BAB IV
PERANCANGAN SISTEM INFORMASI AKUNTANSI PPh21 PEGAWAI
KANTOR BNNP JABAR

4.1 Perancangan Sistem Informasi

Berdasarkan penelitian yang dilakukan oleh penulis di Badan Narkotika Nasional Provinsi Jawa Barat, dapat disimpulkan bahwa sistem akutansi pajak penghasilan PPh 21 yang berjalan masih bersifat semi komputerisasi. Hal ini menyebabkan proses perhitungan dan penginputan data membutuhkan waktu yang lama.

Karena permasalahan tersebut, penulis membuat usulan rancangan Sistem Informasi Keuangan pajak penghasilan pasal 21. Dengan dibuatnya rancangan ini diharapkan akan mempercepat perhitungan, penginputan data, pencatatan dalam bentuk Jurnal Umum, Buku Besar dan Laporan Keuangan. Untuk rancangan tersebut penulis menggunakan *database* Microsoft Visual Studio 2010 dan dilengkapi oleh laporan pendukung *Crystal Report.*

Usulan yang penulis lakukan tidak banyak mengubah sistem yang berjalan pada lembaga tersebut tapi lebih cenderung menambahkan apa yang kurang pada sistem tersebut. Penulis mengusulkan Sistem Informasi Keuangan PPh pasal 21 yang diharapkan dapat mempermudah proses pelaporan pajak gaji pegawai.

4.1.1 Formulir / Dokumen Dan Catatan Yang Diusulkan

Formulir dan dokumen dan catatan yang digunakan dalam sistem informasi akuntansi pph 21 adalah sebagai berikut:

1. JU   : Jurnal Umum
2. BB : Buku Besar
3. SSP : Surat Setoran Pajak
4. 1721A2 : Formulir SPT 1721A2

4.1.2 Kode Akun Yang Diusulkan

Kode akun yang diusulkan adalah sebagai berikut:

Tabel 4. 1 Daftar Akun

Kode Akun	Nama Akun
111	Kas Bendahara
211	PPh Pasal 21 Terutang

4.2 Diagram Arus Data (*Data Flow Diagram*) yang Diusulkan

4.2.1 Diagram Konteks yang Diusulkan

Diagram konteks yang diusulkan digunakan untuk menggambarkan sistem pengolahan data secara garis besar atau menyeluruh, diagram konteks ini dirancang untuk memberikan masukan yang dibutuhkan oleh sistem dan keluaran yang dihasilan oleh sistem itu sendiri.
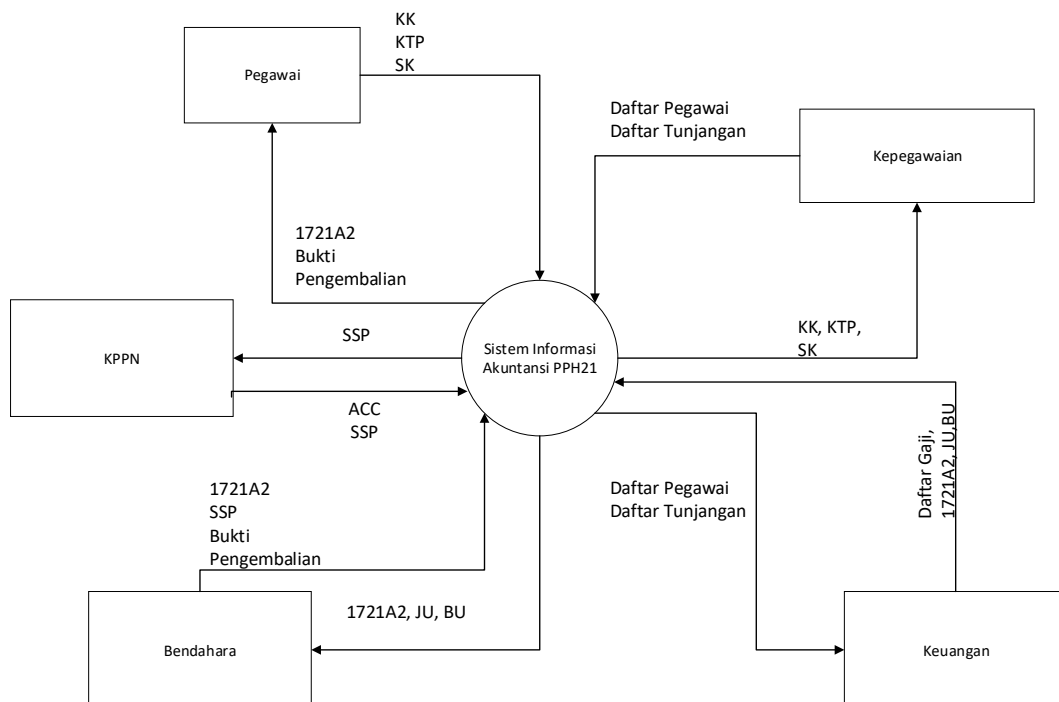
Gambar 4. 1 Diagram Kontek yang Diusulkan

Keterangan:

KK : Kartu Keluarga

KTP : Kartu Tanda Penduduk

SK : Surat Keterangan Jabatan

SPT : Surat Pemberitahuan Tahunan

1721 A2 : Bukti Potong PPh pasal 21 bagi pegawai negeri

JU : Jurnal Umum

BU : Buku Besar

Pada Diagram konteks tersebut terdapat 4 entitas yaitu pegawai, kepegawaian, keuangan, bendahara.

Penjelasan dari diagram konteks adalah sebagai berikut :

1. Pegawai memyerahkan berkas pegawai terhadap bagian kepegawaian
2. Kepegawaian menerima berkas tersebut lalu membuat daftar pegawai, tunjangan, gaji lalu menyerahkan nya kepada bagian keuangan
3. Keuangan menerima berkas tersebut lalu membuat Daftar Gaji, 1721A2, JU , BU dan diserahkan kepada Bendahara.
4. Bendahara memeriksa berkas tersebut lalu jika semua sudah benar bendahara memberikan laporan SPT kepada pegawai.

4.2.2 _Data Flow Diagram_ Level 0 yang Diusulkan

Diagram level 0 yang diusulkan penulis adalah sebagai berikut:
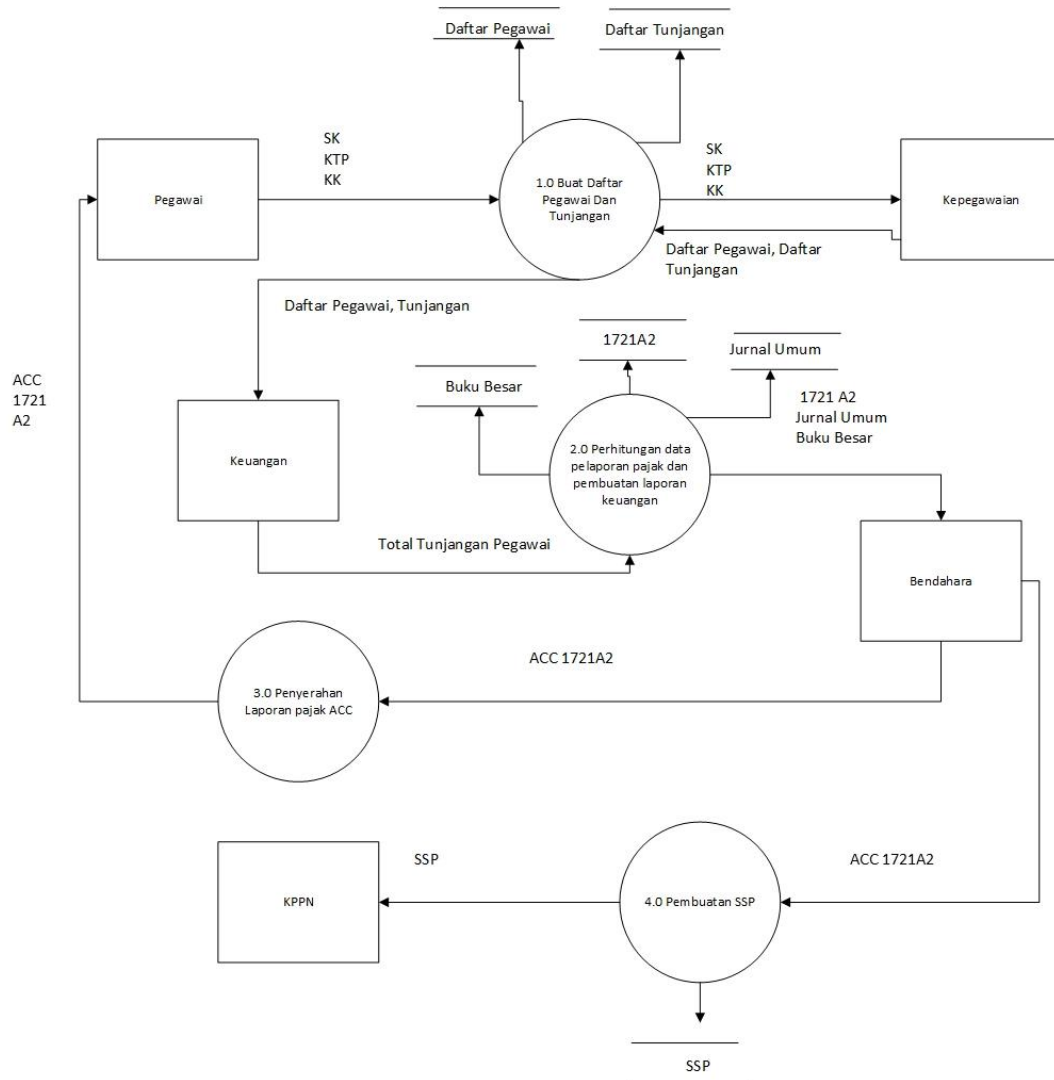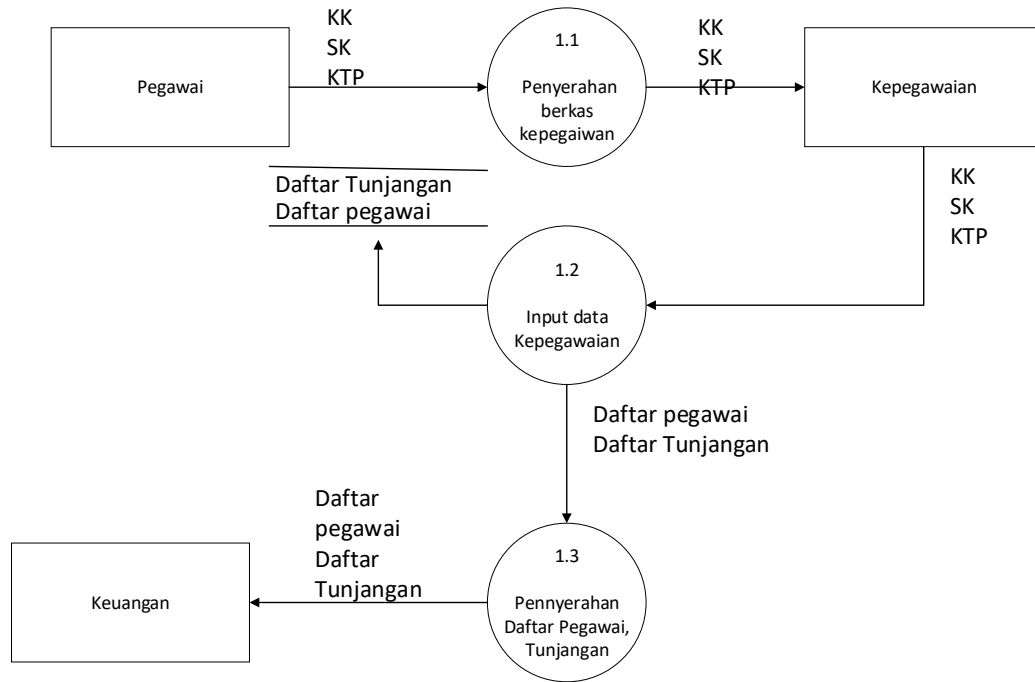

Gambar 4. 2 Diagram Level 0 yang Diusulkan

Penjelasan dari diagram level 0 yang berjalan

1. Pegawai menyerahkan berkas kepegawaian kepada bagian kepegawaian

2. Bagian kepegawaian menerima berkas tersebut dan membuat data pegawai, tunjangan, data gaji kemudian menyerahkannya kepada bagian keuangan.

3. Bagian keuangan menerima berkas tersebut lalu membuatkan daftar total tunjangan Pegawai, kemudian melakukan perhitungan pajak dan laporan keuangan kemudian menyerahkannya kepada bendahara

4. Bendahara menerima berkas tersebut kemudian di periksa bendahara lalu memberikan berkas SPT kepada pegawai.

5. Bendahara membuat SSP dan menyetorkannya kepada KPPN untuk di acc.

4.2.3 Data Flow Diagram Level 1 Proses 1 yang Diusulkan

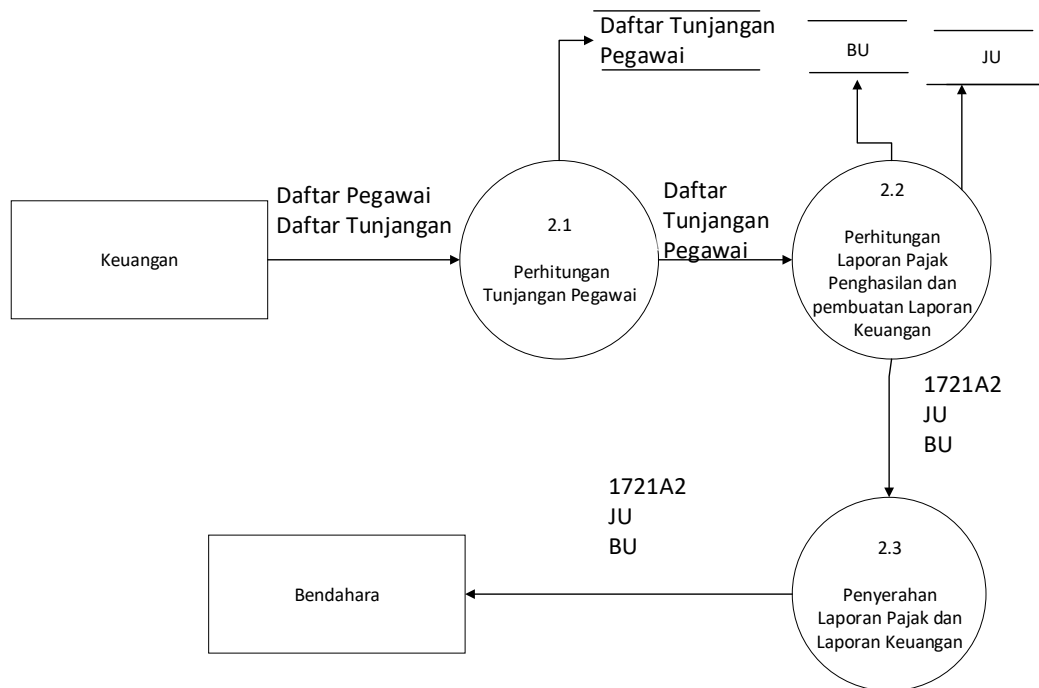Diagram level 1 proses 1 usulan adalah sebagai berikut:

Gambar 4. 3 Diagram level 1 proses 1 yang diusulkan

Penjelasan Diagam level 1 proses 1 yang diusulkan adalah sebagai berikut:

1. Pegawai menyerahkan KK, SK, KTP ke bagian kepegawaian.

2. Kepegawaian membuat Daftar pegawai, Daftar Tunjangan.

3. Kepegawaian menyerahkan Daftar pegawai, Daftar Tunjangan ke bagian keuangan.

4.2.4 Data Flow Diagram Level 1 Proses 2 yang Diusulkan

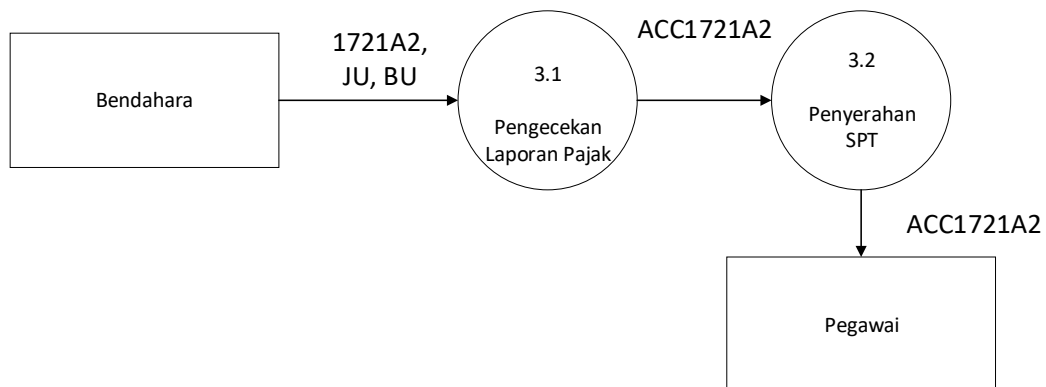Diagram level 1 proses 2 usulan adalah sebagai berikut:

Gambar 4. 4 DFD level 1 proses 2 yang diusulkan

Penjelasan dari gambar DFD level 1 proses 2 yang diusulkan adalah sebagai berikut:

1. Keuangan melakukan perhitungan tunjangan pegawai yang mehasilkan daftar tunjangan pegawai

2. Lalu dari daftar tunjangan pegawai dilakukan perhitungan laporan pajak penghasilan.

3. Keuangan membuat laporan keuangan lalu menyerahkan Laporan pajak beserta Laporan keuangan kepada bendahara.

4.2.5 Data Flow Diagram Level 1 Proses 3 yang Diusulkan

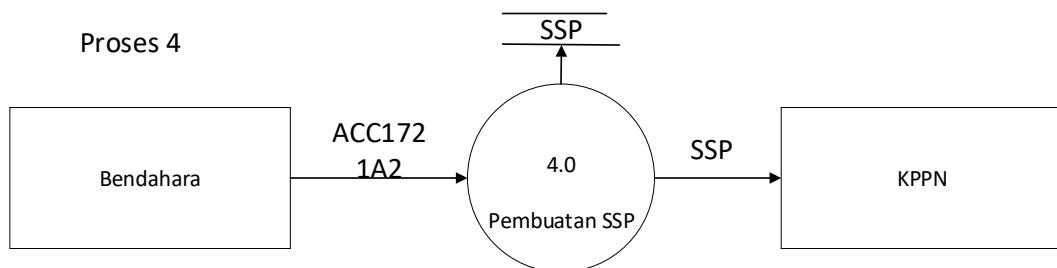Diagram level 1 Proses 3 yang diusulkan adalah sebagai berikut:

Gambar 4. 5 DFD level 1 proses 3 yang diusulkan

Penjelasan dari gambar dfd level 1 proses 3 yang diusulkan adalah sebagai berikut:

1. Bendahara menerima formulir 1721A2, JU, BU kemudian bendahara melakukan pengecekan.
2. Bagian Bendahara kemudian melakukan pembuatan SPT lalu menyerahkanya kepada pegawai.

4.2.6 Data Flow Diagram Level 1 Proses 4 yang Diusulkan

Diagram level 1 proses 4 yang diusulkan adalah sebagai berikut:

Gambar 4. 6 DFD level 1 Proses 4 yang diusulkan

Penjelasan dari gambar DFD level 1 proses 4 yang diusulkan adalah sebagai berikut:

1. Bendahara membuat SSP berdasarkan formulir 1721A2 yang sudah diperiksa.
2. SSP lalu kemudian diserahkan kepada KPPN.

4.3 Kamus Data yang Diusulkan

Di bawah ini merupakan kamus data yang diusulkan adalah sebagai berikut:

Tabel 4. 2 Kamus Data SK

1	Nama Arus Data	:	Surat Keterangan Jabatan
	Alias	:	SK
	Bentuk data	:	Dokumen dari kepegawaian
	Arus Data	:	Pegawai ke proses 1
	Penjelasan	:	Surat Keterangan Jabatan adalah surat yang berisi informasi jabatan pegawai
	Volume	:	4 Tahun sekali
	Periode	:	4 Tahun

Tabel 4. 3 Kamus Data KTP

2	Nama Arus Data	:	Kartu Tanda Penduduk
	Alias	:	KTP
	Bentuk data	:	Dokumen dari kepegawaian
	Arus Data	:	Pegawai ke proses 1
	Penjelasan	:	KTP adalah dokumen yang berisi identitas pegawai
	Volume	:	240
	Periode	:	5 Tahun

Tabel 4. 4 Kamus Data KK

3	Nama Arus Data	:	Kartu Keluarga
	Alias	:	KK
	Bentuk data	:	Dokumen dari kepegawaian
	Arus Data	:	Pegawai ke proses 1
	Penjelasan	:	KK adalah dokumen yang berisi informasi keluarga pegawai
	Volume	:	Rata-rata 50
	Periode		5 tahun

Tabel 4. 5 Daftar Pegawai

4	Nama Arus Data	:	Daftar Pegawai
	Alias	:	DP
	Bentuk data	:	Dokumen dari kepegawaian
	Arus Data	:	Kepegawaian ke proses 1
	Penjelasan	:	DP adalah dokumen yang berisi informasi pegawai
	Volume	:	1
	Periode	:	1 tahun

Tabel 4. 6 Daftar Tunjangan

5	Nama Arus Data	:	Daftar Tunjangan
	Alias	:	DT
	Bentuk data	:	Dokumen dari kepegawaian
	Arus Data	:	Kepegawaian ke proses 2
	Penjelasan	:	DT adalah dokumen yang berisi informasi Tunjangan pegawai
	Volume	:	Rata 100
	Periode	:	1 tahun

Tabel 4. 7 Daftar Gaji

6	Nama Arus Data	:	Daftar Gaji
	Alias	:	DG
	Bentuk data	:	Dokumen dari kepegawaian
	Arus Data	:	Kepegawaian ke proses 2
	Penjelasan	:	DG adalah dokumen yang berisi informasi gaji pegawai
	Volume	:	240
	Periode	:	1 Tahun

Tabel 4. 8 SPT

7	Nama Arus Data	:	SPT
	Alias	:	SPT
	Bentuk data	:	Dokumen dari Keuangan
	Arus Data	:	Keuangan ke proses 3
	Penjelasan	:	SPT adalah dokumen yang berisi informasi pajak pegawai
	Volume	:	240
	Periode	:	1 Tahun

Tabel 4. 9 1721A2

8	Nama Arus Data	:	1721A2
	Alias	:	1721A2
	Bentuk data	:	Formulir dari keuangan
	Arus Data	:	Keuangan ke proses 3
	Penjelasan	:	1721A2 dalah formulir pajak pegawai negeri
	Volume	:	240
	Periode	:	1 Tahun

Tabel 4. 10 Jurnal Umum

9	Nama Arus Data	:	Jurnal Umum
	Alias	:	JU
	Bentuk data	:	Dokumen dari keuangan
	Arus Data	:	Keuangan ke proses 3
	Penjelasan	:	JU adalah jurnal pencatatan transaksi
	Volume	:	Rata rata 50 maksimum 240
	Periode	:	1 Tahun

Tabel 4. 11 Buku Besar

10	Nama Arus Data	:	Buku Besar
	Alias	:	BU
	Bentuk data	:	Dokumen dari keuangan
	Arus Data	:	Keuangan ke proses 3
	Penjelasan	:	BU adalah Buku utama pencatatan transaksi
	Volume	:	Rata rata 50 maksimum 240
	Periode	:	1 Tahun

4.4 Bagan Alir yang Diusulkan

Bagan alir yang diusulkan pada sistem informasi akuntansi pph pasal 21 pegawai pada Badan Narkotika Nasional Provinsi Jawa Barat adalah sebagai berikut:
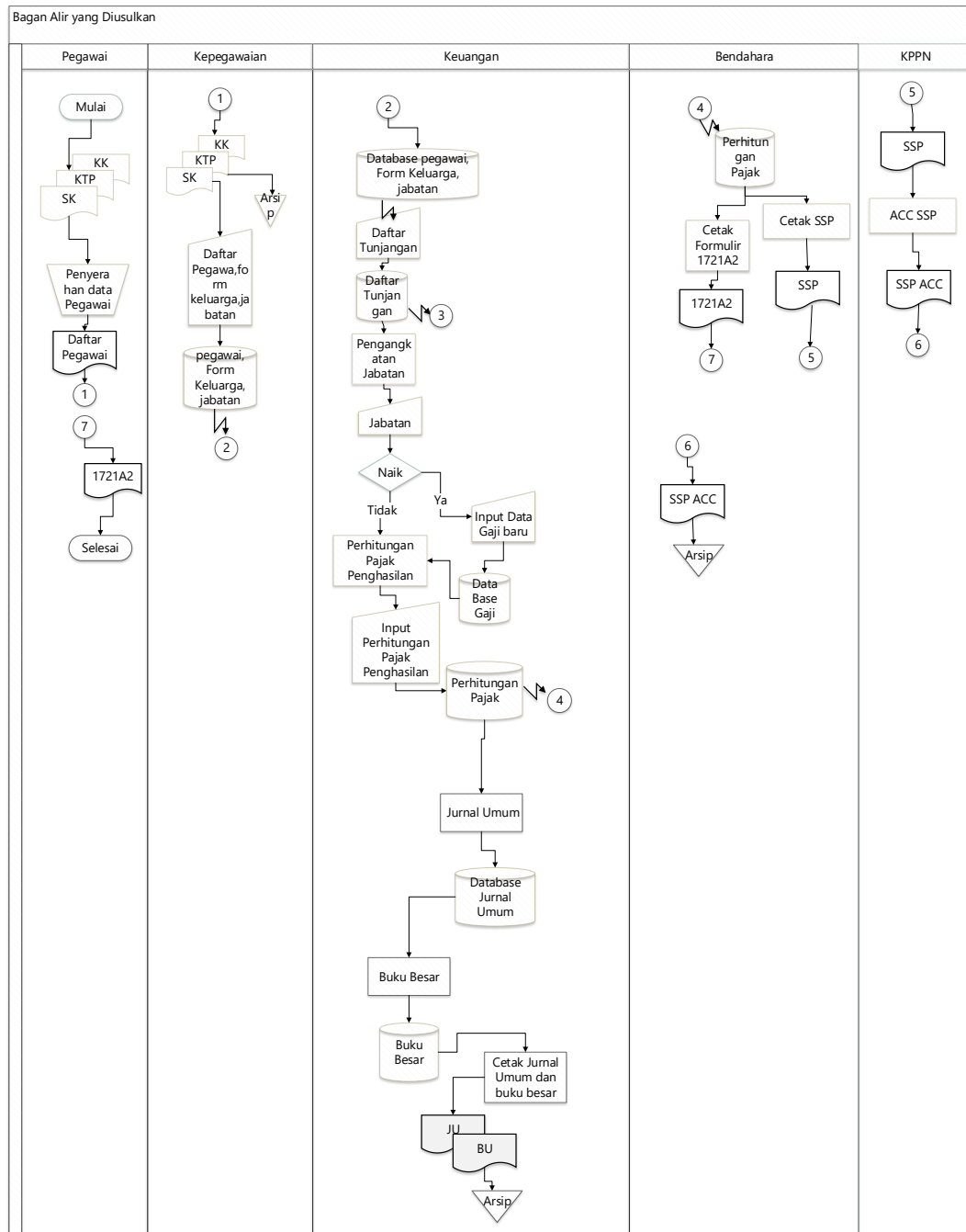
Gambar 4. 7 Bagan Alir yang Diusulkan

Penjelasan dari bagan alir yang diusulkan adalah sebagai berikut:

1. Pegawai menyerahkan Surat Keterangan Jabatan, KTP, dan kartu keluarga kepada bagian kepegawaian.

2. Kepegawaian lalu menerima dokumen tersebut lalu membuatkan daftar pegawai, dan tunjangan dan diserahkan ke bagian keuangan.

3. Bagian Keuangan menerima daftar pegawai dan tunjangan tersebut lalu membuatkan daftar gaji serta melakukan perhitungan pajak penghasilan pegawai beserta Laporan Keuangan dan diserahkan kepada Bendahara.

4. Bagian bendahara lalu menerima dan melakukan pemerikasaan terhadap laporan tersebut jika benar maka Bendahara mebuatkan SPT pegawai dan diberikan kepada pegawai jika salah maka akan di kembalikan ke bagian keuangan untuk di periksa kembali.

5. Kemudian Bendahara membuat SSP dan menyetorkannya kepada KPPN untuk di acc.

4.2 Perancangan Basis Data

4.5.1 Normalisasi yang Diusulkan

Normalisasi yang diusulkan adalah sebagai berikut:

A. Slip Gaji

Nomor : 3

SLIP GAJI

BNNP JAWA BARAT

Pembayaran : Gaji Induk Gaji Induk 2019

Pegawai : TRI WAHYU ASTUTI, SE (197008101999032003)

Penghasilan		Pemotongan	
Gaji Pokok	4.151.500	B.Jabatan	415150
T. Istri/Suami	0	Iuran Pensiun	332.080
T.Keluarga	0		
T.Perbaikan Penghasilan	0	PPh21	51.165
T.Khusus	0		
T.Struktural	0		
T.Fungsional	0		
T.Lain	0		
T.Beras	72.420	Jml. Pot	834.395
Jml. Kotor	4.223.920	Jml. Bersih	3.389.525

Gambar 4. 8 Slip Gaji

Tabel 4. 12 Slip Gaji dalam bentuk unormal

Noslip	Nama	Tanggal	Gaji Pokok	Tunjangan_istri	Tunjangan Anak
slip20197001	Tri Wahyu Astuti	17/08/2019	4151500	0	0
Slip20197003	Ramadhan	17/07/2019	2899500	2899500	115980

Tabel 4. 13 Slip Gaji dalam bentuk unormal lanjutan 1

Tunjangan Keluarga	Tunjangan Perbaikan Penghasilan	Tunjangan Khusus	Tunjangan Struktural	Tunjangan lain-lain	Tunjangan Beras
0	0	0	0	0	72420
405930	1000000	0	5000000	9000000	289680

Tabel 4. 14 Slip Gaji dalam bentuk unormal lanjutan 2

Penghasilan Bruto	Iuran Pensiun	Biaya Jabatan	Potongan PPh 21	Jumlah Potongan	Jumlah Penghasilan Bersih
4223920	332080	415150	51165	834395	3389525
18595110	1487608	500000	1343208	1987609	199290012

Tabel 4. 15 Bentuk Normal Pertama

Noslip	Nama	Tanggal
slip20197001	Tri Wahyu Astuti	17/08/2019
Slip20197003	Ramadhan	17/07/2019

Tabel 4. 16 Bentuk Normal Pertama Lanjutan 1

Gaji Pokok	Tunjangan Istri	Tunjangan Anak	Tunjangan Keluarga	Tunjangan Perbaikan Penghasilan	Tunjangan Khusus
4151500	0	0	0	0	0
2899500	289950	115980	405930	1000000	0

Tabel 4. 17 Bentuk Normal Pertama Lanjutan 2

Tunjangan Struktural	Tunjangan lain-lain	Tunjangan Beras	Tunjangan Keluarga	Penghasilan Bruto	Iuran Pensiun
0	0	72420	0	4223920	332080
5000000	9000000	289680	405930	18595110	1487608

Tabel 4. 18 Bentuk Normal Pertama Lanjutan 3

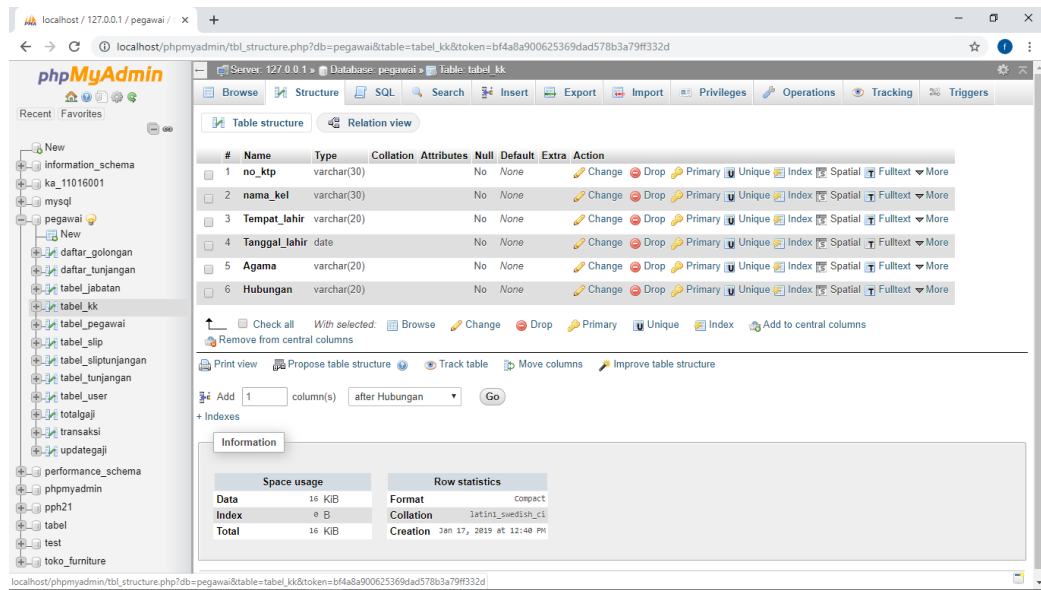| Biaya Jabatan	Potongan PPh 21	Jumlah Potongan	Jumlah Penghasilan Bersih
415150	51165	834395	3389525
500000	1343208	1987609	199290012

4.6   Perancangan Struktur Tabel

Berikut ini adalah struktur tabel dalam sistem informasi akuntansi pph pasal 21 pegawai:
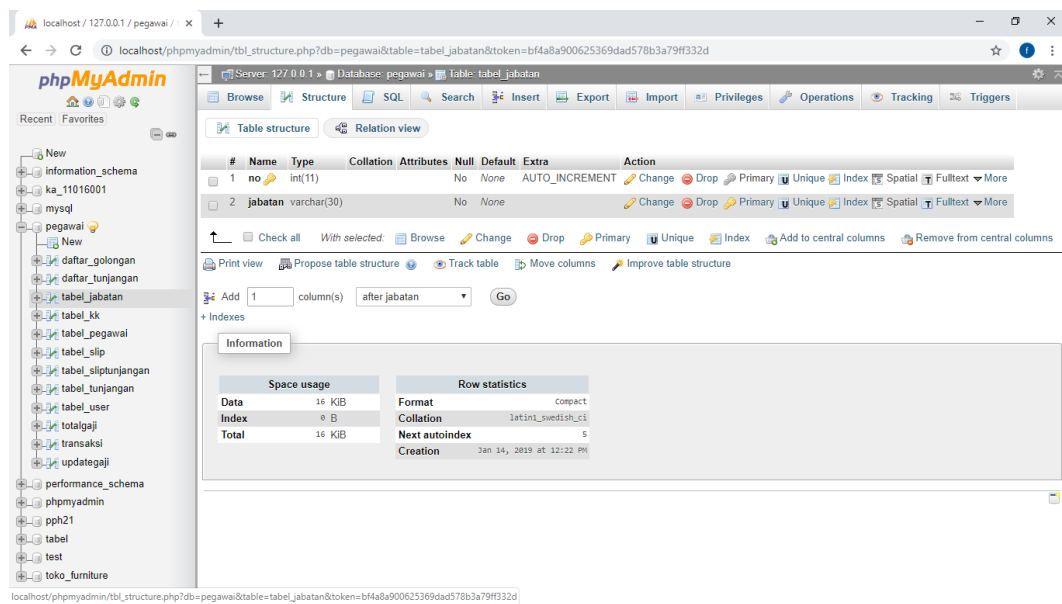
1.   Tabel Pegawai
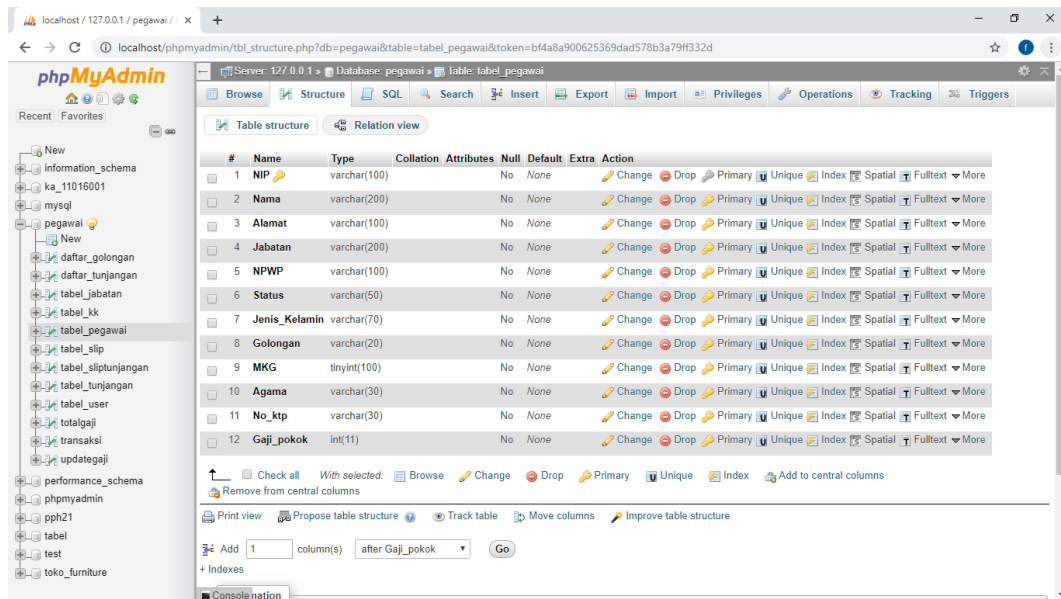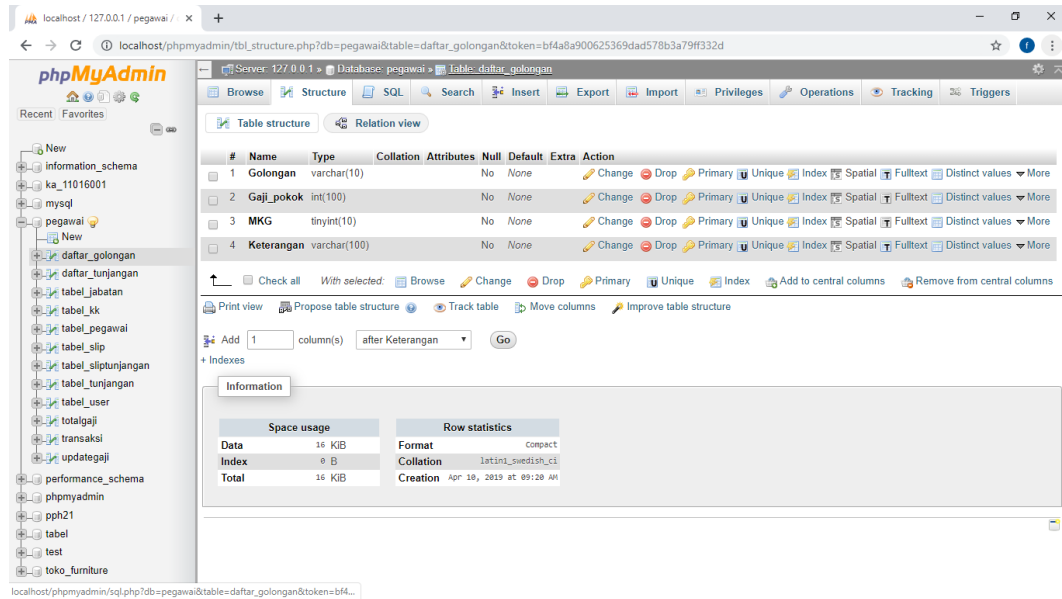

Gambar 4. 9 Tabel Pegawai
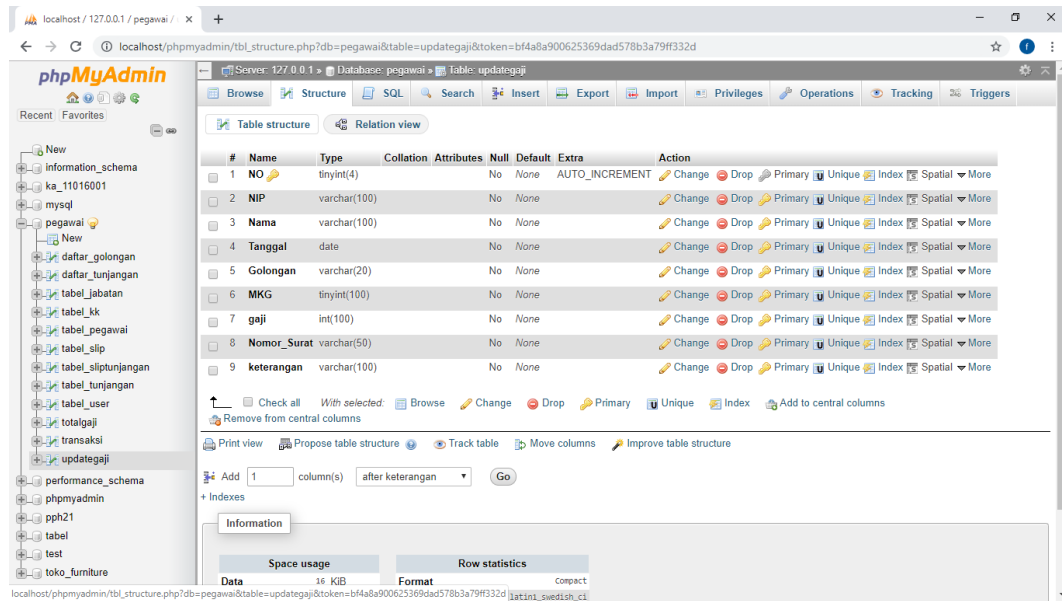
2. Tabel KK

Gambar 4. 10 Tabel KK

3. Tabel Jabatan

Gambar 4. 11 Tabel Jabatan

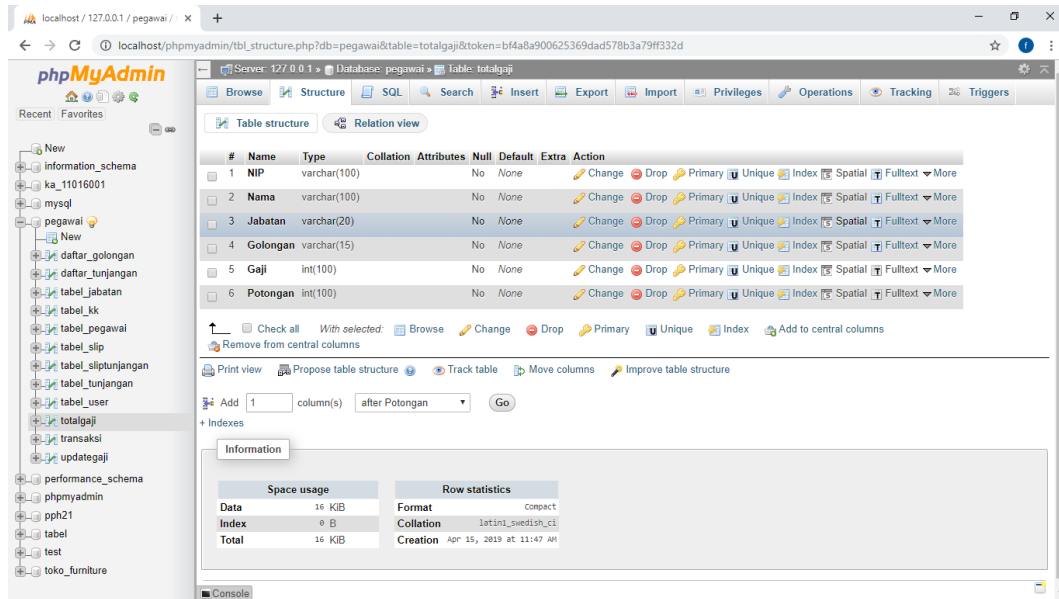## 4. Tabel Daftar Golongan

Gambar 4. 12 Tabel Daftar Golongan
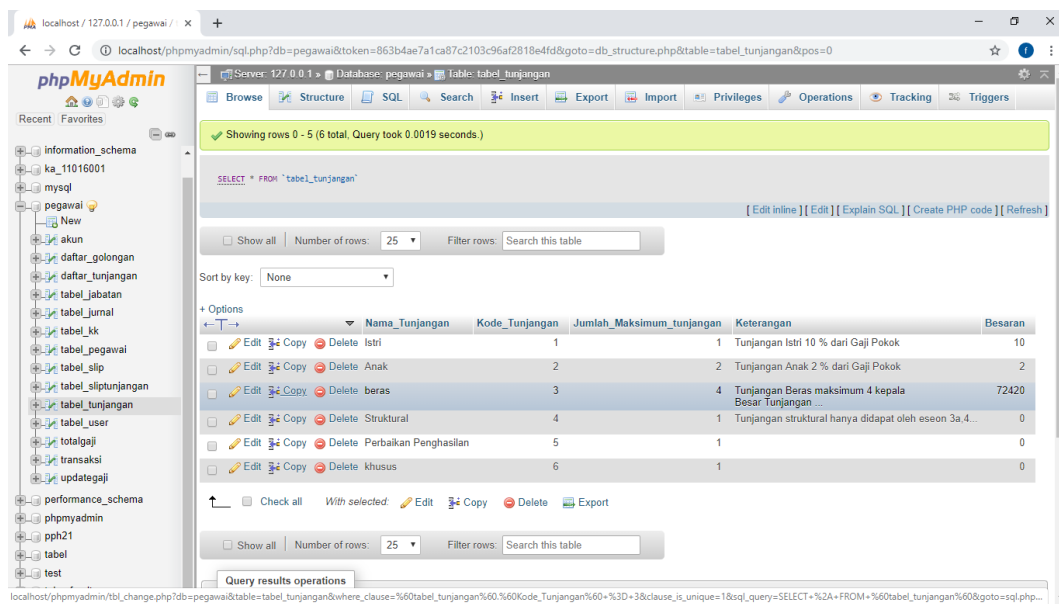
5. Tabel Update Gaji

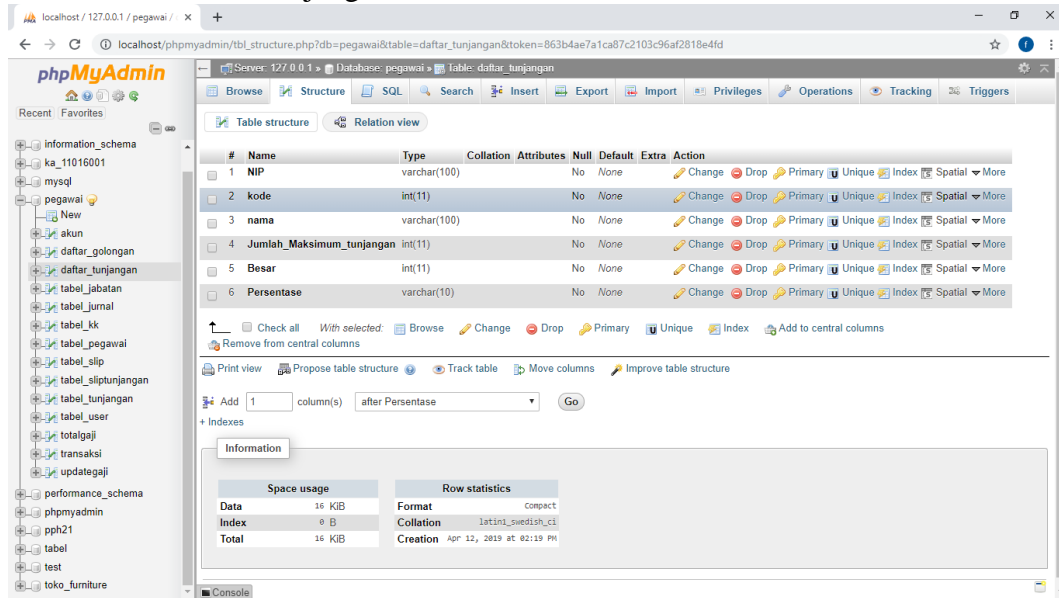Gambar 4. 13 Tabel Update Gaji

6. Tabel Total Gaji

Gambar 4. 14 Tabel Total Gaji
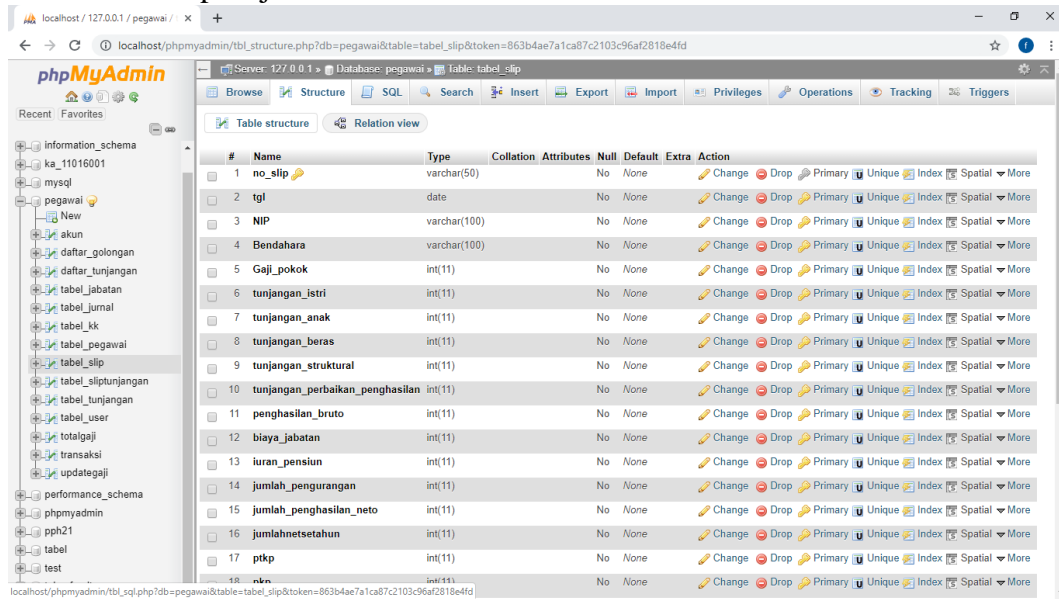
7. Tabel Tunjangan

Gambar 4. 15 Tabel Tunjangan

8.   Tabel Daftar Tunjangan
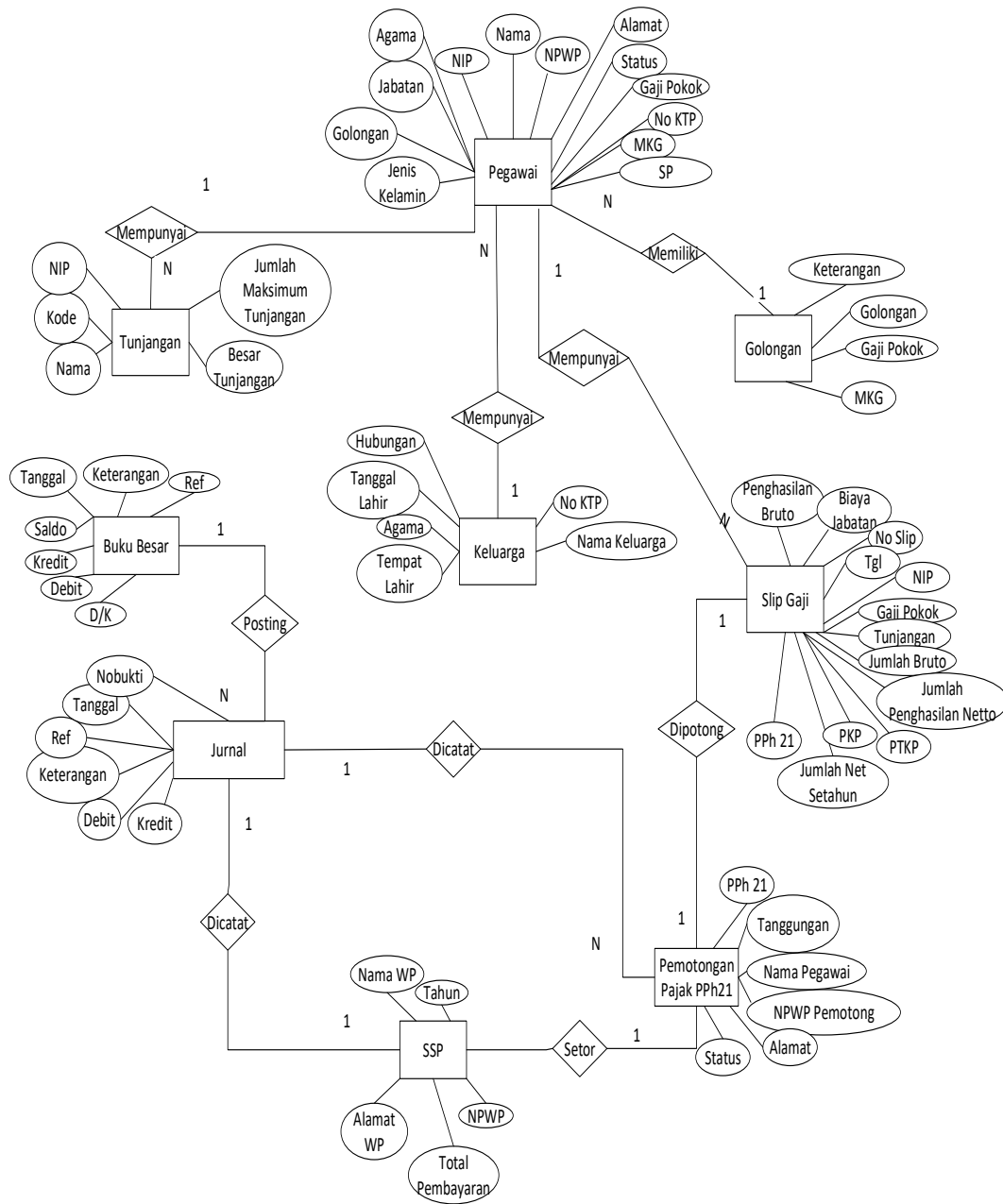

Gambar 4. 16 Tabel Daftar Tunjangan

9.   Tabel Slip Gaji

Gambar 4. 17 Tabel Slip Gaji

4.7 Diagram Relasi Entitas
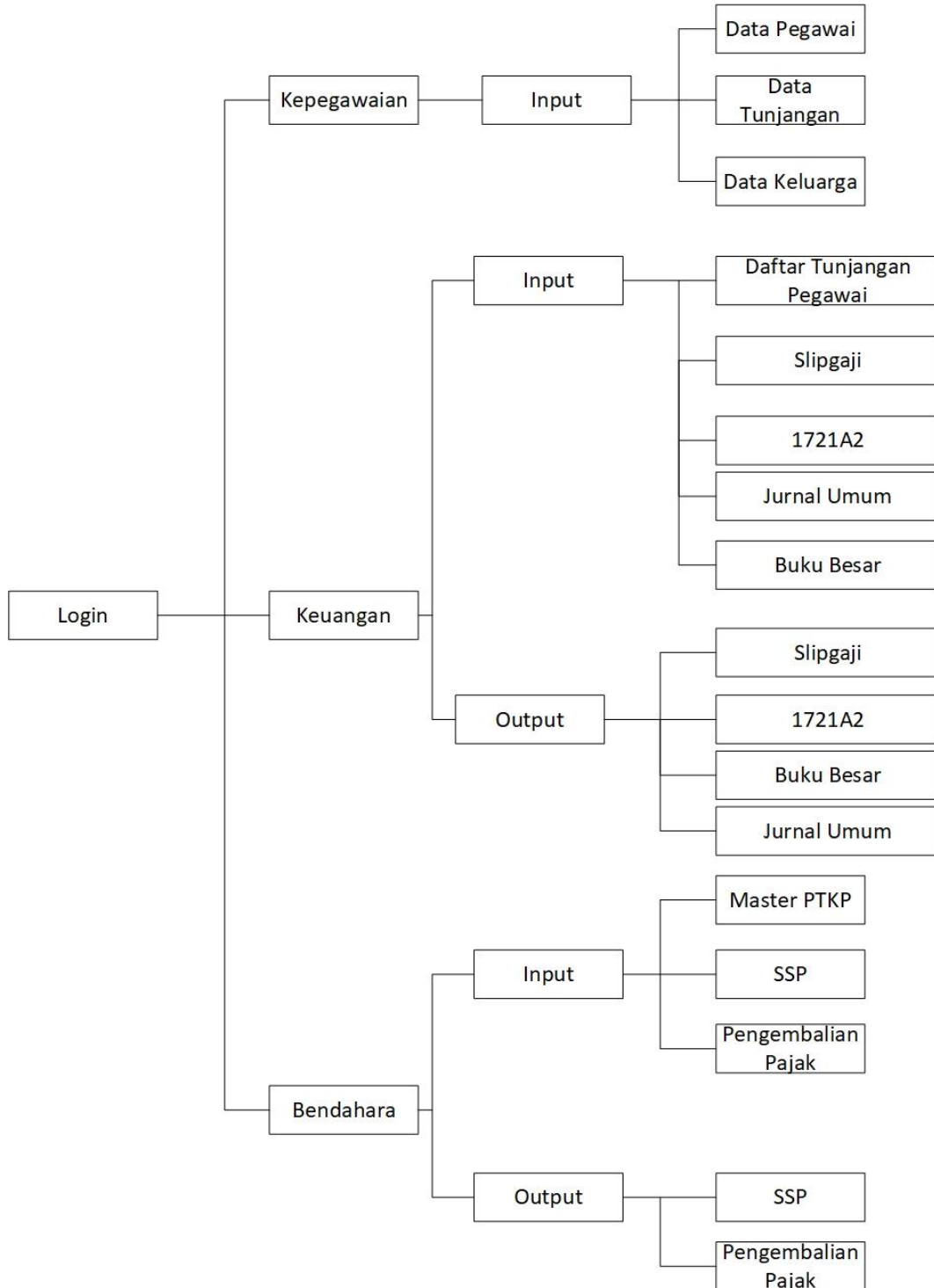
Berikut ini adalah diagram relasi entitas:

Gambar 4. 18 Diagram Relasi Entitas

4.8 Perancangan Struktur Menu Program

4.8.1 Perancangan Struktur Menu Utama

Berikut ini adalah Struktur Menu Utama:

Gambar 4. 19 Struktur Menu Utama

Penjelasan dari gambar struktur menu utama adalah sebagai berikut:

1. Saat pertama kali program di jalankan akan tampil menu login.
2. Pada saat login terdapat 3 pilihan login, login sebagai bagian kepegawaian, keuangan dan bendahara. Setiap bagian memiliki tugas yang berbeda.
3. Ketika login sebagai bagian kepegawaian maka data yang diinput adalah data pegawai, data tunjangan dan data keluarga.
4. Bagian Keuangan bertugas untuk melakukan perhitungan tunjangan berdasarkan data tunjangan yang diinput oleh bagian kepegawaian, lalu bagian keuangan melakukan perhitungan pajak dan membuatkan jurnal umum yang akan di posting ke dalam buku besar.
5. Bendahara bertugas untuk menginput data ptkp tentang peraturan pajak yang sedang berlaku, lalu membuatkan SSP berdasarkan perhitungan pajak yang telah dilakukan oleh bagian keuangan.

4.9 Perancangan Antar Muka dan Laporan
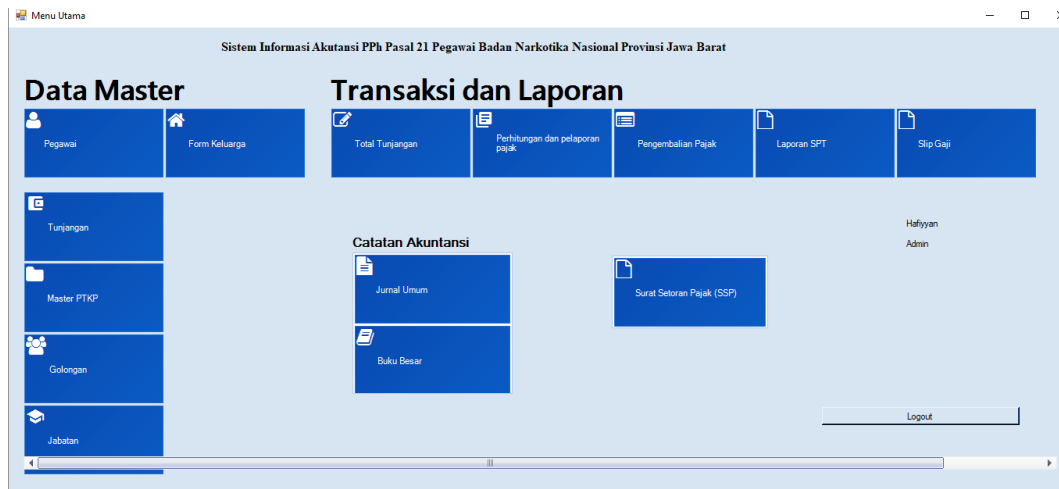## 4.9.1 Perancangan Antar Muka

Berikut ini adalah peracangan antar muka program:

Gambar 4. 20 Perancangan Antar Muka

4.10 Tampilan Awal dan Kode Program

4.10.1 Tampilan Awal

Gambar 4. 21 Tampilan Awal

Tabel 4. 19 Listing Kode Program Dashboard

Listing Program	Keterangan
| ```vbnet
Public Class DashBoard

    Private Sub
MetroTileItem1_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem1.Click
        Pegawai.ShowDialog()

    End Sub

    Private Sub
MetroTileItem3_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem3.Click
        formkeluarga.ShowDialog()
    End Sub

    Private Sub
MetroTileItem7_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem7.Click

mastertunjangan.ShowDialog()

    End Sub

    Private Sub
MetroTileItem10_Click(ByVal sender
As System.Object, ByVal e As
``` | Kode untuk tampilan dashboard |

```vb
System.EventArgs) Handles
MetroTileItem10.Click
        MasterGol.ShowDialog()

    End Sub

    Private Sub
MetroTileItem5_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem5.Click
        formjabatan.ShowDialog()
    End Sub

    Private Sub
MetroTileItem6_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem6.Click

TunjanganPegawai.ShowDialog()
    End Sub

    Private Sub
MetroTileItem8_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem8.Click
        slipgaji.ShowDialog()

    End Sub

    Private Sub
MetroTileItem11_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem11.Click
        bukubesar.ShowDialog()
    End Sub

    Private Sub
MetroTileItem9_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem9.Click
        Jurnal.ShowDialog()
    End Sub


    Private Sub Button1_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
Button1.Click
        Login.Visible = True
        MetroTileItem1.Enabled =
False
        MetroTileItem5.Enabled =
False
        MetroTileItem3.Enabled =
False
```

```vb
        MetroTileItem1.Enabled =
False
        MetroTileItem6.Enabled =
False
        MetroTileItem7.Enabled =
False
        MetroTileItem8.Enabled =
False
        MetroTileItem11.Enabled =
False
        MetroTileItem9.Enabled =
False
        Me.Close()
    End Sub


    Private Sub
MetroTileItem12_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem12.Click
        MasterPTKP.ShowDialog()
    End Sub

    Private Sub
MetroTileItem13_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem13.Click

Pengembalian_Pajak.ShowDialog()

    End Sub

    Private Sub
MetroTileItem14_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem14.Click

Form_Data_Pajak.ShowDialog()
    End Sub

    Private Sub
MetroTileItem18_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
MetroTileItem18.Click
        FormPembayaran.ShowDialog()

    End Sub
    Private Sub
Label4_TextChanged(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles
Label4.TextChanged
        If Label4.Text =
"Bendahara" Then
            MetroTileItem8.Enabled
= True
```

```vbnet
                MetroTileItem11.Enabled
= True
                MetroTileItem9.Enabled
= True
                MetroTileItem12.Enabled
= True
                MetroTileItem18.Enabled
= True
                MetroTileItem14.Enabled
= True
                MetroTileItem15.Enabled
= True
                MetroTileItem13.Enabled
= True
                slipgaji.TextBox3.Text
= "Bambang Fitrianto"

        ElseIf Label4.Text =
"Keuangan" Then
                MetroTileItem1.Enabled
= True
                MetroTileItem6.Enabled
= True
                MetroTileItem7.Enabled
= True

Pegawai.TextBox11.Visible = True

Pegawai.TextBox11.Enabled = True
                Pegawai.Button9.Enabled
= True
        ElseIf Label4.Text =
"Kepegawaian" Then
                MetroTileItem1.Enabled
= True
                MetroTileItem5.Enabled
= True
                MetroTileItem3.Enabled
= True

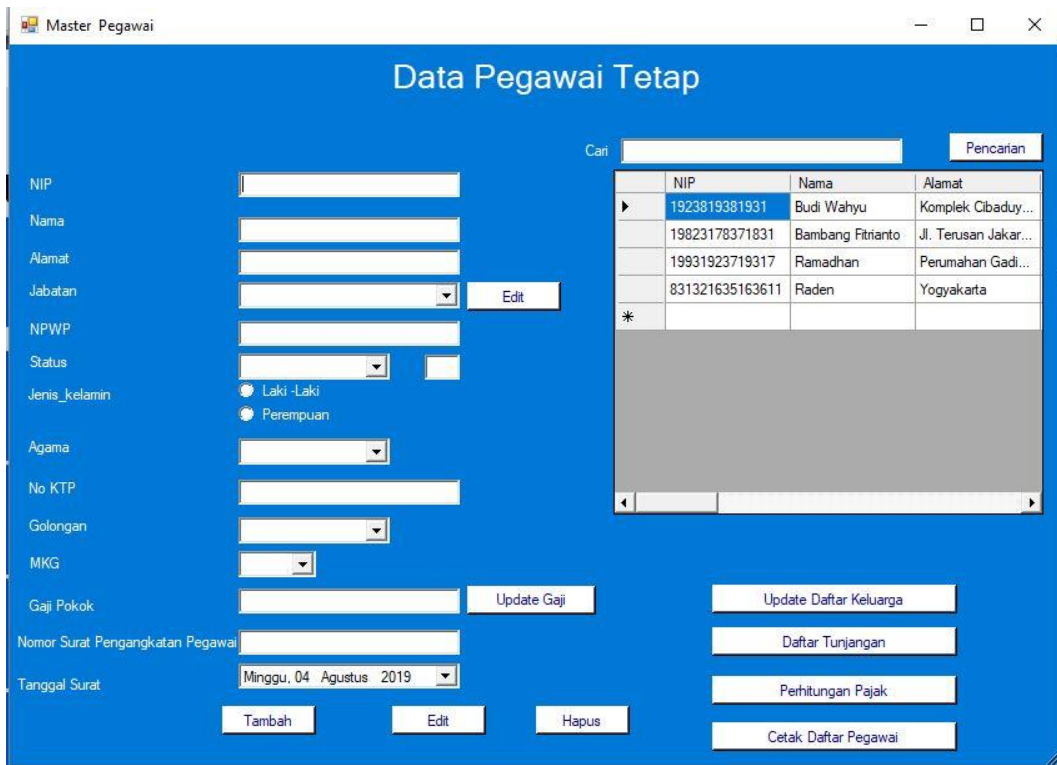        ElseIf Label4.Text =
"Admin" Then
                MetroTileItem1.Enabled
= True
                MetroTileItem5.Enabled
= True
                MetroTileItem3.Enabled
= True
                MetroTileItem1.Enabled
= True
                MetroTileItem6.Enabled
= True
                MetroTileItem7.Enabled
= True
                MetroTileItem8.Enabled
= True
                MetroTileItem11.Enabled
= True
                MetroTileItem9.Enabled
= True
```

Listing Program	Keterangan
| ```
                MetroTileItem14.Enabled
= True
                MetroTileItem18.Enabled
= True
                MetroTileItem13.Enabled
= True
                MetroTileItem15.Enabled
= True
                MetroTileItem10.Enabled
= True
                MetroTileItem12.Enabled
= True
        End If
    End Sub

End Class
``` | |

4.10.2 Tampilan Daftar Pegawai

Gambar 4. 22 Daftar Pegawai

Tabel 4. 20 Kode Daftar Pegawai

Listing Program	Keterangan
| ```
Imports System.Data.Odbc
Public Class Pegawai
    Dim kunci As String
    Dim kelamin As String
``` | Kode Daftar Pegawai |

```vbnet
    Private Sub Form1_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles MyBase.Load
        Tabel_tampil()
        mkg()
        tampilgol()
        ComboBox1.Items.Clear()
        tampil_Jabatan()
        textbox10.Items.Add("Islam")
        textbox10.Items.Add("Kristen")
        textbox10.Items.Add("Hindu")
        textbox10.Items.Add("Budha")
        textbox10.Items.Add("Konghucu")
    End Sub
    Sub tampil_Jabatan()
        Me.ComboBox1.Items.Clear()
        Dim strSQL As String = "SELECT * FROM
tabel_jabatan"
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL,
OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            While (dr.Read())

ComboBox1.Items.Add(dr.GetString(1))
            End While
        End If
        OdbcKonek.Close()
    End Sub
    Sub clear()
        TextBox1.Text = ""
        TextBox2.Text = ""
        TextBox3.Text = ""
        TextBox4.Text = ""
        TextBox5.Text = ""
        textbox7.Text = ""
        TextBox8.Text = ""
        textbox9.Text = ""
        textbox10.Text = ""
        TextBox11.Text = ""
        TextBox6.Text = ""
        ComboBox1.Text = ""
        TextBox12.Clear()
        RadioButton1.Checked = False
        RadioButton2.Checked = False
    End Sub
    Sub tampilgol()
        Me.textbox9.Items.Clear()
        Dim strSQL As String = "SELECT
golongan,Keterangan FROM `daftar_golongan` GROUP
BY Golongan"
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)
```

```vb
        Dim cmd As New OdbcCommand(strSQL,
OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            While (dr.Read())

textbox9.Items.Add(dr.GetString(0) & " | " &
dr.GetString(1))
            End While
        End If
        OdbcKonek.Close()
    End Sub
    Sub mkg()
        Me.ComboBox4.Items.Clear()
        Dim strSQL As String = "SELECT MKG FROM
`daftar_golongan` GROUP BY MKG"
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL,
OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            While (dr.Read())

ComboBox4.Items.Add(dr.GetString(0))
            End While
        End If
        OdbcKonek.Close()
    End Sub
    Sub Tabel_tampil()
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "SELECT *
FROM tabel_pegawai"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
    Sub simpan()
```

```vbnet
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)
        Dim tanggal As String
        tanggal = Format(DateTimePicker1.Value,
"yyyy/MM/dd")
        If RadioButton1.Checked Then
            kelamin = "L"
        Else
            kelamin = "P"
        End If

        Try
            OdbcKonek.Open()

            Dim strSQL As String = "INSERT INTO
tabel_pegawai
(nip,nama,alamat,jabatan,NPWP,Status,Jenis_kelam
in,Golongan,MKG,Agama,no_ktp,gaji_pokok,nomorsur
at,tanggal) VALUES('" & TextBox2.Text & "', '" &
TextBox3.Text & "', '" & TextBox4.Text & "', '"
& ComboBox1.Text & "', '" & TextBox6.Text &
"','" & textbox7.Text & "','" & kelamin & "','"
& textbox9.Text & "','" & ComboBox4.Text & "','"
& textbox10.Text & "','" & TextBox5.Text & "',
'" & TextBox11.Text & "' , '" & TextBox12.Text &
"', '" & tanggal & "' )"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally

            OdbcKonek.Close()
        End Try

    End Sub
    Sub cari()
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "SELECT *
FROM tabel_pegawai WHERE(NIP like '%" &
TextBox1.Text & "%')or (Nama like '%" &
TextBox1.Text & "%') "
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
```

```vb
        MsgBox("Error :" & ex.ToString)
    Finally
        OdbcKonek.Close()
    End Try

    End Sub
    Sub edit()
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "UPDATE
tabel_pegawai set nip='" & TextBox2.Text &
"',nama='" & TextBox3.Text & "',alamat='" &
TextBox4.Text & "', jabatan='" & ComboBox1.Text
& "',NPWP='" & TextBox6.Text & "',Status='" &
textbox7.Text & "',Jenis_kelamin='" & kelamin &
"',Golongan='" & textbox9.Text & "',MKG='" &
ComboBox4.Text & "',Agama='" & textbox10.Text &
"',No_KTP='" & TextBox5.Text & "',Gaji_pokok='"
& TextBox11.Text & "'  where NIP='" & kunci &
"'"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        Tabel_tampil()
        kunci = ""

    End Sub
    Sub delete()
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "DELETE  FROM
tabel_pegawai WHERE nip='" & kunci & "'"


            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("data sudah dihapus :" &
ex.ToString)
```

```vb
            Finally
                OdbcKonek.Close()
            End Try
            Tabel_tampil()

    End Sub

    Private Sub Button1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button1.Click
            simpan()
            clear()
            Tabel_tampil()
    End Sub
    Private Sub Button4_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button4.Click
            cari()

    End Sub

    Private Sub Button2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button2.Click
            edit()
            Tabel_tampil()
            clear()
    End Sub

    Private Sub Button3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button3.Click
            delete()
            clear()
    End Sub
    Private Sub DataGridView1_CellClick(ByVal
sender As System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs)
Handles DataGridView1.CellClick
            If DataGridView1.RowCount > 0 Then
                Try
                    Dim baris As Integer
                    baris =
DataGridView1.CurrentRow.Index
                    kunci = DataGridView1.Item(0,
baris).Value
                    TextBox2.Text =
DataGridView1.Item(0, baris).Value
                    TextBox3.Text =
DataGridView1.Item(1, baris).Value
                    TextBox4.Text =
DataGridView1.Item(2, baris).Value
                    ComboBox1.Text =
DataGridView1.Item(3, baris).Value
                    TextBox6.Text =
DataGridView1.Item(4, baris).Value
                    textbox7.Text =
DataGridView1.Item(5, baris).Value
```

```vbnet
                If DataGridView1.Item(6,
baris).Value = "P" Then
                    RadioButton2.Checked = True
                Else
                    RadioButton1.Checked = True

                End If
                textbox9.Text =
DataGridView1.Item(7, baris).Value
                ComboBox4.Text =
DataGridView1.Item(8, baris).Value
                textbox10.Text =
DataGridView1.Item(9, baris).Value
                TextBox5.Text =
DataGridView1.Item(10, baris).Value
                TextBox11.Text =
DataGridView1.Item(11, baris).Value
                TextBox12.Text  =
DataGridView1.Item (12,baris).value
            Catch ex As Exception

            End Try

        End If

    End Sub
    Private Sub Button5_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button5.Click
        formjabatan.ShowDialog()
    End Sub

    Private Sub Button6_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button6.Click
        If TextBox2.Text <> "" Then
            formkeluarga.ShowDialog()
        Else
            MsgBox("silahkan pilih data pegawai
terlebih dahulu")
        End If


    End Sub
    Private Sub Button7_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button7.Click
        If TextBox2.Text <> "" Then
            TunjanganPegawai.ShowDialog()

        Else
            MsgBox("silahkan pilih data pegawai
terlebih dahulu")
        End If

    End Sub
    Private Sub Button8_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button8.Click
```

```vbnet
        slipgaji.ShowDialog()
    End Sub
    Sub hitung_tanggungan()

        Dim strSQL As String = "SELECT
count(no_ktp)as tanggungan FROM `tabel_kk` WHERE
no_ktp='" & TextBox5.Text & "' and
Hubungan<>'istri' GROUP by no_ktp"
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL,
OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        TextBox8.Text = "0"

        If dr.HasRows Then

            While (dr.Read())
                TextBox8.Text = dr.GetString(0)
            End While

            '
ComboBox1.Items.Add(dr.GetString(1))


        Else


        End If
        OdbcKonek.Close()
    End Sub

    Private Sub textbox7_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles textbox7.TextChanged
        If textbox7.Text = "Kawin" Then
            Button6.Enabled = True
        Else
            Button6.Enabled = True
            TextBox8.Text = "0"
        End If

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

    End Sub
    Private Sub ComboBox4_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles ComboBox4.TextChanged
        Dim masa As String = ComboBox4.Text
        Dim golongan As String =
Mid(textbox9.Text, 1, 2)
```

```vb
        Dim strSQL As String = "SELECT
gaji_pokok FROM `daftar_golongan` where
Golongan='" & golongan & "' and mkg='" & masa &
"'"

        Dim OdbcKonek = New
OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL,
OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            dr.Read()
            TextBox11.Text = dr.GetString(0)

        End If
        OdbcKonek.Close()

    End Sub

    Private Sub Button9_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button9.Click
        FormUpdateGaji.ShowDialog()

    End Sub




    Private Sub Button10_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button10.Click
        Dim a As New DaftarPegawai
        Dim b As New CetakDP


        b.CrystalReportViewer1.ReportSource = a
        b.CrystalReportViewer1.Refresh()
        b.ShowDialog()
    End Sub



End Class
```

4.10.3 Tampilan KK

Gambar 4. 23 Tampilan KK

Tabel 4. 21 Kode KK

Listing Program	Keterangan
| ```vb
Imports System.Data.Odbc
Public Class formkeluarga
    Dim kunci, kunci2 As String
    Dim kelamin As String

    Private Sub Form3_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        TextBox5.Text = Pegawai.TextBox2.Text
        TextBox6.Text = Pegawai.TextBox3.Text
        TextBox7.Text = Pegawai.TextBox5.Text
        Tabel_tampil()
        ComboBox1.Items.Add("Islam")
        ComboBox1.Items.Add("Kristen")
        ComboBox1.Items.Add("Hindu")
        ComboBox1.Items.Add("Budha")
        ComboBox1.Items.Add("Konghucu")
        ComboBox2.Items.Add("Kepala Keluarga")
        ComboBox2.Items.Add("Istri")
        ComboBox2.Items.Add("Anak")
    End Sub
    Sub Tabel_tampil()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "SELECT * FROM
tabel_kk where no_ktp= '" & TextBox7.Text & "'"
``` | Kode Program KK |

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```vb
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
    Sub simpan()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim tanggal As String
        tanggal = Format(DateTimePicker1.Value,
"yyyy/MM/dd")
        'MsgBox(tanggal)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "INSERT INTO
tabel_kk
(no_ktp,nama_kel,tempat_lahir,tanggal_lahir,Agama,Hub
ungan) VALUES('" & TextBox7.Text & "', '" &
TextBox2.Text & "','" & TextBox3.Text & "', '" &
tanggal & "', '" & ComboBox1.Text & "', '" &
ComboBox2.Text & "'  )"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        Tabel_tampil()

    End Sub
    Sub kosongkan()

    End Sub

    Sub edit()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim tanggal As String
        tanggal = Format(DateTimePicker1.Value,
"yyyy/MM/dd")

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "UPDATE  tabel_kk
set nama_kel='" & TextBox2.Text & "',tempat_lahir =
```

```vbnet
        '" & TextBox3.Text & "',Tanggal_lahir='" & tanggal &
"',agama= '" & ComboBox1.Text & "',hubungan='" &
ComboBox2.Text & "' where (no_ktp='" & kunci & "')
and (nama_kel='" & kunci2 & "')"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        Tabel_tampil()


    End Sub
    Sub delete()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "DELETE  FROM
tabel_kk WHERE no_ktp ='" & kunci & "'"


            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("data sudah dihapus :" &
ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        Tabel_tampil()

    End Sub

    Private Sub DataGridView1_CellClick(ByVal sender
As System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs)
Handles DataGridView1.CellClick
        If DataGridView1.RowCount > 0 Then
            Try
                Dim baris As Integer
                baris =
DataGridView1.CurrentRow.Index
                kunci = DataGridView1.Item(0,
baris).Value
                kunci2 = DataGridView1.Item(1,
baris).Value
```

```vbnet
                TextBox2.Text = DataGridView1.Item(1,
baris).Value
                TextBox3.Text = DataGridView1.Item(2,
baris).Value
                DateTimePicker1.Value =
DataGridView1.Item(3, baris).Value
                ComboBox1.Text =
DataGridView1.Item(4, baris).Value
                ComboBox2.Text =
DataGridView1.Item(5, baris).Value
            Catch ex As Exception

            End Try

        End If

    End Sub

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

    End Sub

    Private Sub Button2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button2.Click
        edit()
        Tabel_tampil()
    End Sub

    Private Sub Button3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button3.Click
        delete()
    End Sub
End Class
```
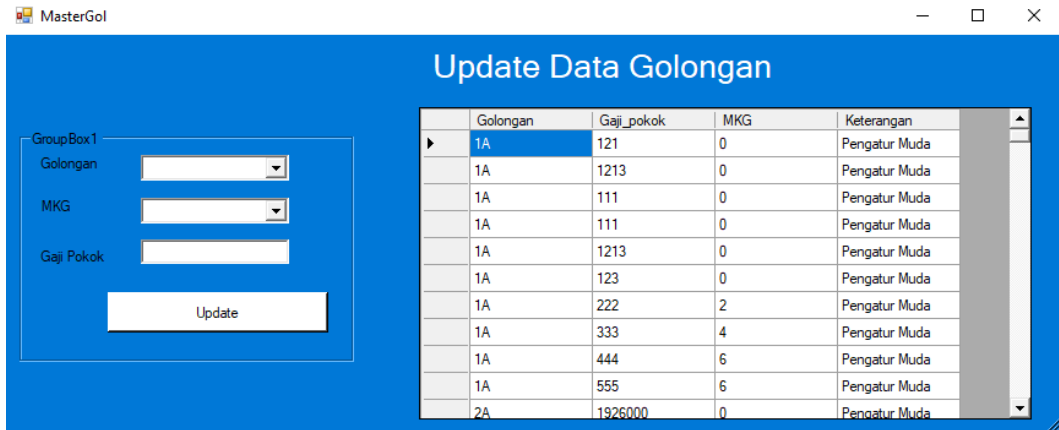
4.10.4 Tampilan Jabatan
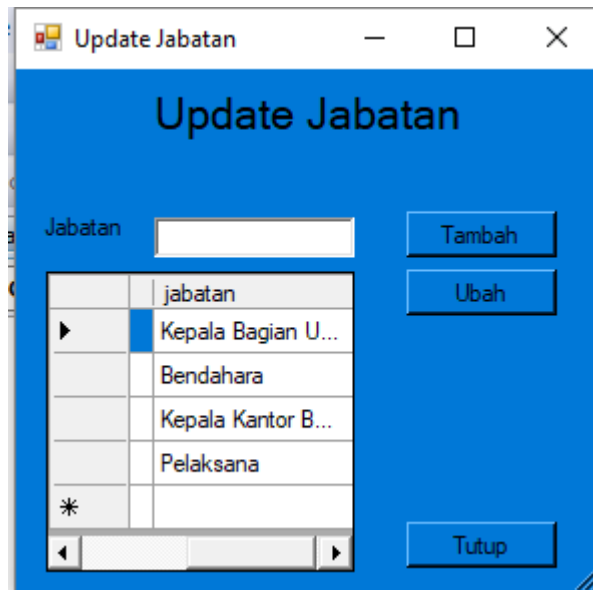
Gambar 4. 24 Tampilan Jabatan

Tabel 4. 22 Kode Jabatan

Listing Program	Keterangan
| ```vbnet
Imports System.Data.Odbc
Public Class formjabatan
    Dim kunci As String
    Private Sub Form2_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles MyBase.Load
        tampil_jabatan()
    End Sub
    Sub tampil_jabatan()
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "SELECT *
FROM tabel_jabatan"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try


    End Sub
    Sub edit()
``` | Kode Program Jabatan |

```vbnet
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "UPDATE
tabel_jabatan set jabatan='" & TextBox2.Text &
"' where no='" & kunci & "'"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        tampil_jabatan()


    End Sub
    Sub simpan()
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)


        Try
            OdbcKonek.Open()

            Dim strSQL As String = "INSERT INTO
tabel_jabatan (jabatan) VALUES('" &
TextBox2.Text & "' )"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
    Sub delete()
        Dim OdbcKonek = New
OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "DELETE
FROM tabel_jabatan WHERE no='" & kunci & "'"
```

```vbnet
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("data sudah dihapus :" &
ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        tampil_jabatan()

    End Sub


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

    Private Sub Button3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button3.Click
        Pegawai.tampil_Jabatan()
        Me.Close()
    End Sub

    Private Sub DataGridView1_CellClick(ByVal
sender As System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs)
Handles DataGridView1.CellClick
        If DataGridView1.RowCount > 0 Then
            Try
                Dim baris As Integer
                baris =
DataGridView1.CurrentRow.Index
                kunci = DataGridView1.Item(0,
baris).Value
                TextBox2.Text =
DataGridView1.Item(1, baris).Value

            Catch ex As Exception

            End Try

        End If
    End Sub

    Private Sub Button2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
Handles Button2.Click
        edit()

    End Sub
```

```
End Class
```

4.10.5 Tampilan Daftar Golongan

Gambar 4. 25 Tampilan Golongan

Tabel 4. 23 Kode Golongan

Listing Program	Keterangan
```Imports System.Data.Odbc``` ``Public Class MasterGol`` ``Private Sub`` ``MasterGol_Load(ByVal sender As`` ``System.Object, ByVal e As`` ``System.EventArgs) Handles`` ``MyBase.Load`` ``master()`` ``End Sub`` ``Sub master()`` ``Dim OdbcKonek = New`` ``OdbcConnection(DsnKonek)`` ``Try`` ``OdbcKonek.Open()`` ``Dim strSQL As`` ``String = "SELECT * FROM`` ``daftar_golongan"`` ``Dim DA As`` ``OdbcDataAdapter = New`` ``OdbcDataAdapter(strSQL,`` ``OdbcKonek)`` ``Dim DT As New`` ``DataTable`` ``DA.Fill(DT)`` ``Dim bs As New`` ``BindingSource`` ``bs.DataSource = DT`` ``DataGridView1.DataSource = DT`` ``Catch ex As Exception```	Kode Program Golongan

```
            MsgBox("Error :" &
ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
        End Class
```

4.10.6 Tampilan Master Tunjangan
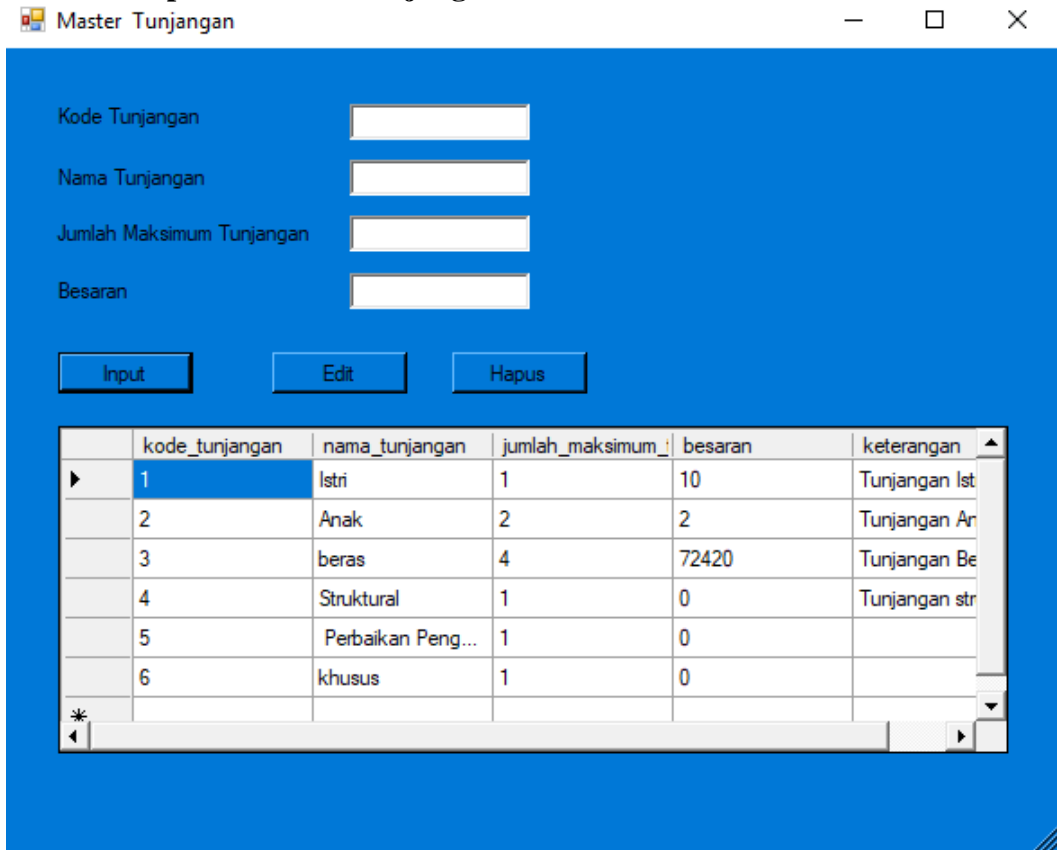
Gambar 4. 26 Tampilan Master Tunjangan

Tabel 4. 24 Kode Master Tunjangan

Listing Program	Keterangan
``Imports System.Data.Odbc
Public Class mastertunjangan
    Dim kunci As String
    Private Sub Form4_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        tampil_tunjangan()
    End Sub
    Sub tampil_tunjangan()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)

        Try``` | Kode Master Tunjangan |

```vbnet
            OdbcKonek.Open()
            Dim strSQL As String = "SELECT
kode_tunjangan,nama_tunjangan,jumlah_maksimum_tunjangan
,besaran,keterangan FROM tabel_tunjangan"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
    Sub simpan()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "INSERT INTO
tabel_tunjangan
(kode_tunjangan,nama_tunjangan,jumlah_maksimum_tunjanga
n,keterangan,besaran) VALUES('" & TextBox1.Text & "',
'" & TextBox2.Text & "','" & TextBox3.Text & "' , '" &
RichTextBox1.Text & "', '" & TextBox4.Text & "')"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        MsgBox("simpan data berhasil")
        tampil_tunjangan()
    End Sub
    Sub hapus()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "DELETE  FROM
tabel_tunjangan WHERE kode_tunjangan='" & kunci & "'"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("data sudah dihapus :" &
ex.ToString)
```

```vb
            Finally
                OdbcKonek.Close()
            End Try
            tampil_tunjangan()
    End Sub
    Sub edit()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "UPDATE
tabel_tunjangan set nama_tunjangan= '" & TextBox2.Text
& "',Jumlah_Maksimum_tunjangan= '" & TextBox3.Text &
"',Keterangan= '" & RichTextBox1.Text & "', besaran =
'" & TextBox4.Text & "' where kode_tunjangan='" & kunci
& "' "
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        tampil_tunjangan()
        kunci = ""
    End Sub
    Sub delete()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "DELETE  FROM
tabel_tunjangan WHERE kode_tunjangan='" & kunci & "'"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("data sudah dihapus :" &
ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        tampil_tunjangan()
    End Sub
    Private Sub Button1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button1.Click
        simpan()
        tampil_tunjangan()
    End Sub
```

```vb
    Private Sub Button2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button2.Click
        edit()
        tampil_tunjangan()
    End Sub
    Private Sub DataGridView1_CellClick(ByVal sender As
System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellClick
        If DataGridView1.RowCount > 0 Then
            Try
                Dim baris As Integer
                baris = DataGridView1.CurrentRow.Index
                kunci = DataGridView1.Item(0,
baris).Value
                TextBox1.Text = kunci
                TextBox2.Text = DataGridView1.Item(1,
baris).Value
                TextBox3.Text = DataGridView1.Item(2,
baris).Value
                TextBox4.Text = DataGridView1.Item(3,
baris).Value
                RichTextBox1.Text =
DataGridView1.Item(4, baris).Value
            Catch ex As Exception
            End Try
            RichTextBox1.Visible = True
            Label3.Visible = True
        End If
    End Sub
    Private Sub Button3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button3.Click
        hapus()
    End Sub
End Class
```

4.10.7 Tampilan Daftar Tunjangan Pegawai

Gambar 4. 27 Daftar Tunjangan Pegawai

Tabel 4. 25 Kode Program Daftar Tunjangan Pegawai

Listing Program	Keterangan
| ```
Imports System.Data.Odbc
Public Class TunjanganPegawai
    Dim jumis, juman As Byte
    Dim total As Double
    Dim persen As Integer
    Dim kunci As String
    Private Sub Form9_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        'TextBox8.Text = Pegawai.TextBox8.Text
        TextBox1.Text = Pegawai.TextBox2.Text
        TextBox5.Text = Pegawai.TextBox11.Text
        tampil_daftar()
        tampil_tunjangan()
        ComboBox1.Items.Clear()
        ComboBox1.Items.Add("Ya")
        ComboBox1.Items.Add("Tidak")
        Label12.Text = Pegawai.TextBox3.Text
    End Sub
    Sub tampil_daftar()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "SELECT
kode_tunjangan as Kode,nama_tunjangan as nama,
jumlah_maksimum_tunjangan as Maks , besaran as nilai
FROM tabel_tunjangan "
``` | Kode Daftar Tunjangan Pegawai |

```vb
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
    Sub tampil_tunjangan()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "SELECT * FROM
daftar_tunjangan WHERE NIP='" & TextBox1.Text & "'"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView2.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
    Sub simpan()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "INSERT INTO
daftar_tunjangan(nip,kode,nama,Jumlah_maksimum_tunjang
an,Besar,persentase) VALUES('" & TextBox1.Text & "','"
& TextBox2.Text & "', '" & TextBox8.Text & "','" &
TextBox3.Text & "','" & TextBox6.Text & "','" &
ComboBox1.Text & "' )"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView2.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        tampil_daftar()
    End Sub
```

```vb
    Sub ubah()
        Dim Odbckonek = New OdbcConnection(DsnKonek)
        Try
            Odbckonek.Open()
            Dim strSQL As String = "Update
daftar_tunjangan SET
(nip,kode,nama,Jumlah_maksimum_tunjangan,Besar,persent
ase) VALUES('" & TextBox1.Text & "','" & TextBox2.Text
& "', '" & TextBox8.Text & "','" & TextBox3.Text &
"','" & TextBox6.Text & "','" & ComboBox1.Text & "' )"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, Odbckonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView2.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            Odbckonek.Close()
        End Try
        tampil_daftar()
    End Sub

    Private Sub DataGridView1_CellClick(ByVal sender
As System.Object, ByVal e As
System.Windows.Forms.DataGridViewCellEventArgs)
Handles DataGridView1.CellClick
        If DataGridView1.RowCount > 0 Then
            Try
                Dim baris As Integer
                baris = DataGridView1.CurrentRow.Index
                TextBox2.Text = DataGridView1.Item(0,
baris).Value
                TextBox8.Text = DataGridView1.Item(1,
baris).Value
                If Val(TextBox7.Text) <
Val(DataGridView1.Item(2, baris).Value) Then
                    TextBox3.Text = TextBox7.Text
                Else
                    TextBox3.Text =
DataGridView1.Item(2, baris).Value
                    'MsgBox("ini lebih besar" &
DataGridView1.Item(2, baris).Value)
                End If
                TextBox4.Text = DataGridView1.Item(3,
baris).Value


            Catch ex As Exception

            End Try
            DataGridView1.Visible = False
        End If

    End Sub
    Private Sub DataGridView2_CellClick(ByVal sender
As System.Object, ByVal e As
```

```vb
System.Windows.Forms.DataGridViewCellEventArgs)
Handles DataGridView2.CellClick
        If DataGridView1.RowCount > 0 Then
            Try
                Dim baris As Integer
                baris = DataGridView2.CurrentRow.Index
                TextBox2.Text = DataGridView2.Item(1,
baris).Value
                TextBox3.Text = DataGridView2.Item(2,
baris).Value
                TextBox4.Text = DataGridView2.Item(3,
baris).Value

            Catch ex As Exception

            End Try
            DataGridView1.Visible = False
        End If

    End Sub

    Sub delete()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "DELETE  FROM
daftar_tunjangan WHERE nip='" & TextBox1.Text & "' and
kode= '" & TextBox2.Text & "' and Besar= '" &
TextBox6.Text & "'"


            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView2.DataSource = DT
            MsgBox("data sudah dihapus !!!!")
            TextBox2.Clear()
            TextBox3.Clear()
            TextBox4.Clear()
        Catch ex As Exception
            MsgBox("data sudah dihapus :" &
ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
        tampil_tunjangan()
    End Sub
    Private Sub Button4_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button4.Click
        DataGridView1.Visible = True
    End Sub
    Sub cari_tunjangan()
```

```vb
        Dim strSQL As String = "SELECT * FROM
daftar_tunjangan WHERE NIP='" & TextBox1.Text & "' and
nama='" & TextBox8.Text & "'"
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            MsgBox("Tunjangan '" & TextBox8.Text &
"'sudah ada...!!")
            TextBox2.Clear()
            TextBox3.Clear()
            TextBox4.Clear()

        Else
            simpan()

        End If
        OdbcKonek.Close()
    End Sub
    Private Sub Button1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button1.Click
        cari_tunjangan()
        tampil_tunjangan()
    End Sub

    Private Sub Button3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button3.Click
        delete()
    End Sub
    Private Sub ComboBox1_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox1.TextChanged
        Dim jumlah As Byte
        jumlah = TextBox3.Text
        'persen = ComboBox1.Text
        Dim gapok As Integer
        gapok = TextBox5.Text
        Dim besar As Integer
        besar = TextBox4.Text


        If ComboBox1.Text = "Ya" Then
            total = jumlah * gapok * besar / 100
            'MsgBox("benar")
        Else
            total = jumlah * besar
            'MsgBox("salah")

        End If
        TextBox6.Text = total

    End Sub
```

```vb
    Private Sub TextBox2_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
TextBox2.TextChanged
        If Pegawai.textbox7.Text = "Kawin" Then
            If TextBox2.Text = "1" Then
                Me.TextBox7.Text = 1
            ElseIf TextBox2.Text = "2" Then
                Me.TextBox7.Text =
Pegawai.TextBox8.Text
            ElseIf TextBox2.Text = "3" Then
                TextBox7.Text = (2 +
Pegawai.TextBox8.Text)
            Else
                Me.TextBox7.Text = 1
            End If
        Else
            If TextBox2.Text = "3" Then
                Me.TextBox7.Text = 1
            Else
                Me.TextBox7.Text = 1
            End If

        End If

    End Sub
    'Private Sub TextBox2_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
TextBox2.TextChanged
    '    If Pegawai.textbox7.Text = "Kawin" Then
    '        If TextBox2.Text = "Kawin" Then
    '            Me.TextBox7.Text = 1
    '        ElseIf TextBox2.Text = "Anak" Then
    '            Me.TextBox7.Text =
Pegawai.TextBox8.Text
    '        ElseIf TextBox2.Text = "Beras" Then
    '            TextBox7.Text = (2 +
Pegawai.TextBox8.Text)

    '        Else
    '            Me.TextBox7.Text = 1
    '        End If
    '    Else
    '        If TextBox2.Text = "Beras" Then
    '            Me.TextBox7.Text = 1
    '        Else
    '            Me.TextBox7.Text = 1
    '        End If

    '    End If

    'End Sub
End Class
```

4.10.8 Tampilan Perhitungan Gaji dan Pajak Pegawai

Tabel 4. 26 Kode Program Perhitungan Gaji dan Pajak Pegawai

Listing Program	Keterangan
| ```vb
Imports System.Data.Odbc
Public Class slipgaji
    Dim nip, kodeslip As String
    Dim total As Integer
    Dim pkp As Integer
    Dim biayajab As Integer
    Dim iuran As Integer
    Dim jumlahkurang As Integer
    Dim ptkp As Integer
    Dim totptkp As Integer
    Dim nettosebulan As Integer
    Dim nettosetahun As Integer
    Dim pph As Integer
    Dim sisapkp As Integer
    Dim pph2 As Integer
    Dim pph3 As Integer
    Dim totpph As Integer

    Private Sub Form10_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        tampil_pegawai()
        noslip()
        DateTimePicker1.Value = Now
        'TextBox4.Text = Form7.TextBox3.Text
    End Sub
    Sub tampil_pegawai()
        Me.ComboBox1.Items.Clear()
``` | |

```vbnet
        Dim strSQL As String = "SELECT  NIP, nama FROM
tabel_pegawai"
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            While (dr.Read())
                ComboBox1.Items.Add(dr.GetString(0) & "
| " & dr.GetString(1))
            End While
        End If
        OdbcKonek.Close()
    End Sub
    Sub noslip()
        Dim strSQL As String = "SELECT count(NIP) as
noslip from tabel_slip where year(tgl)='2019' and
month(tgl)='03' "
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            dr.Read()
            ' MsgBox(dr.GetString(0))
            If dr.GetString(0) < 9 Then
                kodeslip = "00" & dr.GetString(0) + 1
            ElseIf dr.GetString(0) < 99 Then
                kodeslip = "0" & dr.GetString(0) + 1
            Else
                kodeslip = dr.GetString(0) + 1

            End If
        End If
        kodeslip = "Slip" &
DateTimePicker1.Value.Year.ToString &
DateTimePicker1.Value.Month.ToString & kodeslip

        'MsgBox(kodeslip)
        TextBox1.Text = kodeslip

        OdbcKonek.Close()
    End Sub

    Sub gapok()

        Dim strSQL As String = "SELECT gaji_pokok FROM
tabel_pegawai where NIP= '" & nip & "' "
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
```

```vbnet
                While (dr.Read())
                    TextBox4.Text = dr.GetString(0)
                End While
            End If
        OdbcKonek.Close()
    End Sub
    Sub tuni()

        Dim strSQL As String = "SELECT * FROM
daftar_tunjangan where NIP= '" & nip & "' "
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            While (dr.Read())
                If dr.GetString(1) = 1 Then
                    TextBox5.Text = dr.GetString(4)

                End If
                If dr.GetString(1) = 2 Then

                    TextBox2.Text = dr.GetString(4)
                End If
                If dr.GetString(1) = 3 Then
                    TextBox6.Text = dr.GetString(4)
                End If
                If dr.GetString(1) = 4 Then
                    TextBox7.Text = dr.GetString(4)
                End If
                If dr.GetString(1) = 5 Then
                    TextBox8.Text = dr.GetString(4)
                End If
            End While
        End If
        hitung()
        OdbcKonek.Close()
    End Sub
    Sub hitung()
        Dim tunji As Integer = TextBox5.Text
        Dim tunja As Integer = TextBox2.Text
        Dim tunjb As Integer = TextBox6.Text
        Dim tunjs As Integer = TextBox7.Text
        Dim tunjp As Integer = TextBox8.Text
        Dim gaji As Integer = TextBox4.Text
        total = gaji + tunji + tunja + tunjb + tunjs +
tunjp
        TextBox9.Text = total
    End Sub
    Sub hitung_pajak()
        Dim gaji As Integer = TextBox4.Text
        Dim tunji As Integer = TextBox5.Text
        Dim tunja As Integer = TextBox2.Text
        Dim tunjb As Integer = TextBox6.Text
        Dim tunjs As Integer = TextBox7.Text
        Dim tunjp As Integer = TextBox8.Text
        biayajab = gaji * 5 / 100
```

```vb
        TextBox10.Text = biayajab
        iuran = total * 8 / 100
        TextBox11.Text = iuran
        jumlahkurang = iuran + biayajab
        TextBox12.Text = jumlahkurang
        nettosebulan = total - jumlahkurang
        TextBox13.Text = nettosebulan
        nettosetahun = nettosebulan * 12
        TextBox14.Text = nettosetahun

        If Pegawai.textbox7.Text = "kawin" Then
            ptkp = 54000000 + 4500000
        ElseIf Pegawai.TextBox8.Text = "1" Then
            ptkp = 54000000 + 4500000 + 4500000
        ElseIf Pegawai.TextBox8.Text = "2" Then
            ptkp = 54000000 + 4500000 + 4500000 +
4500000
        ElseIf Pegawai.TextBox8.Text = "3" Then
            ptkp = 54000000 + 4500000 + 4500000 +
4500000 + 4500000
        End If
        TextBox15.Text = ptkp
        pkp = nettosetahun - ptkp
        TextBox16.Text = pkp
        If nettosetahun < ptkp Then
            ptkp = "0"
            MsgBox("Karena Besar Gaji  Setahun lebih
kecil dari PTKP maka tidak dikenakan pajak")
        ElseIf pkp <= 50000000 Then
            pph = 5 / 100 * pkp
            totpph = pph
        ElseIf pkp > 50000000 Then
            pph = 5 / 100 * 50000000
            sisapkp = pkp - 50000000
            pph2 = 15 / 100 * sisapkp
            totpph = pph + pph2

        ElseIf pkp > 250000000 Then
            pph = 5 / 100 * 50000000
            pph2 = 15 / 100 * 20000000
            sisapkp = pkp - 250000000
            pph3 = 30 / 100 * sisapkp
            totpph = pph + pph2 + pph3
        End If
        TextBox17.Text = totpph
    End Sub
    Sub simpan()
        Dim tanggal As String
        tanggal = Format(DateTimePicker1.Value,
"yyyy/MM/dd")
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
 Dim strSQL As String = "INSERT INTO tabel_slip
(no_slip,tgl,NIP,bendahara,Gaji_pokok,tunjangan_istri,tu
njangan_anak,tunjangan_beras,tunjangan_struktural,tunjan
gan_perbaikan_penghasilan,penghasilan_bruto,biaya_jabata
n,iuran_pensiun,jumlah_pengurangan,jumlah_penghasilan_ne
to,jumlahnetsetahun,ptkp,pkp) VALUES('" & TextBox1.Text
```

```vb
        & "', '" & tanggal & "', '" & ComboBox1.Text & "', '" &
TextBox3.Text & "', '" & TextBox4.Text & "','" &
TextBox5.Text & "','" & TextBox2.Text & "','" &
TextBox6.Text & "','" & TextBox7.Text & "','" &
TextBox8.Text & "','" & TextBox9.Text & "', '" &
TextBox10.Text & "', '" & TextBox11.Text & "', '" &
TextBox12.Text & "', '" & TextBox13.Text & "', '" &
TextBox14.Text & "', '" & TextBox15.Text & "', '" &
TextBox16.Text & "'  )"
                Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
                Dim DT As New DataTable
                DA.Fill(DT)
                Dim bs As New BindingSource
                bs.DataSource = DT
                DataGridView1.DataSource = DT
            Catch ex As Exception
                MsgBox("Error :" & ex.ToString)
            Finally

                OdbcKonek.Close()
            End Try
            MsgBox("Data Berhasil Disimpan")
        End Sub
        Private Sub ComboBox1_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox1.TextChanged
            Dim i, j As Integer
            Dim danip As String = ComboBox1.Text
            j = Len(ComboBox1.Text)
            i = 0
            While (danip(i) <> " ")
                i = i + 1
            End While
            nip = Mid(danip, 1, i)
            gapok()
            tuni()
            hitung_pajak()
        End Sub


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

    End Sub


End Class
```

4.10.9 Tampilan Jurnal Umum

Gambar 4. 28 Gambar Tampilan Jurnal Umum

Tabel 4. 27 Tabel Kode Program Jurnal Umum

Listing Program	Keterangan
| ```vbnet
Imports System.Data.Odbc
Public Class jurnal


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

        judultabel()
        tampiljurnal2()

    End Sub
    Sub judultabel()
        DataGridView1.ColumnCount = 6
        DataGridView1.Columns(0).Name = "Tanggal"
        DataGridView1.Columns(1).Name = "Nomor Bukti"
        DataGridView1.Columns(2).Name = "Ref"
        DataGridView1.Columns(3).Name = "Keterangan"
        DataGridView1.Columns(4).Name = " Debit"
        DataGridView1.Columns(5).Name = " Kredit"
    End Sub
    Sub tampiljurnal2()
        ' DataGridView1.Rows.Clear()
        Dim strSQL As String = "SELECT * from vju"
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        Dim i As Integer = 0

        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
``` | Kode Program Untuk Tampil Jurnal |

```vb
        If dr.HasRows Then
            While (dr.Read())
                DataGridView1.Rows.Add(dr.GetString(0),
dr.GetString(1), dr.GetString(2), dr.GetString(3),
dr.GetString(6), "0")
                DataGridView1.Rows.Add(" ", "",
dr.GetString(4), "    " & dr.GetString(5), "0",
dr.GetString(7))
            End While
        End If
        OdbcKonek.Close()
    End Sub

    Private Sub Button1_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button1.Click
        DataGridView1.Rows.Clear()
    End Sub
    Private Sub Button2_Click_1(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button2.Click
        bukubesar.ShowDialog()
    End Sub

    Private Sub Button3_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
        FormPembayaran.ShowDialog()
    End Sub

    Private Sub Button4_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs)
        FormPembayaran.ShowDialog()
    End Sub
    Private Sub Button3_Click_1(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button3.Click
        Dim a As New ju
        Dim b As New CetakJU
        b.CrystalReportViewer1.ReportSource = a
        b.ShowDialog()
    End Sub
End Class
```

4.10.10 Tampilan Buku Besar

Gambar 4. 29 Tampilan Buku Besar Kas Bendahara

Tabel 4. 28 Kode Program Buku Besar Kas Bendahara

Listing Program	Keterangan
| ```
Imports System.Data.Odbc
Public Class bukubesar
    Dim koakun As String
    Private Sub bukubesar_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        akun()
    End Sub
    Sub tampilbb()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "SELECT  tanggal, ref1
as ref,keterangan1 as keterangan, debet as debit, kredit
FROM vbb where ref2='" & koakun & "' "
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
    End Sub

    Sub akun()
        Me.ComboBox1.Items.Clear()
        Dim strSQL As String = "SELECT kode ,keterangan
FROM akun"
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
``` | Kode  Program Buku Besar |

```vbnet
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            While (dr.Read())
                ComboBox1.Items.Add(dr.GetString(0) & " |
" & dr.GetString(1))
            End While
        End If
        OdbcKonek.Close()
    End Sub
    Private Sub ComboBox1_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox1.TextChanged
        Dim i, j As Integer
        Dim dakode As String = ComboBox1.Text
        j = Len(ComboBox1.Text)
        i = 0
        While (dakode(i) <> " ")
            i = i + 1
        End While
        koakun = Mid(dakode, 1, i)
        kosongrbb()
        tampilrbb()
        tampilbb()
    End Sub
    Sub kosongrbb()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "truncate rbb"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
    Sub tampilrbb()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "insert into rbb
select * from vbb  where ref2='" & koakun & "' "
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
```

```
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
    End Sub
Private Sub Button1_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles Button1.Click
        Dim a As New bb
        Dim b As New CetakBB
        b.CrystalReportViewer1.ReportSource = a
        b.ShowDialog()
    End Sub
End Class
```

4.10.12 Tampilan 1721A2

Gambar 4. 30 Gambar 1721A2

Tabel 4. 29 Kode Progam 1721A2

Listing Program	Keterangan
| ```vbnet
Imports System.Data.Odbc
Public Class Form_Data_Pajak
    Dim kunci As String
    Dim nip, kodeslip, noktp, status As String
    Dim total As Long
    Dim pkp As Long
    Dim biayajab As Integer
    Dim iuran As Double
    Dim jumlahkurang As Long
    Dim ptkp As Long
    Dim totptkp As Long
    Dim nettosebulan As Long
    Dim nettosetahun As Long
    Dim pph As Long
    Dim sisapkp As Long
    Dim pph2 As Long
    Dim pph3 As Long
    Dim totpph As Double
    Dim pphsebulan As Double
    Dim progresif As Single
    Dim pribadi As Long
    Dim kawin As Long
    Dim tanggungan As Long
    Dim maxtanggungan As Integer
    Dim pkp1 As Long
    Dim tarif1 As Single
    Dim pkp2 As Long
    Dim tarif2 As Single
    Dim pkp3 As Long
    Dim tarif3 As Single
    Dim pkp4 As Long
    Dim tarif4 As Single
    Dim tahunkerja As Integer
    Dim bulankerja As Integer
    Dim kelamin As String
    Private Sub Form_Data_Pajak_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
MyBase.Load
        tahun()


    End Sub
    Sub tahun()
        Me.ComboBox1.Items.Clear()
        Dim strSQL As String = "SELECT year(tgl) from
tabel_slip group by year(tgl)"
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then

            While (dr.Read())
``` | Kode Program 1721A2 |

```vbnet
                ComboBox1.Items.Add(dr.GetString(0))
            End While

        End If
        OdbcKonek.Close()
    End Sub
    Sub tampildata()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "SELECT * from
view_slip where year(tgl) ='" & ComboBox1.Text & "'"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
    Sub hitung_tanggungan()
        Dim tanggung As Byte
        Dim strSQL As String = "SELECT count(no_ktp)as
tanggungan FROM `tabel_kk` WHERE no_ktp='" & noktp & "'
and Hubungan<>'istri' GROUP by no_ktp"
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            tanggung = dr.GetString(0)
            If tanggung > 3 Then
                tanggung = "3"
            End If
        Else
            tanggung = "0"
        End If
        OdbcKonek.Close()
        TextBox30.Text = tanggung
    End Sub

Private Sub ComboBox1_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ComboBox1.TextChanged
        tampildata()

    End Sub

    Private Sub DataGridView1_CellClick(ByVal sender As
System.Object, ByVal e As
```

```vb
System.Windows.Forms.DataGridViewCellEventArgs) Handles
DataGridView1.CellClick
        If DataGridView1.RowCount > 0 Then
            Try
                Dim baris As Integer
                baris = DataGridView1.CurrentRow.Index
                TextBox1.Text = DataGridView1.Item(3,
baris).Value
                TextBox2.Text = DataGridView1.Item(2,
baris).Value
                TextBox8.Text = DataGridView1.Item(5,
baris).Value
                TextBox9.Text = DataGridView1.Item(6,
baris).Value
                TextBox10.Text = DataGridView1.Item(7,
baris).Value
                TextBox11.Text = DataGridView1.Item(8,
baris).Value
                TextBox12.Text = DataGridView1.Item(11,
baris).Value
                TextBox13.Text = DataGridView1.Item(10,
baris).Value
                TextBox14.Text = DataGridView1.Item(9,
baris).Value
                TextBox15.Text = DataGridView1.Item(12,
baris).Value
                TextBox16.Text = DataGridView1.Item(13,
baris).Value
                TextBox17.Text = DataGridView1.Item(14,
baris).Value
                TextBox18.Text = DataGridView1.Item(15,
baris).Value
                TextBox19.Text = DataGridView1.Item(16,
baris).Value
                TextBox20.Text = DataGridView1.Item(17,
baris).Value
                TextBox21.Text = DataGridView1.Item(18,
baris).Value
                TextBox22.Text = DataGridView1.Item(19,
baris).Value
                TextBox23.Text = DataGridView1.Item(20,
baris).Value
                TextBox24.Text = DataGridView1.Item(21,
baris).Value
                TextBox25.Text = DataGridView1.Item(23,
baris).Value
                TextBox26.Text = TextBox25.Text
                hitung_tanggungan()
            Catch ex As Exception
            End Try
        End If
    End Sub


    Sub hitung_masa()
        Dim strSQL As String = "SELECT
min(month(tgl)),max(month(tgl)) from view_slip where
nip='" & TextBox2.Text & "'"
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
```

```vb
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            TextBox7.Text = Val(dr.GetString(0))
            TextBox31.Text = Val(dr.GetString(1))
        End If
    End Sub
    Sub datalengkap()
        Dim strSQL As String = "SELECT
alamat,golongan,jabatan,status,jenis_kelamin from
tabel_pegawai where nip= '" & TextBox2.Text & "'"
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader
        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()
        If dr.HasRows Then
            TextBox3.Text = dr.GetString(0)
            TextBox4.Text = dr.GetString(1)
            TextBox5.Text = dr.GetString(2)
            TextBox6.Text = dr.GetString(3)
        ElseIf dr.GetString(4) = "L" Then
            RadioButton2.Checked = True

        Else
            RadioButton1.Checked = True
        End If
    End Sub
    Sub kosong()
        Dim odbcKonek = New OdbcConnection(DsnKonek)
        Try
            odbcKonek.Open()
            Dim strSQL As String = "truncate data_SPt"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, odbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally

            odbcKonek.Close()
        End Try
    End Sub
    Sub simpan()
        Dim odbcKonek = New OdbcConnection(DsnKonek)
        Try
            odbcKonek.Open()
            Dim strSQL As String = "INSERT INTO data_spt
(NPWP_Bendahara,Nama_Bendahara,Alamat_Bendahara,Nama_P,NI
P,Alamat_P,Pangkat,Jabatan,status,JenisK,tanggungan,MP1,M
P2,gaji,tuni,tuna,jumlah_GTK,tuper,tunstruk,tunber,tunkhu
,tula,Jumlah_bruto,b_jabat,b_pen,jumlah_pengurang,jumlah_
netto,J_nettsetahun,ptkp,pkp_setahun,pph21_terutang,pph21
_terpotong,kurangpotong,lebihpotong,ket_pegawai)
```

```vb
VALUES('" & TextBox29.Text & "' , '" & TextBox32.Text &
"', '" & TextBox33.Text & "' , '" & TextBox1.Text & "' ,
'" & TextBox2.Text & "' , '" & TextBox3.Text & "' ,  '" &
TextBox4.Text & "', '" & TextBox5.Text & "', '" &
TextBox6.Text & "', '" & kelamin & "', '" &
TextBox30.Text & "','" & TextBox7.Text & "','" &
TextBox31.Text & "','" & TextBox8.Text & "','" &
TextBox9.Text & "','" & TextBox10.Text & "','" &
TextBox11.Text & "','" & TextBox12.Text & "','" &
TextBox13.Text & "','" & TextBox14.Text & "','" &
TextBox15.Text & "', '" & TextBox16.Text & "','" &
TextBox17.Text & "','" & TextBox18.Text & "','" &
TextBox19.Text & "','" & TextBox20.Text & "','" &
TextBox21.Text & "','" & TextBox22.Text & "','" &
TextBox23.Text & "','" & TextBox24.Text & "','" &
TextBox25.Text & "','" & TextBox26.Text & "', '" &
TextBox27.Text & "', '" & TextBox28.Text & "','" &
ComboBox2.Text & "' )"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, odbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally

            odbcKonek.Close()
        End Try
        MsgBox("data berhasil disimpan")
        tampildata()

    End Sub
rivate Sub TextBox2_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
TextBox2.TextChanged
        hitung_masa()

        datalengkap()

    End Sub

    Private Sub Button2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button2.Click
        kosong()
        simpan()
        Dim a As New CachedCrystal_Report11721A2
        Dim b As New CetakSPT


        b.CrystalReportViewer1.ReportSource = a
        b.Crystal_Report11721A22.Refresh()
        'b.CrystalReportViewer1.Refresh()
        b.ShowDialog()

    End Sub
```

Listing Program	Keterangan

```
End Class
```

4.10.13 Tampilan SSP

Gambar 4. 31 Form SSP

Tabel 4. 30 Kode Program Form SSP

Listing Program	Keterangan
| ```
Imports System.Data.Odbc
Public Class FormPembayaran
    Dim tanggal, bulanpic, tahunpic As String
    Private Sub Form2_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        ' tahun()
        tampil()
        DateTimePicker1.Value = Now
        TextBox2.Text = "Bambang Fitrianto"
        TextBox4.Text = "982391839131"
``` | Kode Program SSP |

```vbnet
    End Sub


    Sub lapor()

        tanggal = Format(DateTimePicker1.Value,
"yyyy/MM/dd")
        bulanpic = DateTimePicker1.Value.Month.ToString
        tahunpic = DateTimePicker1.Value.Year.ToString
        Dim strSQL As String = "SELECT
month(tgl),year(tgl),SUM(pph21sebulan) FROM tabel_slip
where month(tgl)= '" & bulanpic & "' and year(tgl) = '" &
tahunpic & "'group by month(tgl), year(tgl) "
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
        Dim dr As OdbcDataReader

        Dim dt As New DataTable
        OdbcKonek.Open()
        dr = cmd.ExecuteReader()


        If dr.HasRows Then
            dr.Read()

            TextBox3.Text = dr.GetString(2)

        Else
            MsgBox("data pada tahun ('" & tahunpic & "')
dan bulan('" & bulanpic & "')tidak ditemukan")
        End If
        OdbcKonek.Close()
    End Sub
    Sub jurnal()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Dim tanggal As String
        tanggal = Format(DateTimePicker1.Value,
"yyyy/MM/dd")

        Try
            OdbcKonek.Open()
            Dim strSQL As String = "INSERT INTO
tabel_jurnal(tanggal,nobukti,ref1,ref2,nominal) VALUES('"
& tanggal & "','" & TextBox1.Text & "','211','111','" &
TextBox3.Text & "')  "
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try

    End Sub
```

```vb
    'Sub cek()
    '     Dim strSQL As String = "SELECT * FROM
form_pembayaran where tahun= '" & ComboBox1.Text & "' "
    '     Dim OdbcKonek = New OdbcConnection(DsnKonek)
    '     Dim cmd As New OdbcCommand(strSQL, OdbcKonek)
    '     Dim dr As OdbcDataReader
    '     Dim dt As New DataTable
    '     OdbcKonek.Open()
    '     dr = cmd.ExecuteReader()
    '     If dr.HasRows Then
    '         MsgBox("Pajak Tahun '" & ComboBox1.Text &
"'sudah Dibayar...!!")
    '         TextBox1.Clear()
    '         TextBox2.Clear()
    '         TextBox3.Clear()
    '     Else
    '         simpan()
    '         jurnal()
    '     End If
    '     OdbcKonek.Close()
    'End Sub

    Sub formssp()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "INSERT INTO
form_pembayaran(nomor,NPWP,bendahara,tanggal,tahun,total)
VALUES('" & TextBox1.Text & "','" & TextBox4.Text & "','"
& TextBox2.Text & "', '" & tanggal & "', '" & tahunpic &
"', '" & TextBox3.Text & "' )"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
    End Sub

    Sub simpan()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "INSERT INTO
form_pembayaran(nomor,NPWP,bendahara,tanggal,tahun,total)
VALUES('" & TextBox1.Text & "','" & TextBox4.Text & "','"
& TextBox2.Text & "', '" & tanggal & "', '" & tahunpic &
"', '" & TextBox3.Text & "' )"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
```

```vb
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
    End Sub
    Sub tampil()
        Dim OdbcKonek = New OdbcConnection(DsnKonek)
        Try
            OdbcKonek.Open()
            Dim strSQL As String = "select * from
form_pembayaran"
            Dim DA As OdbcDataAdapter = New
OdbcDataAdapter(strSQL, OdbcKonek)
            Dim DT As New DataTable
            DA.Fill(DT)
            Dim bs As New BindingSource
            bs.DataSource = DT
            DataGridView1.DataSource = DT
        Catch ex As Exception
            MsgBox("Error :" & ex.ToString)
        Finally
            OdbcKonek.Close()
        End Try
    End Sub
    Sub kosong()

        TextBox1.Clear()
        TextBox2.Clear()
        TextBox3.Clear()
    End Sub


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


    End Sub

    Private Sub Button2_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
Button2.Click
        simpan()
        kosong()
        tampil()
        Dim a As New SSP
        Dim b As New CetakSSP
        b.CrystalReportViewer1.ReportSource = a
        b.ShowDialog()
    End Sub

    Private Sub DateTimePicker1_CloseUp(ByVal sender As
Object, ByVal e As System.EventArgs) Handles
DateTimePicker1.CloseUp
        lapor()
    End Sub
```

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```vbnet
    Private Sub DateTimePicker1_TextChanged(ByVal sender
As Object, ByVal e As System.EventArgs) Handles
DateTimePicker1.TextChanged


    End Sub

    Private Sub TextBox3_Click(ByVal sender As Object,
ByVal e As System.EventArgs) Handles TextBox3.Click
        'lapor()

    End Sub

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

    End Sub
End Class
```

4.11 Konversi Komponen Sistem

Berikut ini adalah komponen-komponen pada sistem informasi akuntansi PPh pasal 21 Pegawai:

4.11.1 Pengguna (*Brainware*)

Pengguna pada sistem dioperasikan oleh bagian kepegawaian, keuangan, bendahara.

4.11.2 Perangkat Keras (*Hardware*)

Perangkat keras yang diperlukan untuk penggunan sistem informasi akuntansi PPh pasal 21 pegawai adalah monitor, cpu dual core 2,0GHz, ram 4GB, Hardisk 10gb .

4.11.3 Perangkat Lunak (*Software*)

4.11.3.1 Perangkat Lunak Sistem

Perangkat lunak yang digunakan untuk menjalankan sistem informasi akuntansi PPh pasal 21 pegawai adalah windows 7 32/64bit.

4.11.3.2 Perangkat Lunak Pemrograman

Perangkat lunak pemrograman yang digunakan adalah Microsoft Visual Studio 2010.

4.11.3.3 Perangkat Lunak Aplikasi

Perangkat lunak aplikasi yang digunakan adalah XAMMP sebagai database.

4.1 Kelebihan dan Kekurangan Sistem Yang Diusulkan

4.12.1 Kelebihan Sistem

Kelebihan dari sistem informasi akuntansi PPh pasal 21 adalah sebagai berikut:

1. Proses Input data pegawai seperti golongan pegawai, gaji pegawai lebih mudah karena menggunakan database.
2. Perhitungan gaji, pajak, tunjangan sudah otomatis melalui sistem sehingga meminimalisir kesalahan.
3. Output Sistem berupa Laporan SPT, Jurnal Umum, Buku Besar.

4.12.2 Kelemahan Sistem

Kelemahan dari sistem informasi akuntansi PPh Pasal 21 adalah sebagai berikut:

1. Tunjangan Pegawai wajib diisi walaupun jika nilainya 0 (nol).
2. Sistem ini membutuhkan memori berukuran besar karena mempunyai banyak database.
3. Pada Sistem ini tidak tersedia fitur kurang bayar pajak karena transaksi pemotongan pajak bersifat rutin setiap bulan dan otomatis terpotong nominalnya.