajib where no_faktursimpananwajib
like '%" & tanggal & "%'"
        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)

        Nourut = Dt.Rows.Count + 1
        If Nourut.Length = 1 Then
            Nourut = "000" & Nourut
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "FKSWAJIB" & Nourut & tanggal

        TextBox9.Text = kode
    End Sub

    Private Sub DateTimePicker1_ValueChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
DateTimePicker1.ValueChanged
        Kode_anggota()
    End Sub

    Sub Tampilkan()
        Dim mysql = " select * from
t_trsimpananwajib"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub
    Private Sub PictureBox2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
```

```
Handles PictureBox2.Click
        Dim mysql = "insert into t_trsimpananwajib
values('" + Format(DateTimePicker1.Value, "yyy-MM-
dd") + "','" + TextBox9.Text + "','" +
ComboBox1.Text + "','" + TextBox2.Text + "','" +
TextBox5.Text + "','dp')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
    End Sub

    Private Sub PictureBox3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles PictureBox3.Click
        Dim indeksBaris As Integer
        Dim mysql, kode As String

        indeksBaris =
DataGridView1.CurrentRow.Index
        kode = DataGridView1.Item(0,
indeksBaris).Value

        mysql = "DELETE FROM t_trsimpananwajib
WHERE no_faktursimpananwajib='" + kode + "'"
        Dim konfirmasi As Byte
        konfirmasi = MsgBox("Data surat
keputusan=" + kode + "Akan Dihapus ?",
MsgBoxStyle.OkCancel)
        If konfirmasi = 1 Then
            Try
                Dim cmd As MySqlCommand
                cmd = New MySqlCommand(mysql,
conn)
                cmd.Connection = conn
                conn.Open()
                Dim status As String =
cmd.ExecuteNonQuery()
                If status > 0 Then
                    MsgBox("sukses",
MsgBoxStyle.Information)
                    conn.Close()

                End If
            Catch ex As Exception
```

```
                MsgBox("gagal" + ex.Message,
MsgBoxStyle.Critical)
            End Try
        End If
        Tampilkan()
    End Sub

    Private Sub transaksianggotabaru_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        connect()
        Tampilkan()
        Kode_anggota()
        panggil()
        panggilnominal()

    End Sub
    Sub panggilnominal()
        Dim strSQL As String = "SELECT
nominal_simpananwajib FROM t_sksimpananwajib where
status='Aktif'"

        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox5.Text = Dt.Rows(0).Item(0)
    End Sub
    Sub panggil()
        Dim i As Byte
        Dim mysql As String = "SELECT no_anggota
FROM t_anggota"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        ComboBox1.Items.Clear()
        For i = 0 To dt.Rows.Count - 1

ComboBox1.Items.Add(dt.Rows(i).Item(0))
        Next
    End Sub

    Private Sub
ComboBox1_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles ComboBox1.SelectedIndexChanged
        Dim strSQL As String = "SELECT
nama_anggota FROM t_anggota where no_anggota='" &
ComboBox1.Text & "'"

        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox2.Text = Dt.Rows(0).Item(0)

    End Sub
End Class
```



Gambar 4.71*Tampilan faktur simpanan pokok*

Tabel 4.15. *Listing Faktur simpanan pokok*

Listing Program	Keterangan

`Imports MySql.Data.MySqlClient`
 	
`Public Class transaksisimpananpokok`
`  Sub Kode_anggota()`
`  Dim Nourut, kode, tanggal As String`
`  Dim tgl As Date`
`  tgl = Format(DateTimePicker1.Value, "yyy-MM-dd")`
`  Dim strday As String = tgl.Day`
 	
`  If strday.Length = 1 Then`
`  strday = "0" & strday`
`  End If`
 	
`  Dim strmonth As String = tgl.Month`
`  If strmonth.Length = 1 Then`
`  strmonth = "0" & strmonth`
`  End If`
 	
`  Dim a As String = Strings.Right(tgl.Year, 2)`
`  tanggal = strday & strmonth & a 'strday & strmounth & a`
`  Dim strSQL = "Select * from t_trsimpananpokok where no_faktursimpananpokok like '%" & tanggal & "%'"`
`  Dim Da As New MySqlDataAdapter(strSQL, conn)`
`  Dim Dt As New DataTable`
`  Da.Fill(Dt)`
 	
`  Nourut = Dt.Rows.Count + 1`
	Program untuk faktur simpanan pokok

```
        If Nourut.Length = 1 Then
            Nourut = "000" & Nourut
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "FKSPOKOK" & Nourut & tanggal

        TextBox9.Text = kode
    End Sub

    Private Sub DateTimePicker1_ValueChanged(ByVal
sender As System.Object, ByVal e As System.EventArgs)
Handles DateTimePicker1.ValueChanged
        Kode_anggota()
    End Sub
    Sub Tampilkan()
        Dim mysql = " select * from t_trsimpananpokok"
        Dim da As New MySqlDataAdapter(mysql, conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub

    Private Sub PictureBox2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PictureBox2.Click
        Dim mysql = "insert into t_trsimpananpokok
values('" + Format(DateTimePicker1.Value, "yyy-MM-dd")
+ "','" + TextBox9.Text + "','" + ComboBox1.Text +
"','" + TextBox1.Text + "','" + TextBox2.Text + "','" +
TextBox5.Text + "','dp')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String = cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" + ex.Message,
MsgBoxStyle.Critical)
        End Try
        Tampilkan()
    End Sub

    Private Sub PictureBox3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PictureBox3.Click
        Dim indeksBaris As Integer
```

```
        Dim mysql, kode As String

        indeksBaris = DataGridView1.CurrentRow.Index
        kode = DataGridView1.Item(0, indeksBaris).Value

        mysql = "DELETE FROM t_trsimpananpokok where
no_fakturs impananpokok='" + kode + "'"
        Dim konfirmasi As Byte
        konfirmasi = MsgBox("Data surat keputusan=" +
kode + "Akan Dihapus ?", MsgBoxStyle.OkCancel)
        If konfirmasi = 1 Then
            Try
                Dim cmd As MySqlCommand
                cmd = New MySqlCommand(mysql, conn)
                cmd.Connection = conn
                conn.Open()
                Dim status As String =
cmd.ExecuteNonQuery()
                If status > 0 Then
                    MsgBox("sukses",
MsgBoxStyle.Information)
                    conn.Close()

                End If
            Catch ex As Exception
                MsgBox("gagal" + ex.Message,
MsgBoxStyle.Critical)
            End Try
        End If
        Tampilkan()
    End Sub

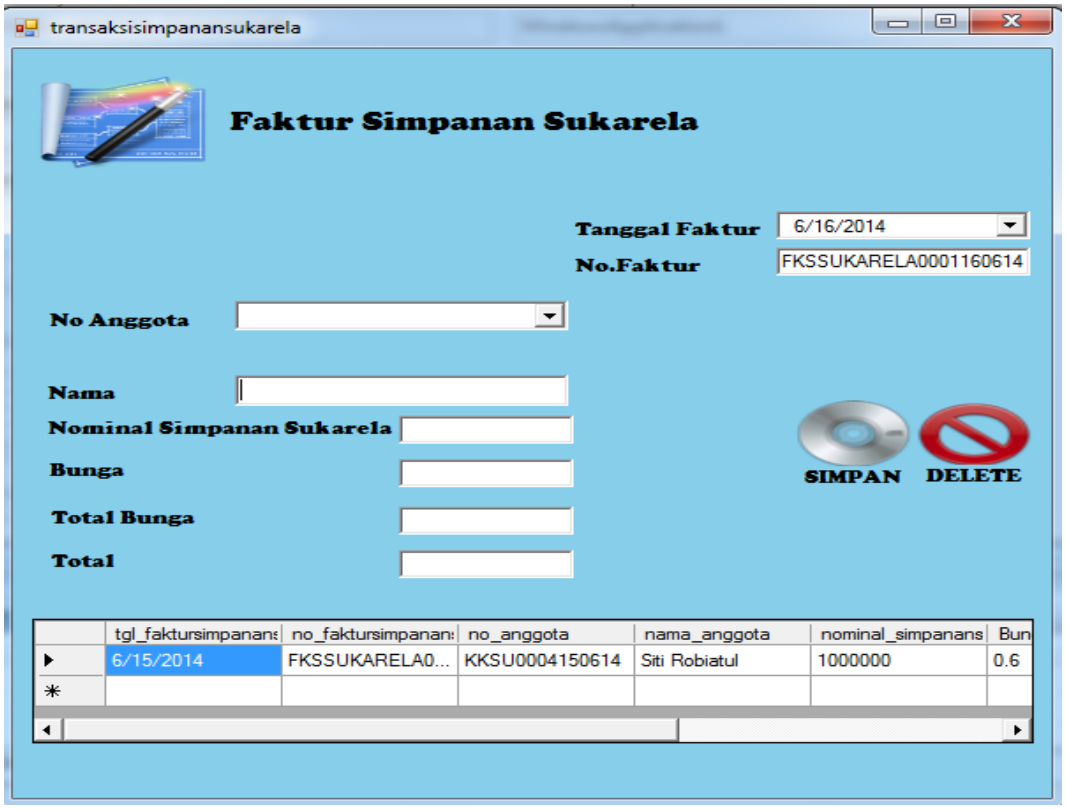
    Private Sub transaksisimpananpokok_Load(ByVal
sender As System.Object, ByVal e As System.EventArgs)
Handles MyBase.Load
        connect()
        Tampilkan()
        Kode_anggota()
        panggil()
        apalah()


    End Sub
    Sub panggil()
        Dim i As Byte
        Dim mysql As String = "SELECT no_anggota FROM
t_anggota group by no_anggota"
        Dim da As New MySqlDataAdapter(mysql, conn)
        Dim dt As New DataTable
        da.Fill(dt)
        ComboBox1.Items.Clear()
        For i = 0 To dt.Rows.Count - 1
            ComboBox1.Items.Add(dt.Rows(i).Item(0))
        Next
    End Sub
    Private Sub ComboBox1_SelectedIndexChanged(ByVal
sender As System.Object, ByVal e As System.EventArgs)
Handles ComboBox1.SelectedIndexChanged
        Dim strSQL As String = "SELECT nama_anggota,
```

```
jabatan_anggota FROM t_anggota where no_anggota='" &
ComboBox1.Text & "'"

        Dim Da As New MySqlDataAdapter(strSQL, conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox1.Text = Dt.Rows(0).Item(0)
        TextBox2.Text = Dt.Rows(0).Item(1)

    End Sub
    Sub apalah()
        Dim strSQLa As String = "SELECT nominalpejabat
FROM t_nominalsimpananpokok where status='Aktif'"
        Dim Da1 As New MySqlDataAdapter(strSQLa, conn)
        Dim Dt1 As New DataTable
        Da1.Fill(Dt1)
        TextBox5.Text = Dt1.Rows(0).Item(0)
    End Sub
End Class
```



Gambar 4.72 *Tampilan Simpanan Sukarela*

Tabel 4.16 *Listing Jurnal Umum*

Listing Program	Keterangan

`Imports MySql.Data.MySqlClient`
`Public Class transaksisimpanansukarela`
`    Dim a As Integer`
`    Sub Kode_anggota()`
`        Dim Nourut, kode, tanggal As String`
	Program simpanan sukarela

```
        Dim tgl As Date
        tgl = Format(DateTimePicker1.Value, "yyy-MM-
dd")
        Dim strday As String = tgl.Day

        If strday.Length = 1 Then
            strday = "0" & strday
        End If

        Dim strmonth As String = tgl.Month
        If strmonth.Length = 1 Then
            strmonth = "0" & strmonth
        End If

        Dim a As String = Strings.Right(tgl.Year, 2)
        tanggal = strday & strmonth & a 'strday &
strmounth & a
        Dim strSQL = "Select * from
t_trsimpanansukarela where no_faktursimpanansukarela
like '%" & tanggal & "%'"
        Dim Da As New MySqlDataAdapter(strSQL, conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)

        Nourut = Dt.Rows.Count + 1
        If Nourut.Length = 1 Then
            Nourut = "000" & Nourut
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "FKSSUKARELA" & Nourut & tanggal

        TextBox9.Text = kode
    End Sub

    Private Sub DateTimePicker1_ValueChanged(ByVal
sender As System.Object, ByVal e As System.EventArgs)
Handles DateTimePicker1.ValueChanged
        Kode_anggota()
    End Sub
    Sub Tampilkan()
        Dim mysql = " select * from
t_trsimpanansukarela"
        Dim da As New MySqlDataAdapter(mysql, conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub

    Private Sub PictureBox2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PictureBox2.Click
        Dim mysql = "insert into t_trsimpanansukarela
values('" + Format(DateTimePicker1.Value, "yyy-MM-
```

```
dd") + "','" + TextBox9.Text + "','" + ComboBox1.Text
+ "','" + TextBox2.Text + "','" + TextBox5.Text +
"','" + TextBox6.Text + "','" + TextBox1.Text + "','"
+ TextBox7.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
        simpanjurnal()
    End Sub

    Private Sub PictureBox3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
PictureBox3.Click
        Dim indeksBaris As Integer
        Dim mysql, kode As String

        indeksBaris = DataGridView1.CurrentRow.Index
        kode = DataGridView1.Item(0,
indeksBaris).Value

        mysql = "DELETE FROM t_trsimpanansukarela
WHERE no_faktursimpanansukarela='" + kode + "'"
        Dim konfirmasi As Byte
        konfirmasi = MsgBox("Data surat keputusan=" +
kode + "Akan Dihapus ?", MsgBoxStyle.OkCancel)
        If konfirmasi = 1 Then
            Try
                Dim cmd As MySqlCommand
                cmd = New MySqlCommand(mysql, conn)
                cmd.Connection = conn
                conn.Open()
                Dim status As String =
cmd.ExecuteNonQuery()
                If status > 0 Then
                    MsgBox("sukses",
MsgBoxStyle.Information)
                    conn.Close()

                End If
            Catch ex As Exception
                MsgBox("gagal" + ex.Message,
MsgBoxStyle.Critical)
            End Try
        End If
```

```
        Tampilkan()
    End Sub

    Private Sub transaksisimpanansukarela_Load(ByVal
sender As System.Object, ByVal e As System.EventArgs)
Handles MyBase.Load
        connect()
        Tampilkan()
        Kode_anggota()
        panggil()
    End Sub
    Sub panggilnominal()
        Dim strSQL As String = "SELECT  nominalbunga
FROM t_bungasimpanan where status='Aktif'"

        Dim Da As New MySqlDataAdapter(strSQL, conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox5.Text = Dt.Rows(0).Item(0)
    End Sub
    Sub panggil()
        Dim i As Byte
        Dim mysql As String = "SELECT no_anggota FROM
t_anggota"
        Dim da As New MySqlDataAdapter(mysql, conn)
        Dim dt As New DataTable
        da.Fill(dt)
        ComboBox1.Items.Clear()
        For i = 0 To dt.Rows.Count - 1
            ComboBox1.Items.Add(dt.Rows(i).Item(0))
        Next
    End Sub

    Private Sub ComboBox1_SelectedIndexChanged(ByVal
sender As System.Object, ByVal e As System.EventArgs)
Handles ComboBox1.SelectedIndexChanged
        Dim strSQL As String = "SELECT nama_anggota
FROM t_anggota where no_anggota='" & ComboBox1.Text &
"'"

        Dim Da As New MySqlDataAdapter(strSQL, conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox2.Text = Dt.Rows(0).Item(0)

        Dim strSQLa As String = "SELECT nominalbunga
FROM t_bungasimpanan where status='Aktif'"

        Dim Da1 As New MySqlDataAdapter(strSQLa,
conn)
        Dim Dt1 As New DataTable
        Da1.Fill(Dt1)
        TextBox6.Text = Dt1.Rows(0).Item(0)

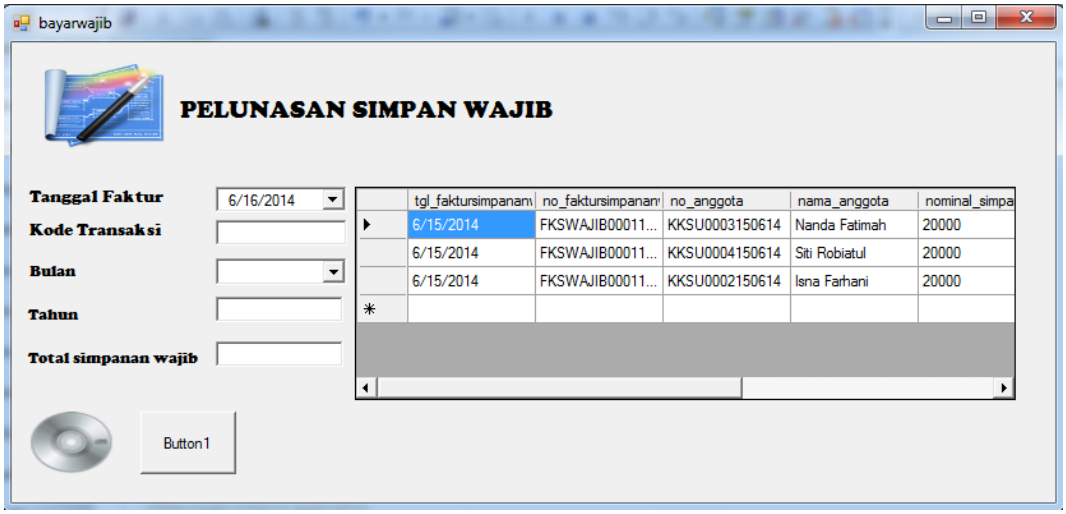
    End Sub
    Sub simpanjurnal()
        Dim mysql = "insert into t_jurnalumum
values('" + Format(DateTimePicker1.Value, "yyy-MM-
dd") + "','" + TextBox9.Text + "','kas','1.2','" +
```

```
TextBox7.Text + "','0','simpanan
sukarela','6.1','0','" + TextBox7.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                conn.Close()
            End If
        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub TextBox5_KeyPress(ByVal sender As
Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles
TextBox5.KeyPress
        TextBox5.MaxLength = 15
        If e.KeyChar = Chr(13) Then TextBox1.Text =
Val(TextBox5.Text) * Val(TextBox6.Text)
        TextBox7.Text = Val(TextBox5.Text) +
Val(TextBox1.Text)
        Select Case e.KeyChar
            Case Chr(48) To Chr(57)
                TextBox5.Focus()
            Case Chr(8)
                TextBox5.Focus()
            Case Chr(32)
                TextBox5.Focus()
            Case Else
                e.KeyChar = Chr(0)
        End Select
    End Sub

    Private Sub TextBox5_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
TextBox5.TextChanged

    End Sub
End Class
```



Gambar 73.*Tampilan pelunasan simpanan wajib*

Tabel 17.*listing pelunasan simpanan wajib*

Listing	***Keterangan***
Program pelunasan simpanan wajib	

```
Imports MySql.Data.MySqlClient
Public Class bayarwajib

    Sub Kode_LUNASWAJIB()
        Dim Nourut, kode, tanggal As String
        Dim tgl As Date
        tgl = Format(DateTimePicker1.Value,
"yyy-MM-dd")
        Dim strday As String = tgl.Day

        If strday.Length = 1 Then
            strday = "0" & strday
        End If

        Dim strmonth As String = tgl.Month
        If strmonth.Length = 1 Then
            strmonth = "0" & strmonth
        End If

        Dim a As String =
Strings.Right(tgl.Year, 2)
        tanggal = strday & strmonth & a
'strday & strmounth & a
        Dim strSQL = "Select * from
t_lunaswajib where kde_transaksi like '%" &
tanggal & "%'"
        Dim Da As New
MySqlDataAdapter(strSQL, conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)

        Nourut = Dt.Rows.Count + 1
        If Nourut.Length = 1 Then
            Nourut = "000" & Nourut
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
```

```
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "FLSW" & Nourut & tanggal

        TextBox9.Text = kode
    End Sub

    Private Sub
DateTimePicker1_ValueChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles DateTimePicker1.ValueChanged
        Kode_LUNASWAJIB()
    End Sub
    Sub Tampilkan()
        Dim mysql = " select * from
v_spinjam"
        Dim da As New
MySqlDataAdapter(mysql, conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub
    Sub Tampilkan1()
        Dim mysql = " select * from
v_spinjam where bulan='" & ComboBox1.Text &
"'and tahun='" & TextBox1.Text & "' and
status='dp'"
        Dim da As New
MySqlDataAdapter(mysql, conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub
    Sub total()
        Dim hitung As Integer = 0
        For i As Integer = 0 To
DataGridView1.Rows.Count - 1
            hitung = hitung +
DataGridView1.Rows(i).Cells(4).Value
            TextBox2.Text = hitung
        Next
    End Sub
    Private Sub PictureBox2_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles PictureBox2.Click
        Dim mysql = "insert into
t_lunaswajib values('" +
Format(DateTimePicker1.Value, "yyy-MM-dd") +
"','" + TextBox9.Text + "','" +
ComboBox1.Text + "','" + TextBox1.Text +
"','" + TextBox2.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql,
conn)
            cmd.Connection = conn
```

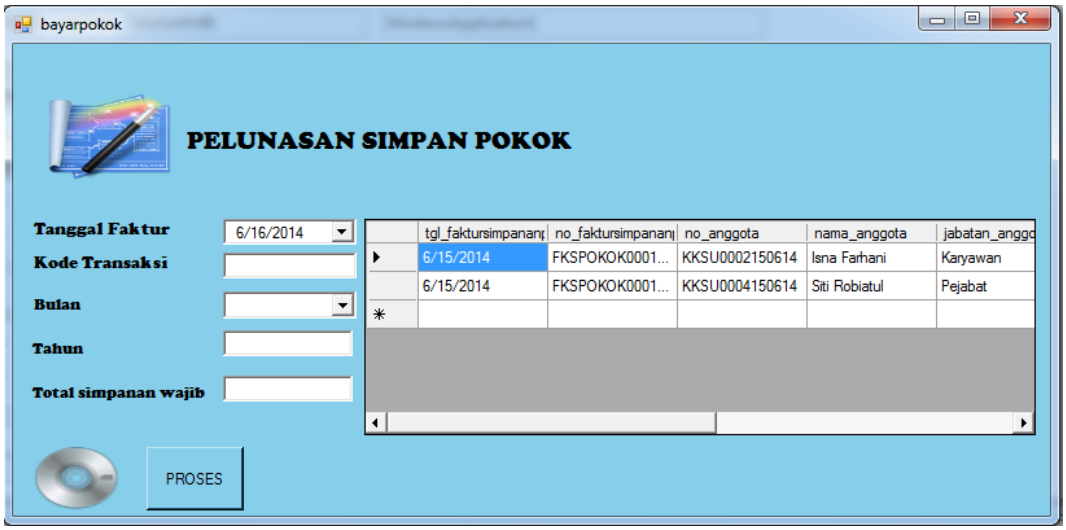
```
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan
sukses", MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
        simpanjurnal()

    End Sub

    Private Sub bayarwajib_Load(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        connect()
        Tampilkan()
    End Sub


    Private Sub Button1_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        Tampilkan1()
        total()
    End Sub
    Sub simpanjurnal()
        Dim mysql = "insert into
t_jurnalumum values('" +
Format(DateTimePicker1.Value, "yyy-MM-dd") +
"','" + TextBox9.Text + "','Kas','1.2','" +
TextBox2.Text + "','0','Simpanan
Wajib','3.1','0','" + TextBox2.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql,
conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                conn.Close()
            End If
        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
    End Sub
                End Class
```



Gambar 74.*Pelunasan Simpanan Pokok*

Tabel 18.*listing pelunasan simpanan pokok*

Listing	keterangan

Imports MySql.Data.MySqlClient
Public Class bayarpokok
Sub Kode_LUNASpokok()
Dim Nourut, kode, tanggal As String
Dim tgl As Date
tgl = Format(DateTimePicker1.Value, "yyy-MM-dd")
Dim strday As String = tgl.Day
 	
If strday.Length = 1 Then
strday = "0" & strday
End If
 	
Dim strmonth As String = tgl.Month
If strmonth.Length = 1 Then
strmonth = "0" & strmonth
End If
 	
Dim a As String = Strings.Right(tgl.Year, 2)
tanggal = strday & strmonth & a 'strday & strmounth & a
Dim strSQL = "Select * from t_lunaspokok where kd_tr like '%" & tanggal & "%'"
Dim Da As New MySqlDataAdapter(strSQL, conn)
Dim Dt As New DataTable
Da.Fill(Dt)
 	
Nourut = Dt.Rows.Count + 1
If Nourut.Length = 1 Then
Nourut = "000" & Nourut
	Pelunasan
	
	simpanan pokok

```
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "FLSP" & Nourut & tanggal

        TextBox9.Text = kode
    End Sub

    Private Sub
DateTimePicker1_ValueChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles DateTimePicker1.ValueChanged
        Kode_LUNASpokok()
    End Sub
    Sub Tampilkan()
        Dim mysql = " select * from
v_lunaspokok"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub
    Sub Tampilkan1()
        Dim mysql = " select * from v_lunaspokok
where bulan='" & ComboBox1.Text & "'and tahun='"
& TextBox1.Text & "' and status='dp'"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub
    Sub total()
        Dim hitung As Integer = 0
        For i As Integer = 0 To
DataGridView1.Rows.Count - 1
            hitung = hitung +
DataGridView1.Rows(i).Cells(5).Value
            TextBox2.Text = hitung
        Next
    End Sub

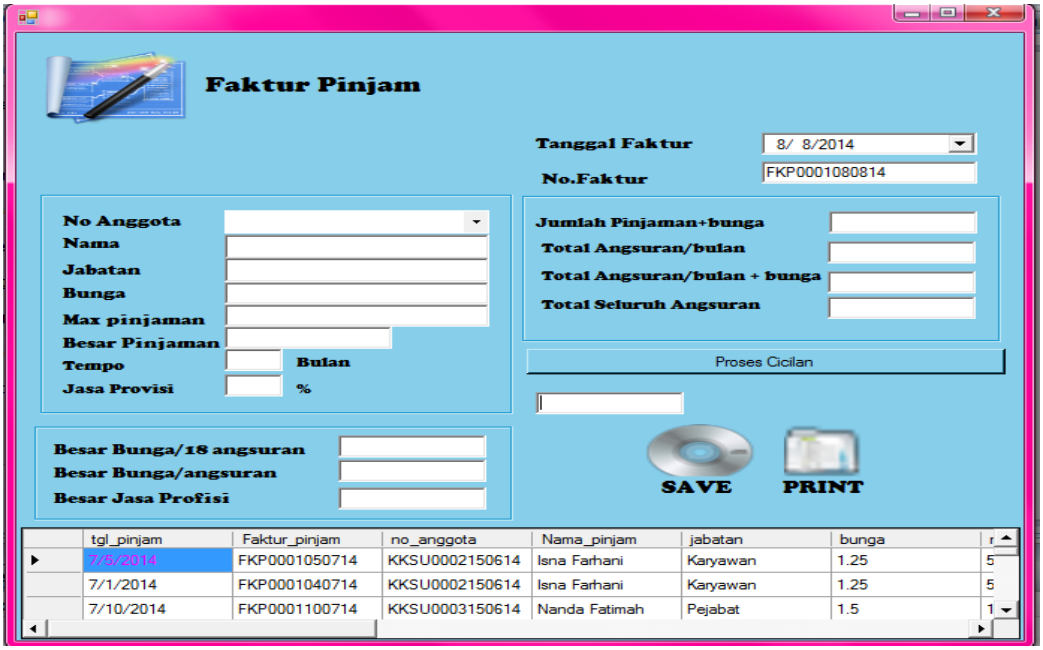
    Private Sub PictureBox2_Click(ByVal sender
As System.Object, ByVal e As System.EventArgs)
Handles PictureBox2.Click
        Dim mysql = "insert into t_lunaspokok
values('" + Format(DateTimePicker1.Value, "yyy-
MM-dd") + "','" + TextBox9.Text + "','" +
ComboBox1.Text + "','" + TextBox1.Text + "','" +
TextBox2.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
```

```
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
        simpanjurnal()
    End Sub

    Private Sub bayarpokok_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles MyBase.Load
        connect()
        Tampilkan()
    End Sub
    Sub simpanjurnal()
        Dim mysql = "insert into t_jurnalumum
values('" + Format(DateTimePicker1.Value, "yyy-
MM-dd") + "','" + TextBox9.Text +
"','Kas','1.1','" + TextBox2.Text +
"','0','Simpanan Pokok','3.1','0','" +
TextBox2.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                conn.Close()
            End If
        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
    End Sub

    Private Sub Button1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button1.Click
        Tampilkan1()
        total()
    End Sub
End Class
```



Gambar 4.75.*Faktur Pinjam*

Tabel 4.19.*Listing Faktur pinjam*

Listing	Keterangan

Imports MySql.Data.MySqlClient
Public Class peminjaman
Dim a As Integer
Sub Kode_anggota()
Dim Nourut, kode, tanggal As String
Dim tgl As Date
tgl = Format(DateTimePicker1.Value, "yyy-MM-dd")
Dim strday As String = tgl.Day
 	
If strday.Length = 1 Then
strday = "0" & strday
End If
 	
Dim strmonth As String = tgl.Month
If strmonth.Length = 1 Then
strmonth = "0" & strmonth
End If
 	
Dim a As String = Strings.Right(tgl.Year, 2)
tanggal = strday & strmonth & a 'strday & strmounth & a
Dim strSQL = "Select * from t_trsimpanansukarela where no_fakturs imp anansukarela like '%" & tanggal & "%'"
Dim Da As New MySqlDataAdapter(strSQL, conn)
	Program
	
	peminjaman

```
        Dim Dt As New DataTable
        Da.Fill(Dt)

        Nourut = Dt.Rows.Count + 1
        If Nourut.Length = 1 Then
            Nourut = "000" & Nourut
        End If
        If Nourut.Length = 2 Then
            Nourut = "00" & Nourut
        End If
        If Nourut.Length = 3 Then
            Nourut = "0" & Nourut
        End If

        kode = "FKP" & Nourut & tanggal

        TextBox9.Text = kode
    End Sub

    Private Sub DateTimePicker1_ValueChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
DateTimePicker1.ValueChanged
        Kode_anggota()
    End Sub
    Sub Tampilkan()
        Dim mysql = " select * from t_pinjaman"
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        DataGridView1.DataSource = dt
    End Sub

    Private Sub PictureBox2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles PictureBox2.Click
        Dim mysql = "insert into t_pinjaman
values('" + Format(DateTimePicker1.Value, "yyy-MM-
dd") + "','" + TextBox9.Text + "','" +
ComboBox1.Text + "','" + TextBox2.Text + "','" +
TextBox5.Text + "','" + TextBox6.Text + "','" +
TextBox1.Text + "','" + TextBox7.Text + "','" +
TextBox3.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                MsgBox("proses simpan sukses",
MsgBoxStyle.Information)
                conn.Close()
            End If

        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
```

```
ex.Message, MsgBoxStyle.Critical)
        End Try
        Tampilkan()
        simpanjurnal()
    End Sub

    Private Sub PictureBox3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
        Dim indeksBaris As Integer
        Dim mysql, kode As String

        indeksBaris =
DataGridView1.CurrentRow.Index
        kode = DataGridView1.Item(0,
indeksBaris).Value

        mysql = "DELETE FROM t_pinjaman WHERE
no_pinjaman='" + kode + "'"
        Dim konfirmasi As Byte
        konfirmasi = MsgBox("Data surat
keputusan=" + kode + "Akan Dihapus ?",
MsgBoxStyle.OkCancel)
        If konfirmasi = 1 Then
            Try
                Dim cmd As MySqlCommand
                cmd = New MySqlCommand(mysql,
conn)
                cmd.Connection = conn
                conn.Open()
                Dim status As String =
cmd.ExecuteNonQuery()
                If status > 0 Then
                    MsgBox("sukses",
MsgBoxStyle.Information)
                    conn.Close()

                End If
            Catch ex As Exception
                MsgBox("gagal" + ex.Message,
MsgBoxStyle.Critical)
            End Try
        End If
        Tampilkan()

    End Sub

    Private Sub peminjaman_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles MyBase.Load
        connect()
        Tampilkan()
        Kode_anggota()
        panggil()
    End Sub
    Sub panggil()
        Dim i As Byte
        Dim mysql As String = "SELECT no_anggota
FROM t_skbungapinjam where status='Aktif' group by
no_anggota"
```

```
        Dim da As New MySqlDataAdapter(mysql,
conn)
        Dim dt As New DataTable
        da.Fill(dt)
        ComboBox1.Items.Clear()
        For i = 0 To dt.Rows.Count - 1

ComboBox1.Items.Add(dt.Rows(i).Item(0))
        Next
    End Sub


    Private Sub
ComboBox1_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles ComboBox1.SelectedIndexChanged
        Dim strSQL As String = "SELECT
nik_anggota, nama_anggota, jabatan_anggota,
no_anggota FROM t_anggota where no_anggota='" &
ComboBox1.Text & "'"

        Dim Da As New MySqlDataAdapter(strSQL,
conn)
        Dim Dt As New DataTable
        Da.Fill(Dt)
        TextBox2.Text = Dt.Rows(0).Item(1)

        Dim strSQLa As String = "SELECT
nominalbungapinjam FROM t_skbungapinjam where
no_anggota='" & ComboBox1.Text & "'"

        Dim Da1 As New MySqlDataAdapter(strSQLa,
conn)
        Dim Dt1 As New DataTable
        Da1.Fill(Dt1)
        TextBox6.Text = Dt1.Rows(0).Item(0)

    End Sub

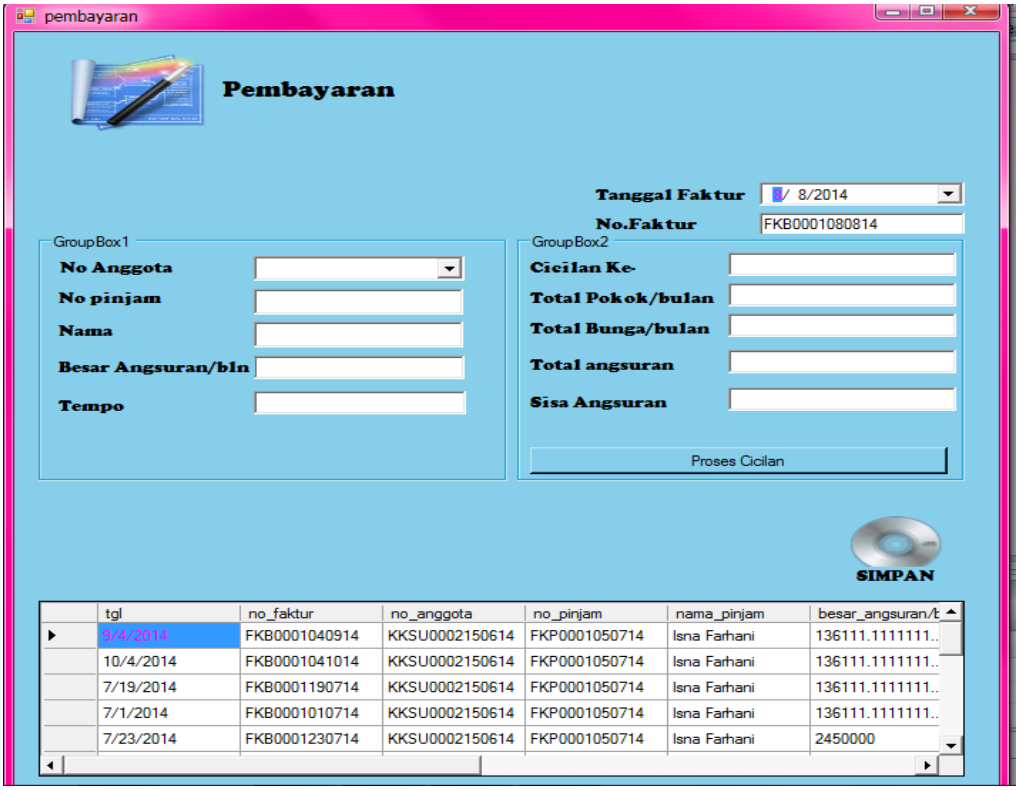
    Sub simpanjurnal()
        Dim mysql = "insert into t_jurnalumum
values('" + Format(DateTimePicker1.Value, "yyy-MM-
dd") + "','" + TextBox9.Text +
"','piutang','1.2','" + TextBox7.Text +
"','0','kas','1.1','0','" + TextBox7.Text + "')"
        Try
            Dim cmd As MySqlCommand
            cmd = New MySqlCommand(mysql, conn)
            cmd.Connection = conn
            conn.Open()
            Dim status As String =
cmd.ExecuteNonQuery
            If status > 0 Then
                conn.Close()
            End If
        Catch ex As Exception
            MsgBox("proses simpan gagal;" +
ex.Message, MsgBoxStyle.Critical)
        End Try
```

```
    End Sub

    Private Sub TextBox5_KeyPress(ByVal sender As
Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles
TextBox5.KeyPress
        TextBox5.MaxLength = 15
        If e.KeyChar = Chr(13) Then TextBox1.Text
= Val(TextBox5.Text) * Val(TextBox6.Text)
        TextBox7.Text = Val(TextBox5.Text) +
Val(TextBox1.Text)
        Select Case e.KeyChar
            Case Chr(48) To Chr(57)
                TextBox5.Focus()
            Case Chr(8)
                TextBox5.Focus()
            Case Chr(32)
                TextBox5.Focus()
            Case Else
                e.KeyChar = Chr(0)
        End Select
    End Sub

    Private Sub TextBox5_TextChanged(ByVal sender
As System.Object, ByVal e As System.EventArgs)
Handles TextBox5.TextChanged

    End Sub
                    End Class
```

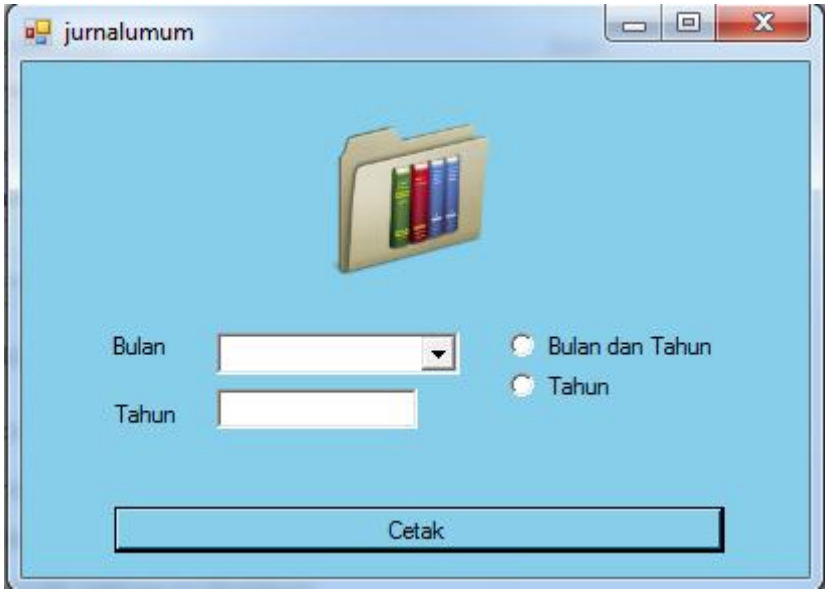


Gambar 4.76.*Pembayaran*

Tabel 4.20.*Listing Pembayaran*

Listing	Keterangan

Public Class pembayaran
 	
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
If RadioButton1.Checked = True Then
 	
Tampilcetakjurnal.CrystalReport21.RecordSelectionFormula = "{v_jurnalumum.bulan}='" & ComboBox1.Text & "' and {v_jurnalumum.tahun}='" & TextBox1.Text & "'"
Tampilcetakjurnal.Show()
End If
End Sub
End Class
	Program Pembayraan



Gambar 4.77.*Tampilan Jurnal umum*

Tabel 4.21.Listing Jurnal Umum

Listing	Keterangan

Public Class jurnalumum
 	
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
If RadioButton1.Checked = True Then
 	
Tampilcetakjurnal.CrystalReport21.RecordSelectionFormula = "{v_jurnalumum.bulan}='" & ComboBox1.Text & "' and {v_jurnalumum.tahun}='" & TextBox1.Text & "'"
Tampilcetakjurnal.Show()
End If
End Sub
End Class
	Program jurnal umum



Gambar4.78.*Tampilan Buku Besar*

Tabel 4.22.*listing buku besar*

Listing	Keterangan

`Imports MySql.Data.MySqlClient`
`Public Class bukubesar`
`  Sub kdnamaakun()`
`  Dim sql = "SELECT nama_akun2 FROM v_bbfinal group by nama_akun2"`
`  conn.open()`
`  Dim cmd = New MySqlCommand(sql, conn)`
`  Dim dr = cmd.ExecuteReader`
`  ComboBox1.Items.Clear()`
`  Do While dr.Read`
 	
`ComboBox1.Items.Add(dr("nama_akun2"))`
`  Loop`
`  dr.Close()`
`  conn.Close()`
`  End Sub`
`  End Class`
	Program untuk
	
	buku besar



Gambar 4.79. *Tampilan Neraca saldo*

Tabel 4.23.*Listing Neraca saldo*

Listing	Keterangan

Imports MySql.Data.MySqlClient
Public Class Neracasaldo
Private Sub Neraca_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
connect()
kas.Hide()
piutang_anggota.Hide()
simpanan.Hide()
simpanan_pokok.Hide()
simpanan_sukarela.Hide()
simpanan_wajib.Hide()
duit.Hide()
End Sub
Sub lihatdata()
Dim strsql As String = "Select * From v_lktahun where ref1=1.1 and tahun ='" & TextBox1.Text & "'"
Dim da As New MySqlDataAdapter(strsql, conn)
Dim dt As New DataTable
da.Fill(dt)
If dt.Rows.Count = 0 Then
kas.Text = 0
Else
kas.Text = (dt.Rows(0).Item(4)) * -1
End If
 	
Dim strsql1 As String = "Select * From v_lktahun where ref1=3.1 and tahun ='" & TextBox1.Text
	Listing neraca saldo

```
& "'"
        Dim da1 As New MySqlDataAdapter(strsql1, conn)
        Dim dt1 As New DataTable
        da1.Fill(dt1)
        If dt1.Rows.Count = 0 Then
            simpanan_pokok.Text = 0
        Else
            simpanan_pokok.Text =
(dt1.Rows(0).Item(4))
        End If

        Dim strsql2 As String = "Select * From
v_lktahun where ref1=3.2 and tahun ='" & TextBox1.Text
& "'"
        Dim da2 As New MySqlDataAdapter(strsql2, conn)
        Dim dt2 As New DataTable
        da2.Fill(dt2)
        If dt2.Rows.Count = 0 Then
            simpanan_wajib.Text = 0
        Else
            simpanan_wajib.Text =
(dt2.Rows(0).Item(4))
        End If

        Dim strsql3 As String = "Select * From
v_lktahun where ref1=3.3 and tahun ='" & TextBox1.Text
& "'"
        Dim da3 As New MySqlDataAdapter(strsql3, conn)
        Dim dt3 As New DataTable
        da3.Fill(dt3)
        If dt3.Rows.Count = 0 Then
            simpanan_sukarela.Text = 0
        Else
            simpanan_sukarela.Text =
(dt3.Rows(0).Item(4))
        End If

        Dim strsql4 As String = "Select * From
v_lktahun where ref1=3.4 and tahun ='" & TextBox1.Text
& "'"
        Dim da4 As New MySqlDataAdapter(strsql4, conn)
        Dim dt4 As New DataTable
        da4.Fill(dt4)
        If dt4.Rows.Count = 0 Then
            simpanan.Text = 0
        Else
            simpanan.Text = (dt4.Rows(0).Item(4)) * -1
        End If

        Dim strsql5 As String = "Select * From
v_lktahun where ref1=1.3 and tahun ='" & TextBox1.Text
& "'"
        Dim da5 As New MySqlDataAdapter(strsql5, conn)
        Dim dt5 As New DataTable
        da5.Fill(dt5)
        If dt5.Rows.Count = 0 Then
            piutang_anggota.Text = 0
        Else
            piutang_anggota.Text =
```

```
(dt5.Rows(0).Item(4))
        End If
        Dim strsql6 As String = "Select * From
v_lktahun where ref1=3.7 and tahun ='" & TextBox1.Text
& "'"
        Dim da6 As New MySqlDataAdapter(strsql6, conn)
        Dim dt6 As New DataTable
        da6.Fill(dt6)
        If dt6.Rows.Count = 0 Then
            duit.Text = 0
        Else
            duit.Text = (dt6.Rows(0).Item(4))
        End If
    End Sub

    Private Sub Button1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button1.Click
        lihatdata()

tampilneraca.CrystalReport31.SetParameterValue("kas",
kas.Text)

tampilneraca.CrystalReport31.SetParameterValue("piutan
g_anggota", piutang_anggota.Text)

tampilneraca.CrystalReport31.SetParameterValue("simpan
an_pokok", simpanan_pokok.Text)

tampilneraca.CrystalReport31.SetParameterValue("simpan
an_wajib", simpanan_wajib.Text)

tampilneraca.CrystalReport31.SetParameterValue("simpan
an_sukarela", simpanan_sukarela.Text)

tampilneraca.CrystalReport31.SetParameterValue("simpan
an", simpanan.Text)

tampilneraca.CrystalReport31.SetParameterValue("duit",
duit.Text)
        tampilneraca.Show()

    End Sub

    Private Sub kas_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
kas.TextChanged

    End Sub

    Private Sub duit_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
duit.TextChanged

    End Sub
                        End Class
```



Gambar 4.80. *Tampilan Neraca*

Tabel 4.24.*Listing Neraca*

Listing	Keterangan

`Imports MySql.Data.MySqlClient`
`Public Class neracabener`
`    Private Sub neracabener_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load`
`        connect()`
`        kas.Hide()`
`        piutang_anggota.Hide()`
`        simpanan.Hide()`
`        simpanan_pokok.Hide()`
`        simpanan_sukarela.Hide()`
`        simpanan_wajib.Hide()`
`        duit.Hide()`
`    End Sub`
`    Sub lihatdata()`
`        Dim strsql As String = "Select * From v_lktahun where ref1=1.1 and tahun ='" & TextBox1.Text & "'"`
`        Dim da As New MySqlDataAdapter(strsql, conn)`
`        Dim dt As New DataTable`
`        da.Fill(dt)`
`        If dt.Rows.Count = 0 Then`
`            kas.Text = 0`
`        Else`
`            kas.Text = (dt.Rows(0).Item(4)) * -1`
`        End If`
 	
`        Dim strsql1 As String = "Select * From v_lktahun where ref1=3.1 and tahun ='" & TextBox1.Text`
	Listing
	
	neraca

```
& "'"
        Dim da1 As New MySqlDataAdapter(strsql1, conn)
        Dim dt1 As New DataTable
        da1.Fill(dt1)
        If dt1.Rows.Count = 0 Then
            simpanan_pokok.Text = 0
        Else
            simpanan_pokok.Text =
(dt1.Rows(0).Item(4))
        End If

        Dim strsql2 As String = "Select * From
v_lktahun where ref1=3.2 and tahun ='" & TextBox1.Text
& "'"
        Dim da2 As New MySqlDataAdapter(strsql2, conn)
        Dim dt2 As New DataTable
        da2.Fill(dt2)
        If dt2.Rows.Count = 0 Then
            simpanan_wajib.Text = 0
        Else
            simpanan_wajib.Text =
(dt2.Rows(0).Item(4))
        End If

        Dim strsql3 As String = "Select * From
v_lktahun where ref1=3.3 and tahun ='" & TextBox1.Text
& "'"
        Dim da3 As New MySqlDataAdapter(strsql3, conn)
        Dim dt3 As New DataTable
        da3.Fill(dt3)
        If dt3.Rows.Count = 0 Then
            simpanan_sukarela.Text = 0
        Else
            simpanan_sukarela.Text =
(dt3.Rows(0).Item(4))
        End If

        Dim strsql4 As String = "Select * From
v_lktahun where ref1=3.4 and tahun ='" & TextBox1.Text
& "'"
        Dim da4 As New MySqlDataAdapter(strsql4, conn)
        Dim dt4 As New DataTable
        da4.Fill(dt4)
        If dt4.Rows.Count = 0 Then
            simpanan.Text = 0
        Else
            simpanan.Text = (dt4.Rows(0).Item(4)) * -1
        End If

        Dim strsql5 As String = "Select * From
v_lktahun where ref1=1.3 and tahun ='" & TextBox1.Text
& "'"
        Dim da5 As New MySqlDataAdapter(strsql5, conn)
        Dim dt5 As New DataTable
        da5.Fill(dt5)
        If dt5.Rows.Count = 0 Then
            piutang_anggota.Text = 0
        Else
            piutang_anggota.Text =
```

```
(dt5.Rows(0).Item(4))
        End If
        Dim strsql6 As String = "Select * From
v_lkbulan where ref1=3.7 and tahun ='" & TextBox1.Text
& "'"
        Dim da6 As New MySqlDataAdapter(strsql6, conn)
        Dim dt6 As New DataTable
        da6.Fill(dt6)
        If dt6.Rows.Count = 0 Then
            duit.Text = 0
        Else
            duit.Text = (dt6.Rows(0).Item(4))
        End If
    End Sub
    Sub lihatbulan()
        Dim strsql As String = "Select * From
v_lkbulan where ref1=1.1 and tahun ='" & TextBox1.Text
& "' and bulan ='" & ComboBox1.Text & "'"
        Dim da As New MySqlDataAdapter(strsql, conn)
        Dim dt As New DataTable
        da.Fill(dt)
        If dt.Rows.Count = 0 Then
            kas.Text = 0
        Else
            kas.Text = (dt.Rows(0).Item(4)) * -1
        End If

        Dim strsql1 As String = "Select * From
v_lkbulan where ref1=3.1 and tahun ='" & TextBox1.Text
& "' and bulan ='" & ComboBox1.Text & "'"
        Dim da1 As New MySqlDataAdapter(strsql1, conn)
        Dim dt1 As New DataTable
        da1.Fill(dt1)
        If dt1.Rows.Count = 0 Then
            simpanan_pokok.Text = 0
        Else
            simpanan_pokok.Text =
(dt1.Rows(0).Item(4))
        End If

        Dim strsql2 As String = "Select * From
v_lkbulan where ref1=3.2 and tahun ='" & TextBox1.Text
& "' and bulan ='" & ComboBox1.Text & "'"
        Dim da2 As New MySqlDataAdapter(strsql2, conn)
        Dim dt2 As New DataTable
        da2.Fill(dt2)
        If dt2.Rows.Count = 0 Then
            simpanan_wajib.Text = 0
        Else
            simpanan_wajib.Text =
(dt2.Rows(0).Item(4))
        End If

        Dim strsql3 As String = "Select * From
v_lkbulan where ref1=3.3 and tahun ='" & TextBox1.Text
& "' and bulan ='" & ComboBox1.Text & "'"
        Dim da3 As New MySqlDataAdapter(strsql3, conn)
        Dim dt3 As New DataTable
        da3.Fill(dt3)
```

```
        If dt3.Rows.Count = 0 Then
            simpanan_sukarela.Text = 0
        Else
            simpanan_sukarela.Text =
(dt3.Rows(0).Item(4))
        End If

        Dim strsql4 As String = "Select * From
v_lkbulan where ref1=3.4 and tahun ='" & TextBox1.Text
& "' and bulan ='" & ComboBox1.Text & "'"
        Dim da4 As New MySqlDataAdapter(strsql4, conn)
        Dim dt4 As New DataTable
        da4.Fill(dt4)
        If dt4.Rows.Count = 0 Then
            simpanan.Text = 0
        Else
            simpanan.Text = (dt4.Rows(0).Item(4)) * -1
        End If

        Dim strsql5 As String = "Select * From
v_lkbulan where ref1=1.3 and tahun ='" & TextBox1.Text
& "' and bulan ='" & ComboBox1.Text & "'"
        Dim da5 As New MySqlDataAdapter(strsql5, conn)
        Dim dt5 As New DataTable
        da5.Fill(dt5)
        If dt5.Rows.Count = 0 Then
            piutang_anggota.Text = 0
        Else
            piutang_anggota.Text =
(dt5.Rows(0).Item(4))
        End If
        Dim strsql6 As String = "Select * From
v_lkbulan where ref1=3.7 and tahun ='" & TextBox1.Text
& "' and bulan ='" & ComboBox1.Text & "'"
        Dim da6 As New MySqlDataAdapter(strsql6, conn)
        Dim dt6 As New DataTable
        da6.Fill(dt6)
        If dt6.Rows.Count = 0 Then
            duit.Text = 0
        Else
            duit.Text = (dt6.Rows(0).Item(4))
        End If
    End Sub

    Private Sub Button1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button1.Click
        If RadioButton1.Checked = True Then
            lihatbulan()

tampilneracabener.CrystalReport41.SetParameterValue("k
as", kas.Text)

tampilneracabener.CrystalReport41.SetParameterValue("p
iutang_anggota", piutang_anggota.Text)

tampilneracabener.CrystalReport41.SetParameterValue("s
impanan_pokok", simpanan_pokok.Text)
```

```
tampilneracabener.CrystalReport41.SetParameterValue("s
impanan_wajib", simpanan_wajib.Text)

tampilneracabener.CrystalReport41.SetParameterValue("s
impanan_sukarela", simpanan_sukarela.Text)

tampilneracabener.CrystalReport41.SetParameterValue("s
impanan", simpanan.Text)

tampilneracabener.CrystalReport41.SetParameterValue("d
uit", duit.Text)

tampilneracabener.CrystalReport41.SetParameterValue("b
ulan", ComboBox1.Text)

tampilneracabener.CrystalReport41.SetParameterValue("t
ahun", TextBox1.Text)
            tampilneracabener.Show()
        Else
            lihatdata()

tampilneracabener.CrystalReport41.SetParameterValue("k
as", kas.Text)

tampilneracabener.CrystalReport41.SetParameterValue("p
iutang_anggota", piutang_anggota.Text)

tampilneracabener.CrystalReport41.SetParameterValue("s
impanan_pokok", simpanan_pokok.Text)

tampilneracabener.CrystalReport41.SetParameterValue("s
impanan_wajib", simpanan_wajib.Text)

tampilneracabener.CrystalReport41.SetParameterValue("s
impanan_sukarela", simpanan_sukarela.Text)

tampilneracabener.CrystalReport41.SetParameterValue("s
impanan", simpanan.Text)

tampilneracabener.CrystalReport41.SetParameterValue("d
uit", duit.Text)

tampilneracabener.CrystalReport41.SetParameterValue("b
ulan", ComboBox1.Text)

tampilneracabener.CrystalReport41.SetParameterValue("t
ahun", TextBox1.Text)
            tampilneracabener.Show()

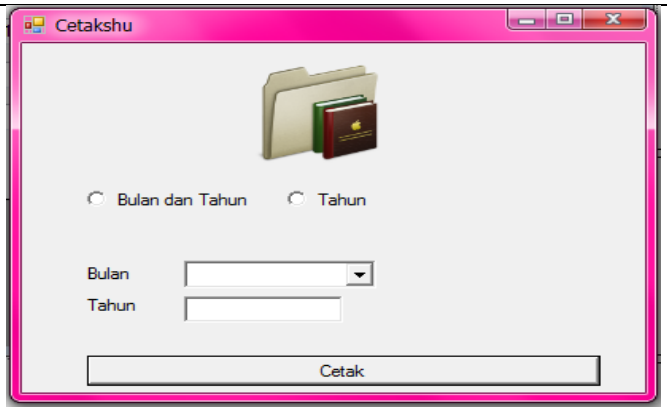
        End If


    End Sub

    Private Sub RadioButton1_CheckedChanged(ByVal
sender As System.Object, ByVal e As System.EventArgs)
Handles RadioButton1.CheckedChanged

    End Sub
```

End Class	



Gambar 4.81. *Tampilan SHU*

Tabel 4.25.*Listing SHU*

Listing	Keterangan

Imports MySql.Data.MySqlClient
Public Class Cetakshu
Private Sub Cetakshu_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
connect()
jasaprofisi.Hide()
Pendapatanbunga.Hide()
End Sub
Sub lihatdata()
Dim strsql7 As String = "Select * From v_lktahun where ref1=4.1 and tahun ='" & TextBox1.Text & "'"
Dim da7 As New MySqlDataAdapter(strsql7, conn)
Dim dt7 As New DataTable
da7.Fill(dt7)
If dt7.Rows.Count = 0 Then
jasaprofisi.Text = 0
Else
jasaprofisi.Text = (dt7.Rows(0).Item(4))
End If
 	
Dim strsql8 As String = "Select * From v_lktahun where ref1=4.2 and tahun ='" & TextBox1.Text & "'"
Dim da8 As New MySqlDataAdapter(strsql8, conn)
Dim dt8 As New DataTable
da8.Fill(dt8)
If dt8.Rows.Count = 0 Then
Pendapatanbunga.Text = 0
Else
Pendapatanbunga.Text = (dt8.Rows(0).Item(4))
End If
End Sub
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
lihatdata()
tampilshu.shu1.SetParameterValue("jasaprofisi", jasaprofisi.Text)
	Program Shu

```
tampilshu.shu1.SetParameterValue("pendapatanbunga",
Pendapatanbunga.Text)
        tampilshu.Show()End Class
```

4.16. Perancangan Tampilan

4.16.1.Tampilan Kartu Anggota Koperasi

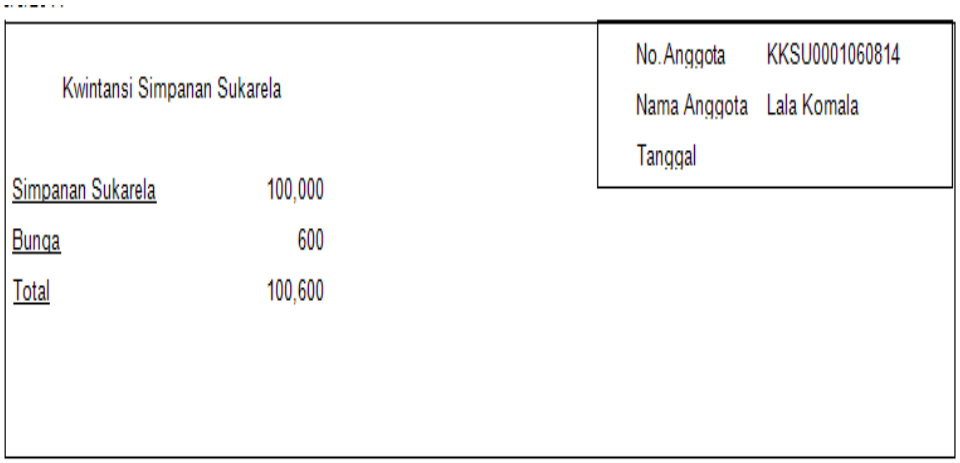
Tampilan perancangan Kartu Anggota Koperasi dapat dilihat pada gambar di bawah ini :



Gambar 4.82 *Tampilan Cetak Kartu Anggota Koperasi*

4.16.2.Tampilan Kuintansi Simpanan Sukarela

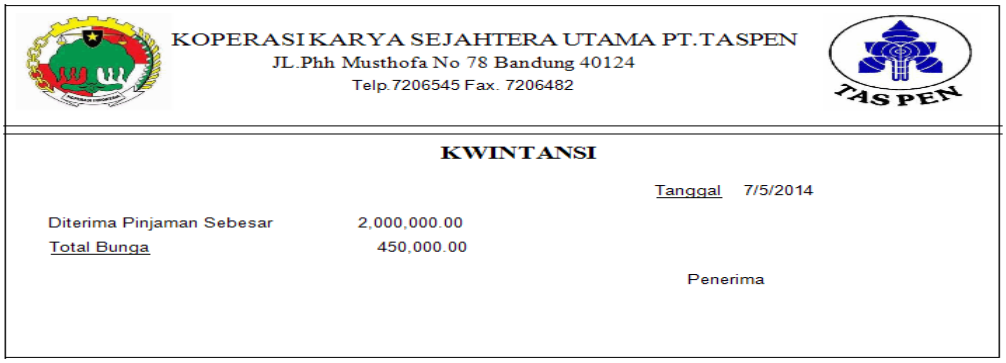
Tampilan perancangan Kartu Anggota Koperasi dapat dilihat pada gambar di bawah ini :



Gambar 4.83 *Tampilan Kuintansi Simpanan Sukarela*

4.16.3.Tampilan Kuintansi Peminjaman

Tampilan perancangan Kuintansi Peminjaman Koperasi dapat dilihat pada gambar di bawah ini :


KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

KWINTANSI

Tanggal 7/5/2014

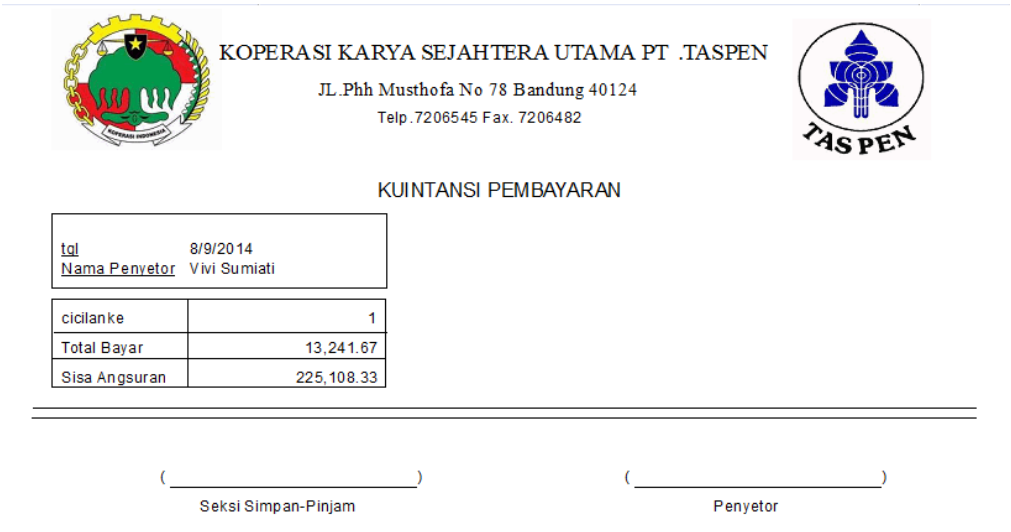
Diterima Pinjaman Sebesar 2,000,000.00
Total Bunga 450,000.00

Penerima

Gambar 4.84 *Tampilan Kuintansi Peminjaman*

4.16.4.Tampilan Kuintansi Pembayaran

Tampilan perancangan Kuintansi Pembayaran Koperasi dapat dilihat pada gambar di bawah ini :


KOPERASI KARYA SEJAHTERA UTAMA PT .TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

KUINTANSI PEMBAYARAN

tgl 8/9/2014
Nama Penyetor Vivi Sumiati

cicilanke	1
Total Bayar	13,241.67
Sisa Angsuran	225,108.33

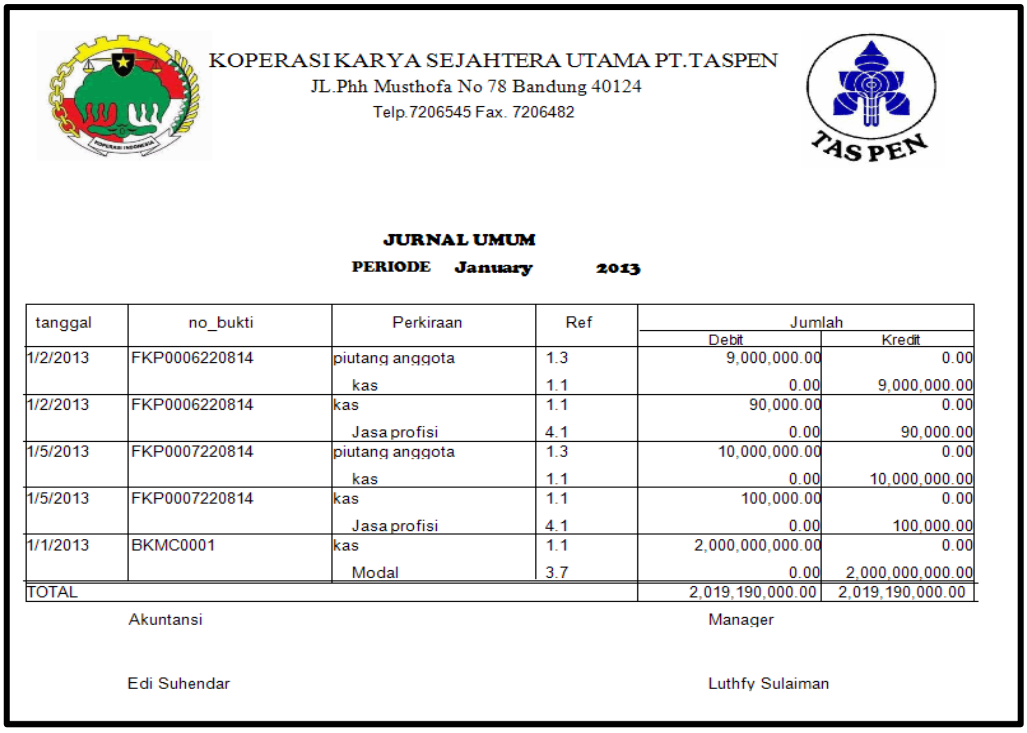
(_____)
Seksi Simpan-Pinjam

(_____)
Penyetor

Gambar 4.85 *Tampilan Kuintansi Pembayaran*

4.16.5 Tampilan Jurnal Umum

Tampilan perancangan Jurnal Umum dapat dilihat pada gambar di bawah ini :



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

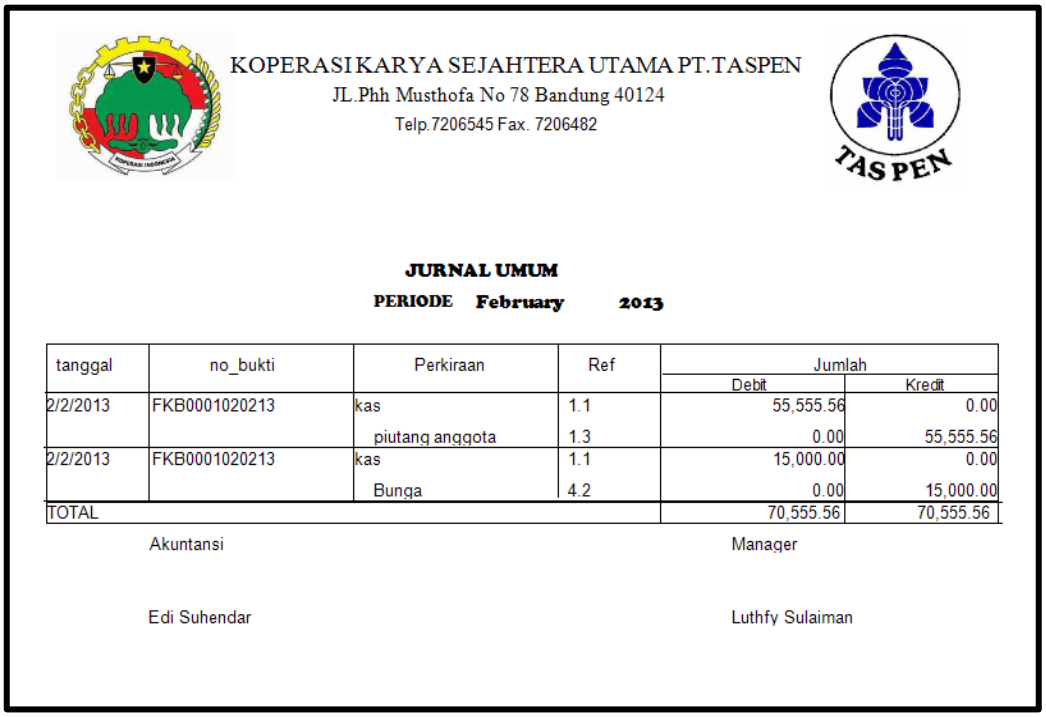
JURNAL UMUM
PERIODE January 2013

tanggal	no_bukti	Perkiraan	Ref	Jumlah	
				Debit	Kredit
1/2/2013	FKP0006220814	piutang anggota	1.3	9,000,000.00	0.00
		kas	1.1	0.00	9,000,000.00
1/2/2013	FKP0006220814	kas	1.1	90,000.00	0.00
		Jasa profisi	4.1	0.00	90,000.00
1/5/2013	FKP0007220814	piutang anggota	1.3	10,000,000.00	0.00
		kas	1.1	0.00	10,000,000.00
1/5/2013	FKP0007220814	kas	1.1	100,000.00	0.00
		Jasa profisi	4.1	0.00	100,000.00
1/1/2013	BKMC0001	kas	1.1	2,000,000,000.00	0.00
		Modal	3.7	0.00	2,000,000,000.00
TOTAL				2,019,190,000.00	2,019,190,000.00

Akuntansi — Manager

Edi Suhendar — Luthfy Sulaiman

Gambar 4.86 *Tampilan Cetak Jurnal bulan Januari*



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

JURNAL UMUM
PERIODE February 2013

tanggal	no_bukti	Perkiraan	Ref	Jumlah	
				Debit	Kredit
2/2/2013	FKB0001020213	kas	1.1	55,555.56	0.00
		piutang anggota	1.3	0.00	55,555.56
2/2/2013	FKB0001020213	kas	1.1	15,000.00	0.00
		Bunga	4.2	0.00	15,000.00
TOTAL				70,555.56	70,555.56

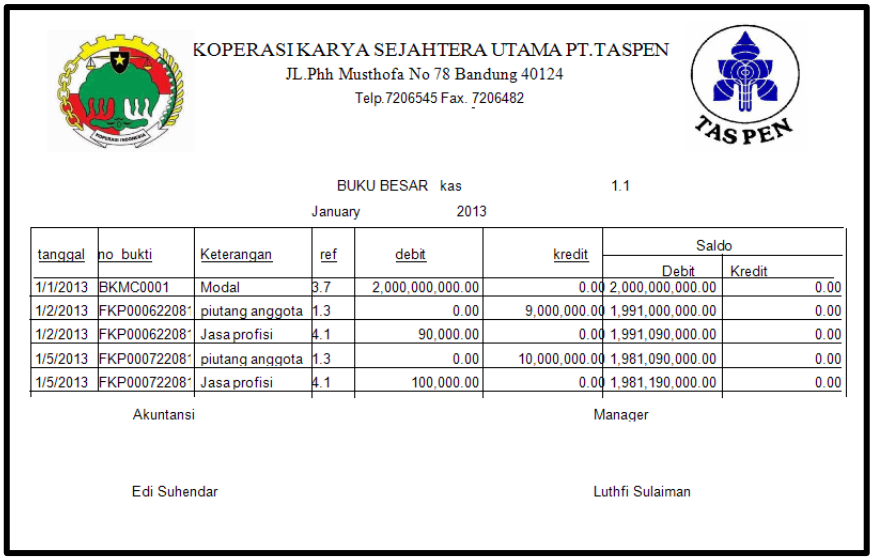
Akuntansi — Manager

Edi Suhendar — Luthfy Sulaiman

Gambar 4.87 *Tampilan Cetak Jurnal bulan Februari*

4.16.6.Tampilan Buku Besar

Tampilan perancangan Buku Besar dapat dilihat pada gambar di bawah ini :



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

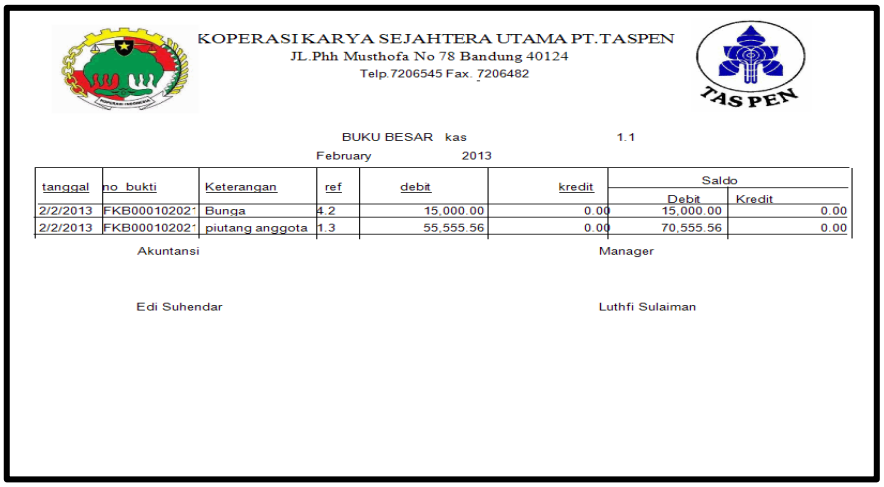
BUKU BESAR kas 1.1
January 2013

tanggal	no_bukti	Keterangan	ref	debit	kredit	Saldo	
						Debit	Kredit
1/1/2013	BKMC0001	Modal	3.7	2,000,000,000.00	0.00	2,000,000,000.00	0.00
1/2/2013	FKP00062208	piutang anggota	1.3	0.00	9,000,000.00	1,991,000,000.00	0.00
1/2/2013	FKP00062208	Jasa profisi	4.1	90,000.00	0.00	1,991,090,000.00	0.00
1/5/2013	FKP00072208	piutang anggota	1.3	0.00	10,000,000.00	1,981,090,000.00	0.00
1/5/2013	FKP00072208	Jasa profisi	4.1	100,000.00	0.00	1,981,190,000.00	0.00

Akuntansi Manager

Edi Suhendar Luthfi Sulaiman

Gambar 4.88. *Tampilan Cetak Buku Besar Umum Kas Januari*



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

BUKU BESAR kas 1.1
February 2013

tanggal	no_bukti	Keterangan	ref	debit	kredit	Saldo	
						Debit	Kredit
2/2/2013	FKB00010202	Bunga	4.2	15,000.00	0.00	15,000.00	0.00
2/2/2013	FKB00010202	piutang anggota	1.3	55,555.56	0.00	70,555.56	0.00

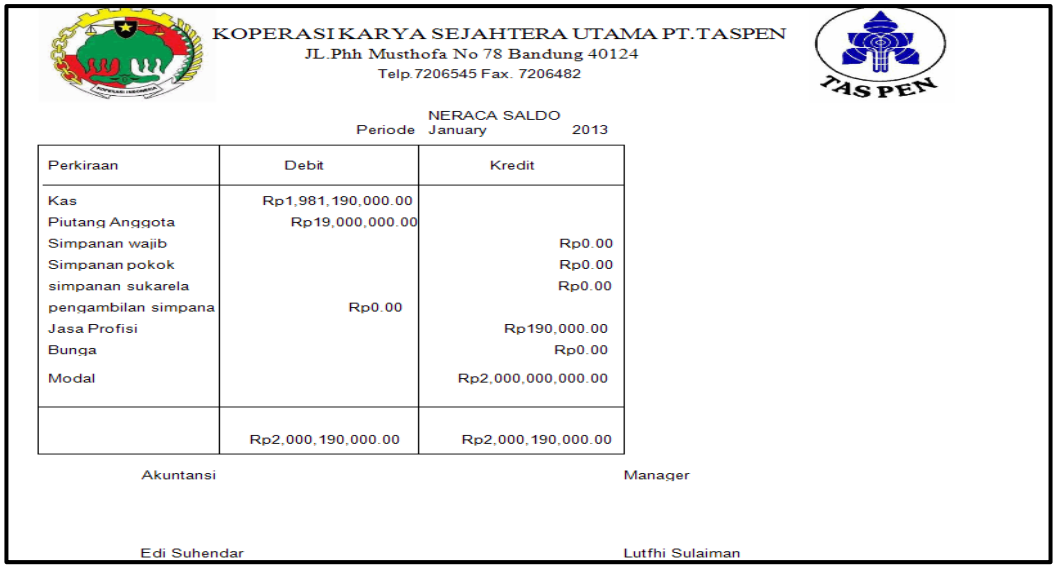
Akuntansi Manager

Edi Suhendar Luthfi Sulaiman

Gambar 4.89. *Tampilan Cetak Buku Besar Umum Kas Februari*

4.16.7 Tampilan Neraca Saldo

Tampilan perancangan Neraca Saldo dapat dilihat pada gambar di bawah ini :



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

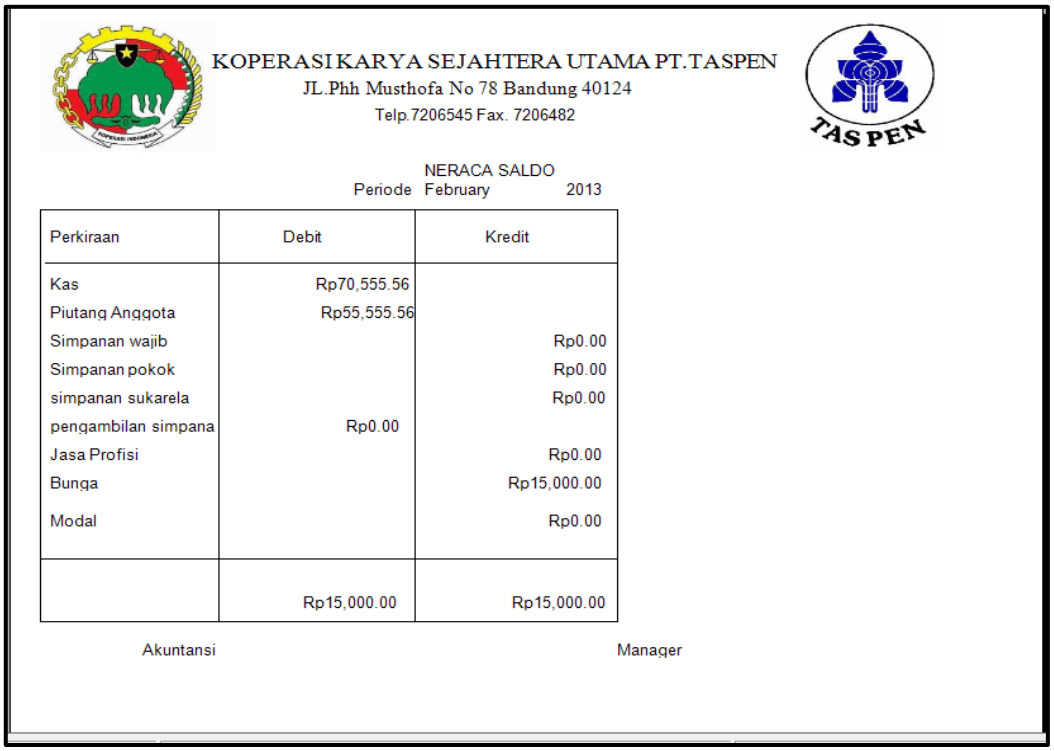
NERACA SALDO
Periode January 2013

Perkiraan	Debit	Kredit
Kas	Rp1,981,190,000.00	
Piutang Anggota	Rp19,000,000.00	
Simpanan wajib		Rp0.00
Simpanan pokok		Rp0.00
simpanan sukarela		Rp0.00
pengambilan simpana	Rp0.00	
Jasa Profisi		Rp190,000.00
Bunga		Rp0.00
Modal		Rp2,000,000,000.00
	Rp2,000,190,000.00	Rp2,000,190,000.00

Akuntansi Manager

Edi Suhendar Lutfhi Sulaiman

Gambar 4.90. *Tampilan Neraca Saldobulan januari*



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

NERACA SALDO
Periode February 2013

Perkiraan	Debit	Kredit
Kas	Rp70,555.56	
Piutang Anggota	Rp55,555.56	
Simpanan wajib		Rp0.00
Simpanan pokok		Rp0.00
simpanan sukarela		Rp0.00
pengambilan simpana	Rp0.00	
Jasa Profisi		Rp0.00
Bunga		Rp15,000.00
Modal		Rp0.00
	Rp15,000.00	Rp15,000.00

Akuntansi Manager

Gambar 4.91. *Tampilan Neraca Saldobulan Februari*

4.16.8.Tampilan SHU

Tampilan perancangan Neraca dapat dilihat pada gambar di bawah ini :



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

SISA HASIL USAHA

January 2013

1.Partisipasi Anggota	
1.1Partisipasi Bruto Anggota:	
1) Jasaprofisi	Rp190,000.00
Jumlah partisipasi bruto	Rp190,000.00
2.Pendapatan Anggota	
2.1.Pendapatan Bunga peminjaman	Rp0.00
Jumlah pendapatan	Rp0.00
3.Beban	0.00
SHU BERSIH	Rp190,000.00

Akuntansi — Manager

Edi Suhendar — Luthfy Sulaiman

Gambar 4.92. *Tampilan SHU bulan januari*



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

SISA HASIL USAHA

February 2013

1.Partisipasi Anggota	
1.1Partisipasi Bruto Anggota:	
1) Jasaprofisi	Rp0.00
Jumlah partisipasi bruto	Rp0.00
2.Pendapatan Anggota	
2.1.Pendapatan Bunga peminjaman	Rp15,000.00
Jumlah pendapatan	Rp15,000.00
3.Beban	0.00
SHU BERSIH	Rp15,000.00

Akuntansi — Manager

Edi Suhendar — Luthfy Sulaiman

Gambar 4.93. *Tampilan SHU bulan February*

4.16.9.Tampilan Neraca

Tampilan perancangan Neraca dapat dilihat pada gambar di bawah ini :



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

NERACA
Periode January 2013

Kas	Rp1,981,190,000.00	Simpanan wajib	Rp0.00
piutang anggota	Rp19,000,000.00	Simpanan pokok	Rp0.00
Simpanan	Rp0.00	Simpanan sukarela	Rp0.00
		Modal	Rp2,000,000,000.00
		Laba ditahan	Rp190,000.00
Total Aset	Rp2,000,190,000.00	Total kewajiban	Rp2,000,190,000.00

Akuntansi Manager

Gambar 4.94. *Tampilan Neraca bulan Januari*



KOPERASI KARYA SEJAHTERA UTAMA PT.TASPEN
JL.Phh Musthofa No 78 Bandung 40124
Telp.7206545 Fax. 7206482

NERACA
Periode February 2013

Kas	Rp70,555.56	Simpanan wajib	Rp0.00
piutang anggota	(Rp55,555.56)	Simpanan pokok	Rp0.00
Simpanan	Rp0.00	Simpanan sukarela	Rp0.00
		Modal	Rp0.00
		Laba ditahan	Rp15,000.00
Total Aset	Rp15,000.00	Total kewajiban	Rp15,000.00

Akuntansi Manager

Edi Suhendar Luthfy Sulaeman

Gambar 4.95. *Tampilan Neraca bulan February*

4.17.Kelebihan dan Kelemahan Sistem

4.17.1.Kelebihan Sistem

Kelebihan yang dimiliki oleh sistem informasi akuntansi simpan pinjam koperasi adalah sebagai berikut:

A. Sistem sudah dilindungi oleh kata kunci disetiap bagiannya.
B. Lebih efektif dan efisien terhadap arsip yang disimpan dan waktu yang tidak hilang.
C. Pada tahap proses penginputan data dan transaksi dapat dilakukan lebih cepat, tepat, akurat dan efisien serta data tersimpan dengan teratur.
D. Terdapat jurnal umum, buku besar, neraca dan SHU.

4.17.2. Kekurangan Sistem

Adapun kelemahan dari program dan sistem informasi akuntansi simpan-pinjam koperasi adalah sebagai berikut:

A. Program ini hanya memunculkan program yang berkaitan dengan simpan pinjam koperasi saja.
B. Pada PC pengguna baru harus install Xampp agar program tidak error.