3.1.1. Prosesu Halo Data Base
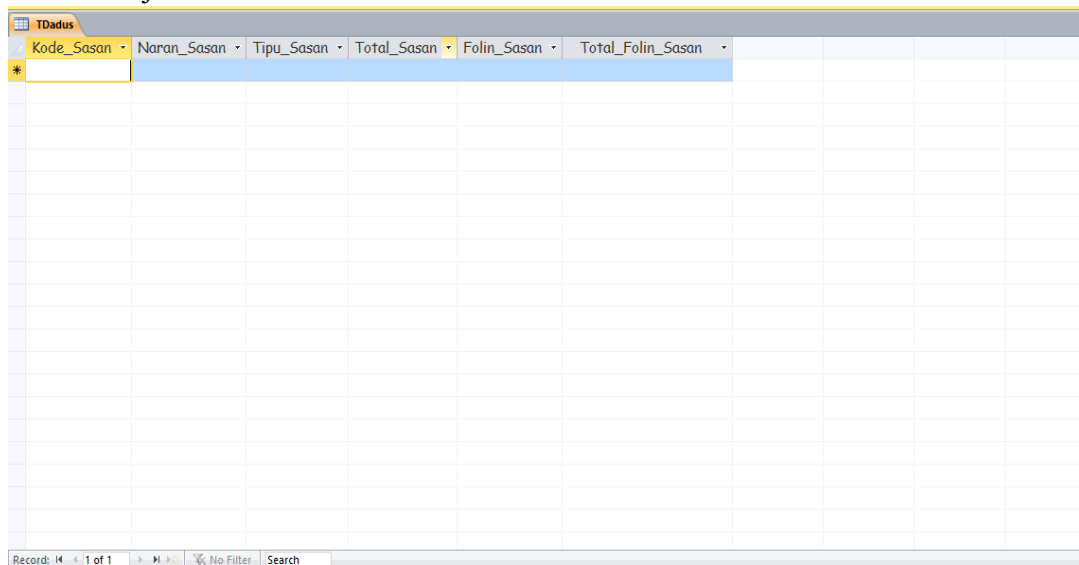
1. Halo uluk Database Iha Microsoft Access Uza Tipu, *Microsoft Access Databases(2002-2003 format).*

2. Tau Database Naran *Dadus Kasir.*

Cuption	Tipu	Font Size
Kode_Sasan	Text	8
Naran_Sasan	Text	30
Tipu_Sasan	Text	25
Total_Sasan	Number	5
Folin_Sasan	Currency	-------------
Total_Folin_Sasan	Currency	-------------

3. Tabel Naran tau *TDadus.*

4. Mak hanesan janela ida iha kraik ne'e :

3.1.1.1 Imagem Form Tabel Database iha MS.Access

Kolega sira keta haluha atu save Database ho aplikasaun iha fatin ida deit/folder ida deit.

3.1.2. Prosesu Halo Aplikasaun

Halo Form Hatama Dadus

1. Ita loke uluk aplikasaun *Microsoft Visual Basic 6.0*

2. Ita Hili *Standard EXE* no Depois, Ita*Klik Open*

3. Ita halo uluk Hatama dadus nian iha *form1* :

1. Ita dezenhu tuir modelu hanesan iha janela kraik nee….

Object	Properties	Valor
Form1	Cuption Border Style Back Color	Hatama Dadus 1 – Fixed Single &H0000FF00&
Menu	Cuption Name	Menu Mnu
Sub Menu	Cuption Name	Fila Mnufila
	Cuption Name	Ajuda MnuAjuda
	Cuption Name	Sai Mnusai
Image1	Picture Strech	Tau foto qualker deit True
Label1	Cuption Back Style Font Font Style Size	Kode Sasa 0-Transparant Comic Sans MS Bold 8
Label2	Cuption Back Style Font Font Style Size	Naran Sasan 0-Transparant Comic Sans MS Bold 8
Label3	Cuption Back Style Font Font Style Size	Tipu Sasan 0-Transparant Comic Sans MS Bold 8
Label4	Cuption Back Style Font Font Style Size	Total Sasan 0-Transparant Comic Sans MS Bold 8
Label5	Cuption Back Style Font Font Style Size	Folin Sasan 0-Transparant Comic Sans MS Bold 8
Label6	Cuption	Total Folin Sasan

	Back Style Font Font Style Size	0-Transparant Comic Sans MS Bold 8
Label7	Cuption Back Style Font Font Style Size	Dadus 0-Transparant Comic Sans MS Bold 16
Text1	Text Border Style Appearence Font Font Style Size	1-Fixed Single 0-Flat Comic Sans MS Reguler 8
Text2	Text Border style Appearence Font Font Style Size	1-Fixed Single 0-Flat Comic Sans MS Reguler 8
Text3	Text Border style Appearence Font Font Style Size	1-Fixed Single 0-Flat Font Font Style Size
Text4	Text Border style Appearence Font Font Style Size	1-Fixed Single 0-Flat Font Font Style Size
Text5	Text Border style Appearence Font Font Style Size	1-Fixed Single 0-Flat Font Font Style Size
Combo1	Text	-----------------------------------
Adodc1	Cuption	Dadus
Datagrid	Data Source	Data Enviroment
Comand1	Cuption Style Back Color	Sura 1-Graphical &H00FFFF00&
Comand2	Cuption Style Back Color	Rai 1-Graphical &H00FFFF00&
Comand3	Cuption	Hamos

	Style	1-Graphical
	Back Color	&H00FFFF00&
Comand4	Cuption	Sura
	Style	1-Graphical
	Back Color	&H00FFFF00&

Dezeñu Form Hata Dadus tuir Janela iha kraik ne'e :

3.1.2.1 Imagem Form Hatama Dadus

Kodiku mak hanesan tuir mai ne'e :

- Kodiku Sura
  Private Sub Command1_Click()
  *Text5.Text = Val(Text3.Text) * Val(Text4.Text)*
  End Sub

- Kodiku Rai
  Private Sub Command2_Click()
  If Text1.Text = "" Or Text2.Text = "" Then
  MsgBox " Dadus Seidauk Kompletu ", vbCritical, "INFORMASAUN"
  Else
  If Combo1.Text = "" Then
  MsgBox "Tipu_Sasan Seidauk Hili", vbCritical, "INFORMASAUN"
  Combo1.SetFocus
  Else
  If Text3.Text = "" Then
  MsgBox "Total Sasan Seidauk Priense", vbCritical, "INFORMASAUN"
  Text3.SetFocus
  Else
  If Text4.Text = "" Then
  MsgBox "Folin Sasan Seidauk Priense", vbCritical, "INFORMASAUN"
  Text4.SetFocus

Else
If Text5.Text = "" Then
MsgBox "Total Folin Sasan seidauk sura", vbCritical, "INFORMASAUN"
Text5.SetFocus
Else
With Adodc1.Recordset
        .Find "Kode_Sasan='" + Text1.Text + "'", , adSearchForward, 1
        If .EOF Then
                .AddNew
!Kode_Sasan = Text1.Text
!Naran_Sasan = Text2.Text
!Tipu_Sasan = Combo1.Text
!Total_Sasan = Text3.Text
!Folin_Sasan = Text4.Text
!Total_Folin_Sasan = Text5.Text
            .Update
            MsgBox "Dadus rai tiha ona!", vbInformation, "Rai: Susesu"

            Exit Sub
        Else
            MsgBox "Kode Sasan iha ona!", vbCritical, " INFORMASAUN "
            Text1.SetFocus
            Exit Sub
         End If
End With
DataGrid1.Refresh
        Text1.Text = ""
        Text2.Text = ""
        Combo1.Text = ""
        Text3.Text = ""
        Text4.Text = ""
        Text5.Text = ""

End If
End If
End If
End If
End If
End Sub

- Kodiku Hamos
  Private Sub Command3_Click( )
  grupo = MsgBox("Ita hakarak Hamos Dadus", vbQuestion + vbYesNo, "Informasaun")
  If grupo = vbYes Then

  Adodc1.Recordset.Delete
  Adodc1.Recordset.Update

```
   Text1.Text = ""
  Text2.Text = ""
  Combo1.Text = ""
  Text3.Text = ""
  Text4.Text = ""
  Text5.Text = ""

End If
End Sub
```

- Kodiku Modifika/Edit
```
Private Sub Command4_Click()
 If Text1.Text = "" Or Text2.Text = "" Or Combo1.Text = "" Then
      MsgBox " Hili Uluk Dadus ", vbDefaultButton1, "INFO"
    Else

      With Adodc1.Recordset
!Kode_Sasan = Text1.Text
!Naran_Sasan = Text2.Text
!Tipu_Sasan = Combo1.Text
!Total_Sasan = Text3.Text
!Folin_Sasan = Text4.Text
!Total_Folin_Sasan = Text5.Text

       .Update
     MsgBox " Dadus Modifika Tiha Ona", vbInformation, "INFO"
     End With
      Text1.Text = ""
 Text2.Text = ""
 Combo1.Text = ""
 Text3.Text = ""
 Text4.Text = ""
 Text5.Text = ""
 Command2.Enabled = True
    End If
End Sub
```

-Kodiku Aumenta
```
Private Sub Command5_Click()
Text1.Text = ""
Text2.Text = ""
Combo1.Text = ""
Text3.Text = ""
Text4.Text = ""
Text5.Text = ""
Command2.Enabled = True
End Sub
```

- Kodiku Form :
```
Private Sub Form_Load()
Combo1.AddItem "Unidade"
Combo1.AddItem "Box"
End Sub
```

- Kodiku MnuAjuda
```
Private Sub MnuAjuda_Click()
MsgBox ("Wainhira ita hatama dadus entaun iha Kode Sasan Labele Tau Letra, No iha Total
Sasan, Folin Sasan, total folin sasan labele uza letra uza hotu numeru, no iha Naran sasan
no tipu sasan mak uza letra, mak ne deit obrigadu/a"), vbInformation, "Ajuda...!"
End Sub
```

- Kodiku MnuFila
```
Private Sub Mnufila_Click()
Form3.Show
Form1.Visible = False
End Sub
```

- Kodiku MnuSai
```
Private Sub Mnusai_Click()
grupu3= MsgBox("ITA HAKARAK DUNIK ATU TAKA PROGRAMA NE'E ???", vbQuestion
+ vbYesNo, "INFORMASAUN")
If grupu3 = vbYes Then
End
End If
End Sub
```

- Kodiku DataGrid :
```
Private Sub DataGrid1_Click()
Text1.Text = DataGrid1.Columns(0).Text
Text2.Text = DataGrid1.Columns(1).Text
Combo1.Text = DataGrid1.Columns(2).Text
Text3.Text = DataGrid1.Columns(3).Text
Text4.Text = DataGrid1.Columns(4).Text
Text5.Text = DataGrid1.Columns(5).Text
Command2.Enabled = False
End Sub
```

- Kodiku text1 :
```
Private Sub Text1_Change()
If Not IsNumeric(Text1.Text) Then
   Text1.Text = ""
   Text1.SelStart = Len(Text1.Text)
    Exit Sub
```

End If
End Sub

- Kodiku Text3 :
  Private Sub Text3_Change()
  If Not IsNumeric(Text3.Text) Then
     Text3.Text = ""
     Text3.SelStart = Len(Text3.Text)
     Exit Sub
  End If
  End Sub

- Kodiku text4 :
  Private Sub Text4_Change()
  If Not IsNumeric(Text4.Text) Then
     Text4.Text = ""
     Text4.SelStart = Len(Text4.Text)
     Exit Sub
  End If
  End Sub

- Kodiku text5
  Private Sub Text5_Change()
  If Not IsNumeric(Text5.Text) Then
     Text5.Text = ""
     Text5.SelStart = Len(Text5.Text)
     Exit Sub
  End If
  End Sub

2. Tuir mai ita kria tan Fom Aplikasaun Kasir ka Bolu Menu Principal tuir janela iha kraik ne'e :

Objectu	Properties	Valor
Form2	Cuption	Aplikasaun Kasir
	Border Style	1-Fixed Single
Image1	Picture	Tau Foto konforme
	Stretch	True
Menu	Cuption	File
	Name	MnuFile
Sub Menu	Cuption	Ajuda
	Name	MnuAjuda
	Cuption	Sai
	Name	MnuSai
Menu	Cuption	Dokumentos
	Name	MnuDk
Sub Menu	Cuption	Hatama Dadus
	Name	MnuHD
	Cuption	Relatoriu
	Name	MnuRT

1.1.2.2. Imagem Menu Principal Aplikasaun Kasir

- Kodiku

Private Sub MnuAjuda_Click()
MsgBox "Ita Atu Hatama Dadus ka hare Relatotiu ita klik iha Dokumentus hodi hili" _
& vbNewLine & "Ita atu Sai no atu husu Ajuda ita klik iha Menu hodi Hili...Obrigadu/a!!",
vbInformation, "Informasaun!!"
End Sub
Private Sub MnuRT_Click()
DataReport1.Show
DataReport1.Refresh
End Sub

Private Sub MnuHD_Click()
Form1.Show
Form2.Visible = False
End Sub

Private Sub MnuSai_Click()
grupu3 = MsgBox("ITA HAKARAK DUNIK ATU TAKA PROGRAMA NE'E ???",
vbQuestion + vbYesNo, "INFORMASAUN")
If grupu3 = vbYes Then
End
End If
End Sub

Ita halo uluk koneksaun database ho DataEnviroment mak hanesan iha janela kraik ne'e

1. Loke DataEnviroment
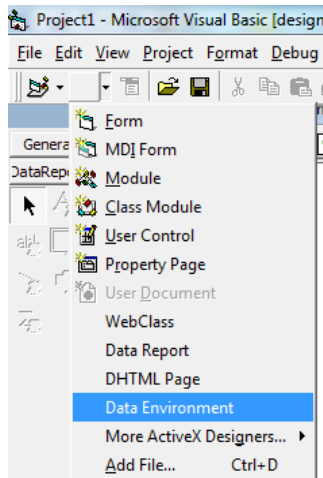
3.1.2.3 Imagem Processu loke Data Enviroment

2. Klik Liman karuk iha Connection1 no hili Properties
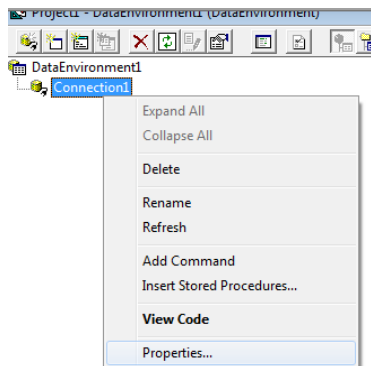
3.1.2.4 Imagem Loke Connection1 nia Properties…

3. Tuir mai it aba klik iha brows atu nu'une hili iha nia database mak hanesan iha kraik ne'e :
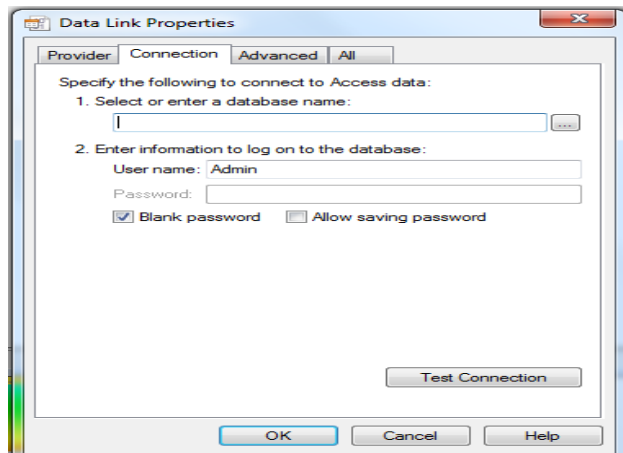
3.1.2.5 Imagem halo Koneksaun ba MS.Access

4. Hili hotu ona ita koko koneksaun mak hanesan iha kraik ne'e , koneksaun hotu ita klik OK :
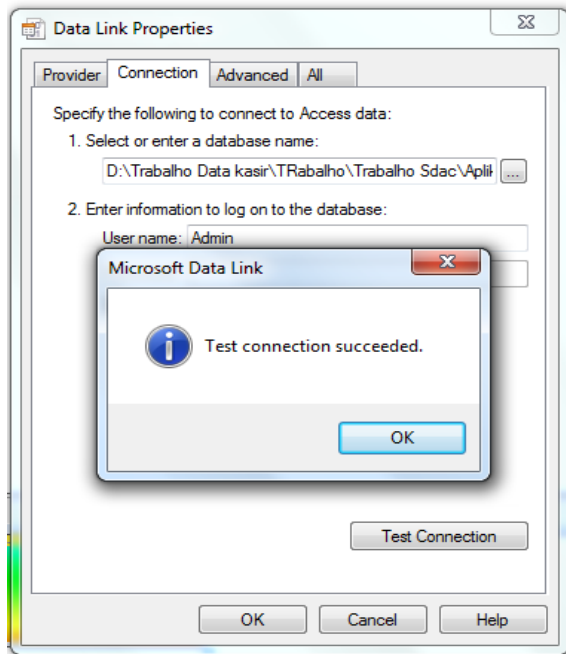
3.1.2.6 Imagem Halo Koneksauk ba iha MS.Access ho Secessu

5. Tuir mai ita klik liman karuk iha koneksaun no ita hili Add Command mak hanesan iha janela kraik ne'e :
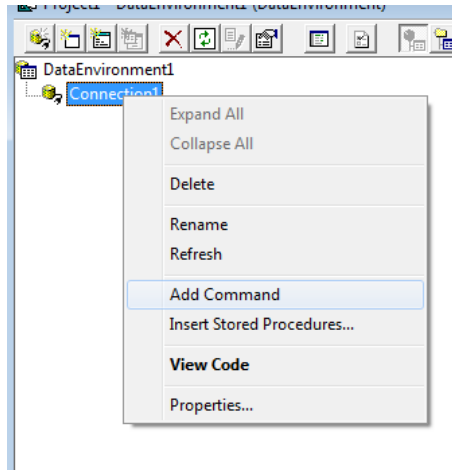
3.1.2.7 Imagem Add Command iha Data Enviroment

6. Depois de Add Command tuir mai ita klik liman karuk iha command1 no ita hili properties, mak hanesan iha janela kraik ne'e :
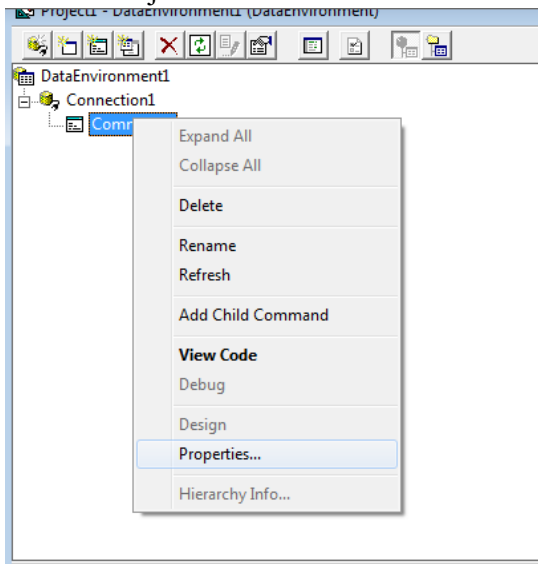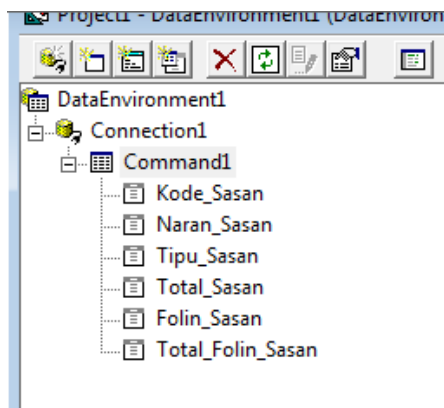

3.1.2.8 Imagem Loke Properties Command iha Data Enviroment nian

7. Tuir mai ita Database Object ita hili *Table* no Object Name ita hili *TDadus* depois klik Apply de pois OK mak hanesan iha janela kraik ne'e :
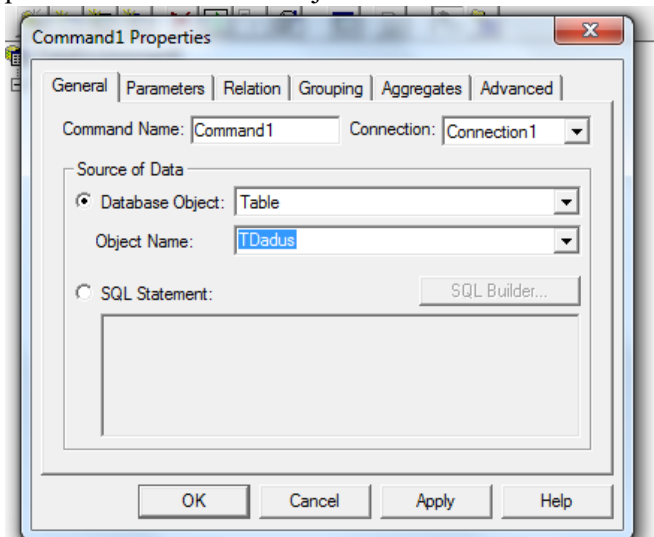
3.1.2.9 Imagem Command1 nia Properties

3.1.2.10 Imagem Fil fil iha Command1 iha Data Enviroment

2.   Tuir mai Dezeñu relatoriu tuir janela iha kraik ne'e :

Objectu	Properties	Valor
DataReport1	Cuption	Relatoriu
	Data Member	Command1
	Data Source	DataEnviroment
Label1	Cuption	Ministerio do Comercio e Industria
	Font	Comic Sans MS
Label2	Cuption	Companhia Group3.LDA
	Font	Comic Sans MS
Label3	Cuption	Relatoriu Dadus Sasan
	Font	Comic Sans MS
Label4	Cuption	Responsavel Tecnico
	Font	Comic Sans MS
Label5	Cuption	(..)
Label6	Cuption	Diretor da Companhia
	Font	Comic Sans MS
Label7	Cuption	(..)
Label8	Cuption	Data :
Current Date (Long Format)	Cuption	%d
Current Page Number	Cuption	%p

3.1.2.11 Imagem Form Relatoriu

3.   Tuir mai ita dezeña tan Form login mak hanesan iha janela kraik :

Object	Properties	Valor
Form Login	Cuption Back Color	Login &H0000FF00&
lblLabels	Cuption Font BackStyle	User Name Comic Sans MS 0 – Transparant
lblLabels	Cuption Font BackStyle	Password Comic Sans MS 0 – Transparant
cmdOK	Cuption Font	OK Comic Sans MS
cmdCancel	Cuption Font	Cancel Comic Sans MS
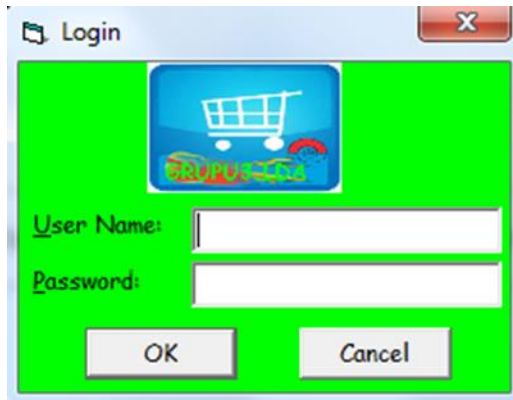
3.1.2.12 Imagem Form Login
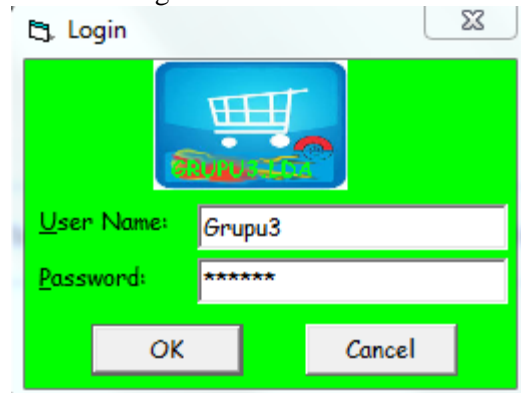
Kodiku cmdOK :

```
Private Sub cmdOK_Click()
    'check for correct password
    If txtPassword = "grupu3" Then
        'place code to here to pass the
        'success to the calling sub
        'setting a global var is the easiest
        LoginSucceeded = True
        Me.Hide
        Form2.Show
    Else
        MsgBox "Password Sala, Koko Fila Fali!", , "Login"
        txtPassword.SetFocus
         txtPassword = ""

    End If
End Sub
```

Kodiku cmdCancel :

```
Private Sub cmdCancel_Click()
    'set the global var to false
    'to denote a failed login
    LoginSucceeded = False
    Me.Hide
End Sub
```

3.1.3 Rejultadu
- FormLogin :

3.1.3.1 Imagem Resultadu Form Login
- Menu Principal

3.1.3.2 Imagem Resultadu Form Menu Principal

- Form Hatama Dadus

3.1.3.3 Imagem Resultadu Form Hatama Dadus

- Form Relatoriu

3.1.3.4 Imagem Resultadu Form Relatoriu