LAMPIRAN A
TAMPILAN ANTARMUKA

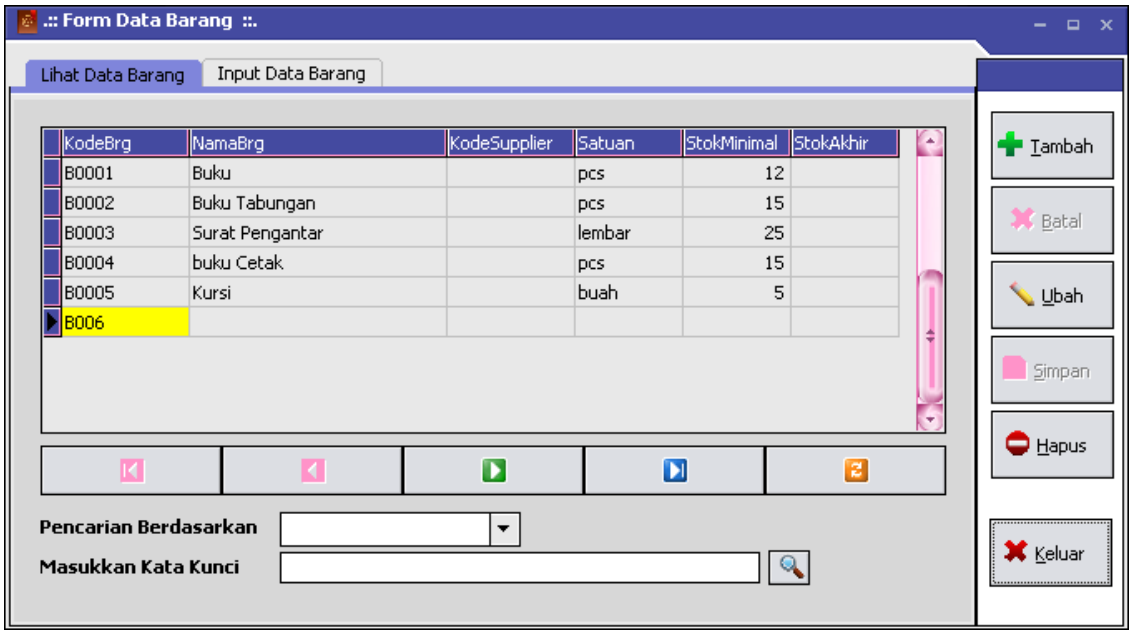
1. Tampilan Login



2. Tampilan Menu Utama

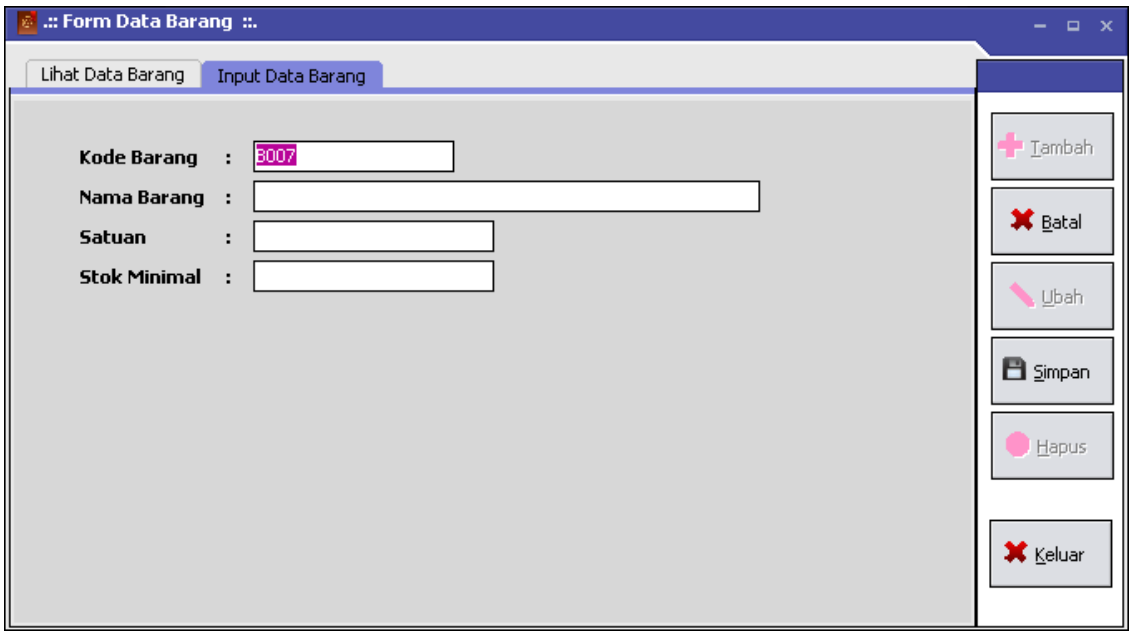


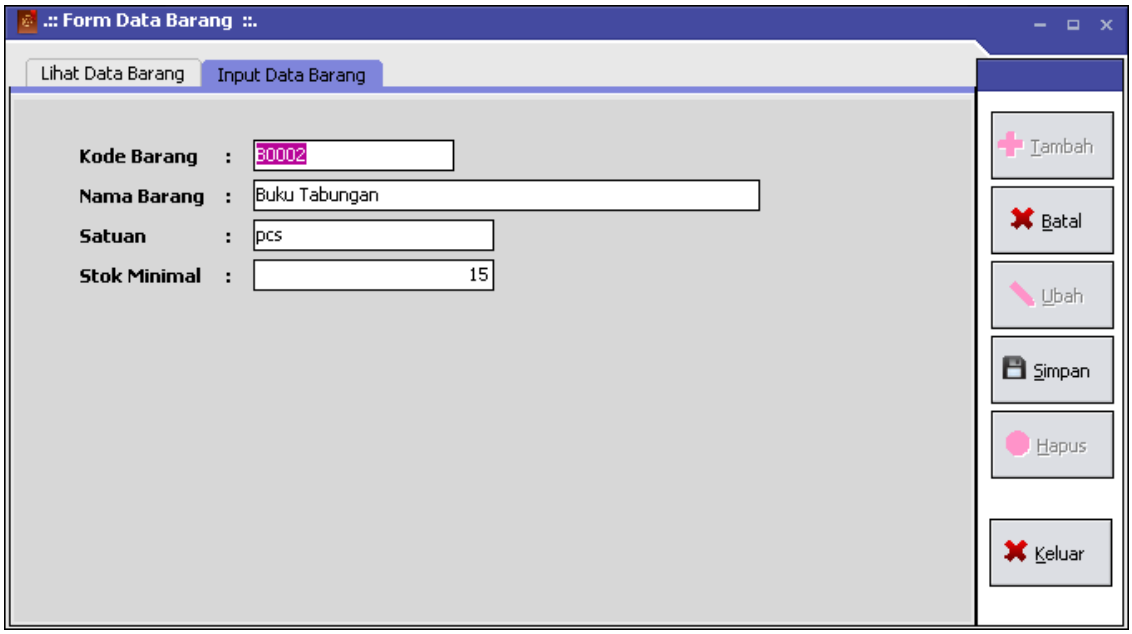
3. Tampilan Pengolahan Data Barang



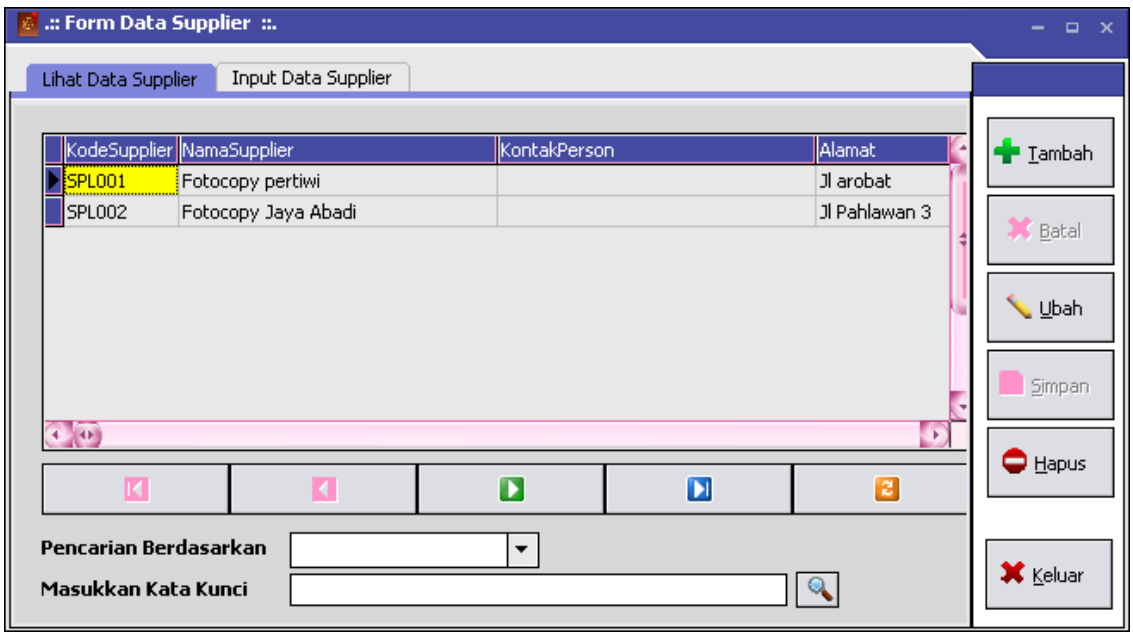
4. Tampilan Tambah dan Ubah Data Barang

Tambah Barang

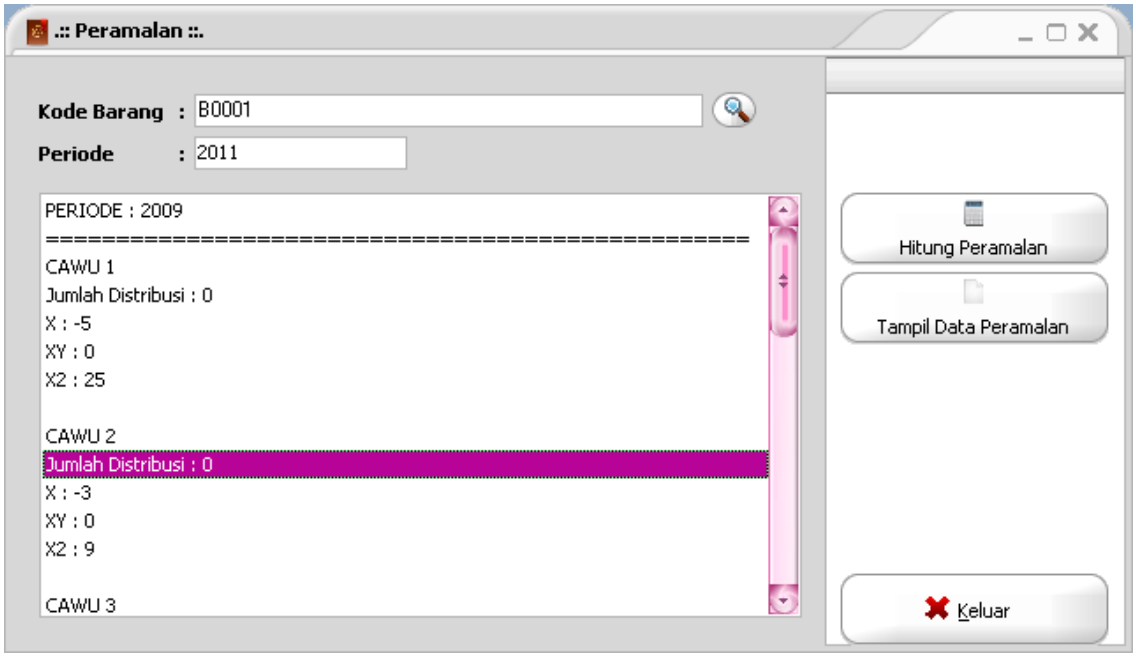




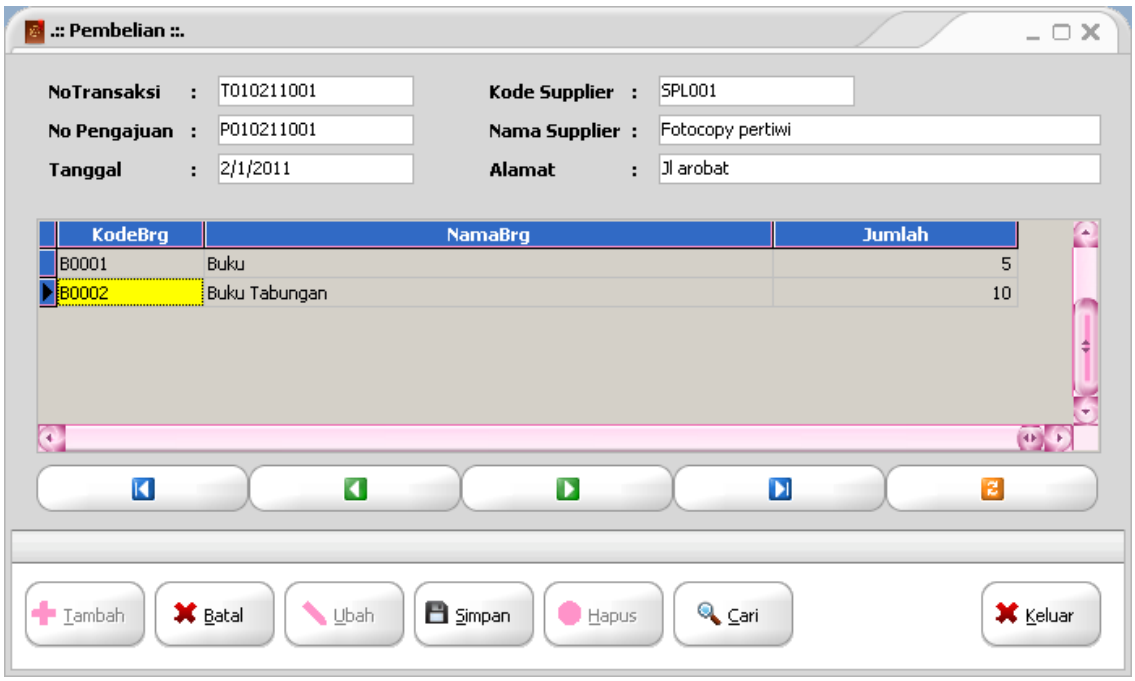
5. Tampilan Pengolahan Data Supplier



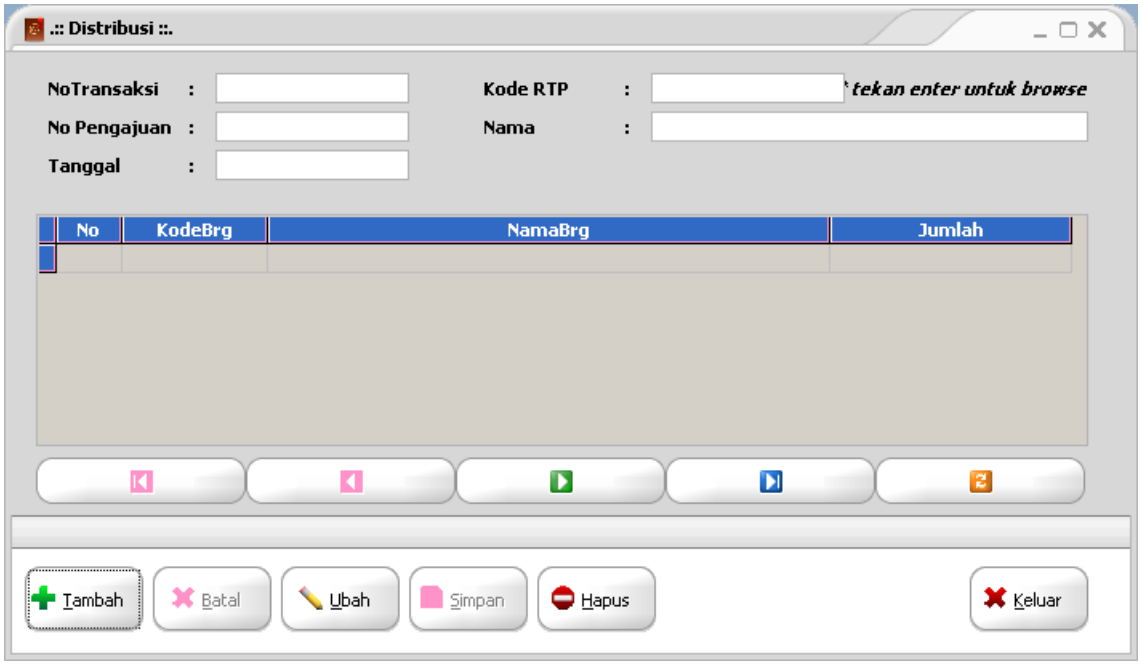
6. Tampilan Hitung Peramalan



7. Tampilan Pengolahan Data Pembelian



8. Tampilan Data Pendistribusian



LAMPIRAN B
LISTING PROGRAM

```
unit ULogin;


interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, ExtCtrls, SUIForm, StdCtrls, SUIEdit, SUIButton,SnsUtils,
  DBCtrls, JvGIF, SUIImagePanel, jpeg;

type
  TFLogin = class(TForm)
    suiForm1: TsuiForm;
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    edUser: TsuiEdit;
    edPass: TsuiEdit;
    suiButton1: TsuiButton;
    suiButton2: TsuiButton;
    DBText1: TDBText;
    DBText2: TDBText;
    DBText3: TDBText;
    DBText4: TDBText;
    suiImagePanel1: TsuiImagePanel;
    procedure suiButton1Click(Sender: TObject);
    procedure edUserKeyPress(Sender: TObject; var Key: Char);
    procedure edPassKeyPress(Sender: TObject; var Key: Char);
    procedure suiButton2Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
    procedure SetMenu;
  end;

var
  FLogin: TFLogin;
  Login:String;

implementation

uses UUtama,UDM;

{$R *.dfm}

procedure TFLogin.suiButton1Click(Sender: TObject);
begin
  //
  dm.QCampur.Close;
  dm.QCampur.SQL.Text:='select * from user where IDUser='+QuotedStr(edUser.Text)+' ';
  dm.QCampur.Open;
  if dm.QCampur.RecordCount > 0 then
  begin
    dm.QCampur2.Close;
    dm.QCampur2.SQL.Text:='select * from user where IDUser='+QuotedStr(edUser.Text)+' and
Password='+QuotedStr(edPass.Text)+'';
    dm.QCampur2.Open;
    if dm.QCampur2.RecordCount=0 then
    begin
```

```
    Warning('Maaf Password Salah');
    edPass.Clear;
    edPass.SetFocus;
   end
   else begin
    //Information('Login Berhasil');
    FUtama.SetMenuUtama(True);
    SetMenu;
    FUtama.suiStatusBar1.Panels[1].Text:=dm.QCampur.Fields[1].AsString;
    Login:=dm.QCampur.Fields[0].AsString;
    edUser.Clear;
    edPass.Clear;
    FUtama.Timer1.Enabled:=True;
    Futama.showmodal;
   end;
  end
  else begin
   MessageDlg('Maaf Data ID User Tidak Ditemukan ',mtWarning,[mbok],0);
   FUtama.SetMenuUtama(False);
   edUser.Clear;
   edPass.Clear;
   edUser.SetFocus;
  end;
end;

procedure TFLogin.SetMenu;
begin
 //
 dm.QCampur.Close;
 dm.QCampur.SQL.Text:='select * from bagian where
KodeBagian='+QuotedStr(dm.Qcampur2.FieldByName('Bagian').AsString)+'';
 dm.QCampur.Open;
 if dm.QCampur.IsEmpty=false then
 begin
  if dm.QCampur.FieldByName('DataBarang').AsBoolean=True then
   FUtama.DataBarang1.Visible:=True
  else FUtama.DataBarang1.Visible:=False;
  if dm.QCampur.FieldByName('DataSupplier').AsBoolean=True then
   FUtama.DataSupplier1.Visible:=True
  else FUtama.DataSupplier1.Visible:=False;
  if dm.QCampur.FieldByName('DataBagian').AsBoolean=True then
   FUtama.DataRTP1.Visible:=True
  else FUtama.DataRTP1.Visible:=False;
  {if
(dm.QCampur.FieldByName('DataBarang').AsBoolean=False)and(dm.QCampur.FieldByName('DataSupplier').AsBool
ean=False)and(dm.QCampur.FieldByName('DataBagian').AsBoolean=False) then
   FUtama.DataMaster1.Enabled:=False
  else FUtama.DataMaster1.Enabled:=True;}
  //Transaksi
  if dm.QCampur.FieldByName('Pembelian').AsBoolean=True then
   FUtama.Pembelian1.Visible:=True
  else FUtama.Pembelian1.Visible:=False;
  if dm.QCampur.FieldByName('Pendistribusian').AsBoolean=True then
   FUtama.Pendistribusian1.Visible:=True
  else FUtama.Pendistribusian1.Visible:=False;
  if dm.QCampur.FieldByName('PengajuanPembelian').AsBoolean=True then
   FUtama.PengajuanPembelianBarang1.Visible:=True
  else FUtama.PengajuanPembelianBarang1.Visible:=False;
  if dm.QCampur.FieldByName('PengajuanDistribusi').AsBoolean=True then
   FUtama.PengajuanPendistribusianBarang1.Visible:=True
  else FUtama.PengajuanPendistribusianBarang1.Visible:=False;
```

```
   if dm.QCampur.FieldByName('Peramalan').AsBoolean=True then
     FUtama.MetodeSeasonal1.Visible:=True
   else FUtama.MetodeSeasonal1.Visible:=False;
   {if
(dm.QCampur.FieldByName('Pembelian').AsBoolean=False)and(dm.QCampur.FieldByName('Pendistribusian').AsBoo
lean=False)and(dm.QCampur.FieldByName('PengajuanPembelian').AsBoolean=False)and(dm.QCampur.FieldByNam
e('PengajuanDistribusi').AsBoolean=False)and(dm.QCampur.FieldByName('Peramalan').AsBoolean=False) then
     FUtama.ransaksi1.Enabled:=False
   else FUtama.ransaksi1.Enabled:=True;}
   //Laporan
   if dm.QCampur.FieldByName('Laporan').AsBoolean=True then
     FUtama.Laporan1.Enabled:=True
   else FUtama.Laporan1.Enabled:=False;
   //User
   if dm.QCampur.FieldByName('DataUser').AsBoolean=True then
     FUtama.DataUser1.Enabled:=True
   else FUtama.DataUser1.Enabled:=False;
 end;
end;

procedure TFLogin.edUserKeyPress(Sender: TObject; var Key: Char);
begin
 PerformEnter(Key,Self);
end;

procedure TFLogin.edPassKeyPress(Sender: TObject; var Key: Char);
begin
 PerformEnter(Key,Self);
end;

procedure TFLogin.suiButton2Click(Sender: TObject);
begin
 //
 FUtama.SetMenuUtama(False);
 FUtama.suiStatusBar1.Panels[1].Text:='';
 FUtama.Timer1.Enabled:=True;
 edUser.Clear;
 edPass.Clear;
 Application.Terminate;
end;

end.
unit UUtama;

interface

uses
 Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
 Dialogs, Menus, SUIMainMenu, SUIMgr, ExtCtrls, SUIForm, ImgList,
 ComCtrls, SUIStatusBar, SUIImagePanel, StdCtrls, DBCtrls, frxClass,
 frxDBSet, jpeg;

type
 TFUtama = class(TForm)
   suiFileTheme1: TsuiFileTheme;
   suiMainMenu1: TsuiMainMenu;
   File1: TMenuItem;
   Login1: TMenuItem;
   Logout1: TMenuItem;
   N1: TMenuItem;
   Keluar1: TMenuItem;
```

```
DataMaster1: TMenuItem;
DataBarang1: TMenuItem;
DataSupplier1: TMenuItem;
N2: TMenuItem;
ransaksi1: TMenuItem;
Pembelian1: TMenuItem;
Pendistribusian1: TMenuItem;
Laporan1: TMenuItem;
Logout2: TMenuItem;
ImageList1: TImageList;
Timer1: TTimer;
N3: TMenuItem;
User1: TMenuItem;
RubahPassword1: TMenuItem;
LaporanMetodeSeasonal1: TMenuItem;
LaporanPembelian1: TMenuItem;
LaporanPendistribusian1: TMenuItem;
PengajuanPendistribusianBarang1: TMenuItem;
PengajuanPembelianBarang1: TMenuItem;
MetodeSeasonal1: TMenuItem;
FrxBarang: TfrxReport;
frxDBDataset1: TfrxDBDataset;
frxKonsumen: TfrxReport;
frxDBDataset2: TfrxDBDataset;
frxSupplier: TfrxReport;
frxDBDataset3: TfrxDBDataset;
LaporanDataBarang1: TMenuItem;
LaporanDataSupplier1: TMenuItem;
LaporanDataRTP1: TMenuItem;
N4: TMenuItem;
frxDBDataset4: TfrxDBDataset;
DataRTP1: TMenuItem;
DataUser1: TMenuItem;
suiForm1: TsuiForm;
suiStatusBar1: TsuiStatusBar;
suiPanel1: TsuiPanel;
Image2: TImage;
DBText1: TDBText;
DBText2: TDBText;
DBText3: TDBText;
DBText4: TDBText;
Image1: TImage;
procedure Timer1Timer(Sender: TObject);
procedure Login1Click(Sender: TObject);
procedure Logout1Click(Sender: TObject);
procedure Keluar1Click(Sender: TObject);
procedure FormShow(Sender: TObject);
procedure DataBagian1Click(Sender: TObject);
procedure DataSupplier1Click(Sender: TObject);
procedure DataBarang1Click(Sender: TObject);
procedure Pembelian1Click(Sender: TObject);
procedure User1Click(Sender: TObject);
procedure PengajuanPembelianBarang1Click(Sender: TObject);
procedure PengajuanPendistribusianBarang1Click(Sender: TObject);
procedure Pendistribusian1Click(Sender: TObject);
procedure MetodeSeasonal1Click(Sender: TObject);
procedure DataUser1Click(Sender: TObject);
procedure LaporanDataBarang1Click(Sender: TObject);
procedure LaporanDataSupplier1Click(Sender: TObject);
procedure LaporanDataRTP1Click(Sender: TObject);
procedure LaporanPembelian1Click(Sender: TObject);
```

```
    procedure FormClose(Sender: TObject; var Action: TCloseAction);
    procedure LaporanPendistribusian1Click(Sender: TObject);
    procedure LaporanMetodeSeasonal1Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
    Procedure SetMenuUtama(BnX:Boolean);
  end;

var
  FUtama: TFUtama;

implementation

uses ULogin,UDM, UBagian, USupplier, UBarang, UBeli, UUser,UUser2,ULaporan,
  UPengajuanPembelian, UPengajuanDistribusi, UDistribusi, UPeramalan,ULapPeramalan;

Procedure TFUtama.SetMenuUtama(BnX:Boolean);
begin
  //
  FUtama.Login1.Enabled:=not BnX;
  FUtama.Logout1.Enabled:=BnX;
  FUtama.DataBarang1.Enabled:=BnX;
  FUtama.DataMaster1.Enabled:=BnX;
  FUtama.DataRTP1.Enabled:=BnX;
  FUtama.Pembelian1.Enabled:=BnX;
  FUtama.Pendistribusian1.Enabled:=BnX;
  //FUtama.PeramalanBarang1.Enabled:=BnX;
  FUtama.Laporan1.Enabled:=BnX;
  FUtama.ransaksi1.Enabled:=BnX;
  FUtama.User1.Enabled:=BnX;
  FUtama.RubahPassword1.Enabled:=BnX;
  FUtama.Logout2.Enabled:=BnX;
end;

{$R *.dfm}

procedure TFUtama.Timer1Timer(Sender: TObject);
begin
  {if suiStatusBar1.Panels[1].Text='' then
  begin
    Timer1.Enabled:=False;
    FLogin.ShowModal;
    //FLogin.edUser.SetFocus;
  end
  else Timer1.Enabled:=True;}
  suiStatusBar1.Panels[2].Text:=FormatDateTime('dddd, dd MMMM yyyy hh:mm:ss',Now);
end;

procedure TFUtama.Login1Click(Sender: TObject);
begin
  //
  Hide;
  FLogin.showmodal;
end;

procedure TFUtama.Logout1Click(Sender: TObject);
begin
  //
  if MessageDlg('Apakah Anda Yakin Akan Logout',mtConfirmation,[mbyes,mbno],0)=mrYes then
```

```
  begin
    FUtama.SetMenuUtama(False);
    suiStatusBar1.Panels[1].Text:='';
    Close;
  end;
end;

procedure TFUtama.Keluar1Click(Sender: TObject);
begin
  //
  If MessageDlg('Apakah Anda Akan Menutup Aplikasi Ini??',mtConfirmation,[mbyes,mbno],0)=mrYes then
    Application.Terminate;
end;

procedure TFUtama.FormShow(Sender: TObject);
begin
  //SetMenuUtama(False);
end;

procedure TFUtama.DataBagian1Click(Sender: TObject);
begin
  FUser.showmodal;
end;

procedure TFUtama.DataSupplier1Click(Sender: TObject);
begin
  FSupplier.SHowmodal;
end;

procedure TFUtama.DataBarang1Click(Sender: TObject);
begin
  FBarang.showmodal;
end;

procedure TFUtama.Pembelian1Click(Sender: TObject);
begin
  //
  FBeli.showmodal;
end;

procedure TFUtama.User1Click(Sender: TObject);
begin
  //
  FUser.showmodal;
end;

procedure TFUtama.PengajuanPembelianBarang1Click(Sender: TObject);
begin
  //
  FPengajuanPembelian.showmodal;
end;

procedure TFUtama.PengajuanPendistribusianBarang1Click(Sender: TObject);
begin
  //
  FPengajuanDistribusi.showmodal;
end;

procedure TFUtama.Pendistribusian1Click(Sender: TObject);
begin
  FDistribusi.showmodal;
```

```
end;

procedure TFUtama.MetodeSeasonal1Click(Sender: TObject);
begin
 //
 FPeramalan.showmodal;
end;

procedure TFUtama.DataUser1Click(Sender: TObject);
begin
 //
 FUser2.showmodal;
end;

procedure TFUtama.LaporanDataBarang1Click(Sender: TObject);
begin
 FrxBarang.ShowReport;
end;

procedure TFUtama.LaporanDataSupplier1Click(Sender: TObject);
begin
 frxSupplier.ShowReport;
end;

procedure TFUtama.LaporanDataRTP1Click(Sender: TObject);
begin
 frxKonsumen.ShowReport;
end;

procedure TFUtama.LaporanPembelian1Click(Sender: TObject);
begin
 Flaporan.pilih:=1;
 Flaporan.Showmodal;
end;

procedure TFUtama.FormClose(Sender: TObject; var Action: TCloseAction);
begin
 //FLogin.showmodal;
end;

procedure TFUtama.LaporanPendistribusian1Click(Sender: TObject);
begin
 Flaporan.pilih:=0;
 Flaporan.Showmodal;
end;

procedure TFUtama.LaporanMetodeSeasonal1Click(Sender: TObject);
begin
 //
 FLaporanPeramalan.showmodal;
end;

end.
```

Form Barang

```
unit UBTitip;
unit UBarang;

interface

uses
 Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
 Dialogs, SUIDBCtrls, SUIEdit, StdCtrls, SUIComboBox, Grids, DBGrids,
```

```
  Mask, DBCtrls, SUIPageControl, SUITabControl, SUIButton, SUIImagePanel,
  ExtCtrls, SUIForm,DB;

type
  TFBarang = class(TForm)
    suiForm1: TsuiForm;
    suiPanel1: TsuiPanel;
    suiButton1: TsuiButton;
    suiButton2: TsuiButton;
    suiButton3: TsuiButton;
    suiButton4: TsuiButton;
    suiButton5: TsuiButton;
    suiButton6: TsuiButton;
    suiPageControl1: TsuiPageControl;
    suiTabSheet2: TsuiTabSheet;
    Label9: TLabel;
    Label7: TLabel;
    Label2: TLabel;
    Label5: TLabel;
    Label1: TLabel;
    Label3: TLabel;
    Label6: TLabel;
    Label4: TLabel;
    Label8: TLabel;
    Label10: TLabel;
    suiDBEdit5: TsuiDBEdit;
    suiDBEdit4: TsuiDBEdit;
    suiDBEdit2: TsuiDBEdit;
    suiDBEdit1: TsuiDBEdit;
    suiTabSheet1: TsuiTabSheet;
    Label14: TLabel;
    Label13: TLabel;
    suiComboBox1: TsuiComboBox;
    suiEdit1: TsuiEdit;
    suiButton7: TsuiButton;
    suiDBNavigator1: TsuiDBNavigator;
    suiDBLookupComboBox1: TsuiDBLookupComboBox;
    suiDBGrid1: TsuiDBGrid;
    procedure FormShow(Sender: TObject);
    procedure suiButton1Click(Sender: TObject);
    procedure suiButton5Click(Sender: TObject);
    procedure suiButton2Click(Sender: TObject);
    procedure suiButton3Click(Sender: TObject);
    procedure suiButton4Click(Sender: TObject);
    procedure suiButton6Click(Sender: TObject);
    procedure suiButton7Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
    procedure SetDataSource(Bnx:TDataSource);
    procedure CekOtoritasTombol;
    procedure SetEnabled(Bnx:Boolean);
    procedure SetTombol(Bnx:Boolean);
    procedure KodeOtomatis;
  end;

var
  FBarang: TFBarang;
  NoTrx:STring;

implementation

uses UUtama,UDM;

procedure TFBarang.KodeOtomatis;
begin
  DM.QCampur.Close;
```

```
 dm.QCampur.SQL.Text:='select * from barang where KodeBrg like ''%'+'B'+'%'' ';
 dm.QCampur.Open;
 if dm.QCampur.RecordCount<9 then
   NoTrx:='B'+'00'+InttoStr(dm.QCampur.RecordCount+1)
 else if dm.QCampur.RecordCount<99 then
   NoTrx:='B'+'0'+InttoStr(dm.QCampur.RecordCount+1)
 else if dm.QCampur.RecordCount<999 then
   NoTrx:='B'+InttoStr(dm.QCampur.RecordCount+1);
end;

procedure TFBarang.SetDataSource(Bnx:TDataSource);
begin
 suiDBEdit1.DataSource:=Bnx;
 suiDBEdit2.DataSource:=Bnx;
 suiDBLookupComboBox1.DataSource:=Bnx;
 suiDBEdit4.DataSource:=Bnx;
 suiDBEdit5.DataSource:=Bnx;
 //suiDBEdit6.DataSource:=Bnx;
end;

procedure TFBarang.CekOtoritasTombol;
begin
 dm.QCampur.Close;
 dm.QCampur.SQL.Text:='select * from user where NamaUser='+QuotedStr(FUtama.suiStatusBar1.Panels[1].Text)+'';
 dm.QCampur.Open;
 if dm.QCampur.RecordCount > 0 then
 begin
   dm.QCampur2.Close;
   dm.QCampur2.SQL.Text:='select * from bagian where
KodeBagian='+QuotedStr(dm.QCampur.FieldByName('Bagian').AsString)+'';
   dm.QCampur2.Open;
   if dm.QCampur2.RecordCount > 0 then
   begin
    if dm.QCampur2.FieldByName('Tambah').AsBoolean=True then
      SuiButton1.Visible:=True
    else SuiButton1.Visible:=False;
    if dm.QCampur2.FieldByName('Simpan').AsBoolean=True then
      SuiButton3.Visible:=True
    else SuiButton3.Visible:=False;
    if dm.QCampur2.FieldByName('Ubah').AsBoolean=True then
      SuiButton2.Visible:=True
    else SuiButton2.Visible:=False;
    if dm.QCampur2.FieldByName('Hapus').AsBoolean=True then
      SuiButton4.Visible:=True
    else SuiButton5.Visible:=False;
   end;
 end;
end;

procedure TFBarang.SetEnabled(Bnx:Boolean);
begin
 suiDBEdit1.Enabled:=Bnx;
 suiDBEdit2.Enabled:=Bnx;
 suiDBLookupComboBox1.Enabled:=Bnx;
 suiDBEdit4.Enabled:=Bnx;
 suiDBEdit5.Enabled:=Bnx;
 //suiDBEdit6.Enabled:=Bnx;
end;

procedure TFBarang.SetTombol(Bnx:Boolean);
begin
 suiButton1.Enabled:=not Bnx;
 suiButton2.Enabled:=not Bnx;
 suiButton3.Enabled:=Bnx;
 suiButton4.Enabled:=not Bnx;
 suiButton5.Enabled:=Bnx;
 //suiDBEdit6.Enabled:=Bnx;
end;
```

```
{$R *.dfm}

procedure TFBarang.FormShow(Sender: TObject);
begin
  CekOtoritasTombol;
  SetDataSource(nil);
  SetEnabled(False);
  SetTombol(False);
end;

procedure TFBarang.suiButton1Click(Sender: TObject);
begin
  //
  SetEnabled(True);
  SetTombol(True);
  SetDataSource(DM.DSBarang);
  suiPageControl1.ActivePageIndex:=1;
  dm.QBarang.Append;
  KodeOtomatis;
  dm.QBarang.Fields[0].AsString:=NoTrx;
  suiDBEdit1.SetFocus;
end;

procedure TFBarang.suiButton5Click(Sender: TObject);
begin
  SetTombol(False);
  SetDataSource(nil);
  SetEnabled(False);
  dm.QBarang.Cancel;
  MessageDlg('Penyimpanan Dibatalkan ', mtInformation, [mbOK], 0);
end;

procedure TFBarang.suiButton2Click(Sender: TObject);
begin
  SetTombol(True);
  SetDataSource(DM.DSBarang);
  SetEnabled(True);
  suiPageControl1.ActivePageIndex:=1;
  dm.QBarang.Edit;
  suiDBEdit1.SetFocus;
end;

procedure TFBarang.suiButton3Click(Sender: TObject);
begin
  //
  SetTombol(False);
  SetDataSource(nil);
  SetEnabled(False);
  try
    dm.QBarang.Post;
    dm.QBarang.Close;
    dm.QBarang.Open;
    MessageDlg('Data Berhasil Disimpan', mtInformation, [mbOK], 0);
  except
    dm.QBarang.Cancel;
    MessageDlg('Data Gagal Disimpan, Terdapat Duplikasi Data.. '+#13+#10+'Mohon Dicek Kembali', mtWarning, [mbOK], 0);
  end
end;

procedure TFBarang.suiButton4Click(Sender: TObject);
begin
  if MessageDlg('Apakah Anda Yakin Data Akan Dihapus ??', mtConfirmation, [mbYes, mbNo], 0)=mrYes then
  begin
    dm.QCampur.Close;
    dm.QCampur.SQL.Text:='select * from historistok where
KodeBrg='+QuotedStr(dm.QBarang.FieldByName('KodeBrg').AsString)+'';
    dm.QCampur.Open;
```

```
   if dm.QCampur.IsEmpty=false then
   begin
    MessageDlg('Maaf Data Barang Tidak Bisa Dihapus', mtWarning, [mbOK], 0);
   end
   else begin
   DM.QBarang.Delete;
   MessageDlg('Data Berhasil Dihapus', mtInformation, [mbOK], 0);
   SetDataSource(nil);
   SetEnabled(False);
   SetTombol(False);
   end;
 end;
end;

procedure TFBarang.suiButton6Click(Sender: TObject);
begin
 close;
end;

procedure TFBarang.suiButton7Click(Sender: TObject);
var s:String;
begin
 case suiComboBox1.ItemIndex of
  0:s:='KodeBrg';
  1:s:='NamaBrg';
  2:s:='Satuan';
 end;
 dm.QBarang.Close;
 dm.QBarang.SQL.Text:='select * from barang where '+s+' like ''%'+suiEdit1.Text+'%'' ';
 dm.QBarang.Open;
end;

end.
```

unit USupplier;

```
interface

uses
 Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
 Dialogs, ExtCtrls, SUIForm, SUIEdit, StdCtrls, SUIComboBox, Grids,
 DBGrids, SUIDBCtrls, Mask, DBCtrls, SUIPageControl, SUITabControl,
 SUIButton, SUIImagePanel,DB;

type
 TFSupplier = class(TForm)
  suiForm1: TsuiForm;
  suiPanel1: TsuiPanel;
  suiButton1: TsuiButton;
  suiButton2: TsuiButton;
  suiButton3: TsuiButton;
  suiButton4: TsuiButton;
  suiButton5: TsuiButton;
  suiButton6: TsuiButton;
  suiPageControl1: TsuiPageControl;
  suiTabSheet1: TsuiTabSheet;
  suiTabSheet2: TsuiTabSheet;
  Label11: TLabel;
  Label9: TLabel;
  Label7: TLabel;
  Label2: TLabel;
  Label5: TLabel;
  Label1: TLabel;
  Label3: TLabel;
  Label6: TLabel;
```

```
    Label4: TLabel;
    Label8: TLabel;
    Label10: TLabel;
    Label12: TLabel;
    suiDBEdit6: TsuiDBEdit;
    suiDBEdit5: TsuiDBEdit;
    suiDBEdit4: TsuiDBEdit;
    suiDBEdit3: TsuiDBEdit;
    suiDBEdit2: TsuiDBEdit;
    suiDBEdit1: TsuiDBEdit;
    suiDBGrid1: TsuiDBGrid;
    Label14: TLabel;
    suiComboBox1: TsuiComboBox;
    suiEdit1: TsuiEdit;
    Label13: TLabel;
    suiButton7: TsuiButton;
    suiDBNavigator1: TsuiDBNavigator;
    procedure FormShow(Sender: TObject);
    procedure suiButton1Click(Sender: TObject);
    procedure suiButton5Click(Sender: TObject);
    procedure suiButton2Click(Sender: TObject);
    procedure suiButton3Click(Sender: TObject);
    procedure suiButton4Click(Sender: TObject);
    procedure suiButton6Click(Sender: TObject);
    procedure suiButton7Click(Sender: TObject);
    procedure suiEdit1KeyPress(Sender: TObject; var Key: Char);
  private
    { Private declarations }
  public
    { Public declarations }
    procedure SetDataSource(Bnx:TDataSource);
    procedure CekOtoritasTombol;
    procedure SetEnabled(Bnx:Boolean);
    procedure SetTombol(Bnx:Boolean);
    Procedure KodeOtomatis;
  end;

var
  FSupplier: TFSupplier;
  NoTrx:String;

implementation

uses UDM,UUtama;

procedure TFSupplier.KodeOtomatis;
begin
  DM.QCampur.Close;
  dm.QCampur.SQL.Text:='select * from supplier where KodeSupplier like ''%'+'SPL'+'%'' ';
  dm.QCampur.Open;
  if dm.QCampur.RecordCount<9 then
    NoTrx:='SPL'+'00'+InttoStr(dm.QCampur.RecordCount+1)
  else if dm.QCampur.RecordCount<99 then
    NoTrx:='SPL'+'0'+InttoStr(dm.QCampur.RecordCount+1)
  else if dm.QCampur.RecordCount<999 then
    NoTrx:='SPL'+InttoStr(dm.QCampur.RecordCount+1);
end;

procedure TFSupplier.SetDataSource(Bnx:TDataSource);
begin
  suiDBEdit1.DataSource:=Bnx;
```

```
  suiDBEdit2.DataSource:=Bnx;
  suiDBEdit3.DataSource:=Bnx;
  suiDBEdit4.DataSource:=Bnx;
  suiDBEdit5.DataSource:=Bnx;
  suiDBEdit6.DataSource:=Bnx;
end;

procedure TFSupplier.CekOtoritasTombol;
begin
  dm.QCampur.Close;
  dm.QCampur.SQL.Text:='select * from user where
NamaUser='+QuotedStr(FUtama.suiStatusBar1.Panels[1].Text)+'';
  dm.QCampur.Open;
  if dm.QCampur.RecordCount > 0 then
  begin
    dm.QCampur2.Close;
    dm.QCampur2.SQL.Text:='select * from bagian where
KodeBagian='+QuotedStr(dm.QCampur.FieldByName('Bagian').AsString)+'';
    dm.QCampur2.Open;
    if dm.QCampur2.RecordCount > 0 then
    begin
      if dm.QCampur2.FieldByName('Tambah').AsBoolean=True then
        SuiButton1.Visible:=True
      else SuiButton1.Visible:=False;
      if dm.QCampur2.FieldByName('Simpan').AsBoolean=True then
        SuiButton3.Visible:=True
      else SuiButton3.Visible:=False;
      if dm.QCampur2.FieldByName('Ubah').AsBoolean=True then
        SuiButton2.Visible:=True
      else SuiButton2.Visible:=False;
      if dm.QCampur2.FieldByName('Hapus').AsBoolean=True then
        SuiButton4.Visible:=True
      else SuiButton5.Visible:=False;
    end;
  end;
end;

procedure TFSupplier.SetEnabled(Bnx:Boolean);
begin
  suiDBEdit1.Enabled:=Bnx;
  suiDBEdit2.Enabled:=Bnx;
  suiDBEdit3.Enabled:=Bnx;
  suiDBEdit4.Enabled:=Bnx;
  suiDBEdit5.Enabled:=Bnx;
  suiDBEdit6.Enabled:=Bnx;
  //suiTabSheet1.Visible:=not Bnx;
  //suiTabSheet2.Visible:=Bnx
end;

procedure TFSupplier.SetTombol(Bnx:Boolean);
begin
  suiButton1.Enabled:=not Bnx;
  suiButton2.Enabled:=not Bnx;
  suiButton3.Enabled:=Bnx;
  suiButton4.Enabled:=not Bnx;
  suiButton5.Enabled:=Bnx;
  //suiDBEdit6.Enabled:=Bnx;
end;

{$R *.dfm}
```

```
procedure TFSupplier.FormShow(Sender: TObject);
begin
  CekOtoritasTombol;
  SetDataSource(nil);
  SetEnabled(False);
  SetTombol(False);
end;

procedure TFSupplier.suiButton1Click(Sender: TObject);
begin
  SetEnabled(True);
  SetTombol(True);
  SetDataSource(DM.DSSupplier);
  suiPageControl1.ActivePageIndex:=1;
  dm.QSupplier.Append;
  KodeOtomatis;
  dm.QSupplier.Fields[0].AsString:=NoTrx;
  suiDBEdit1.SetFocus;
end;

procedure TFSupplier.suiButton5Click(Sender: TObject);
begin
  SetTombol(False);
  SetDataSource(nil);
  SetEnabled(False);
  dm.QSupplier.Cancel;
  MessageDlg('Penyimpanan Dibatalkan ', mtInformation, [mbOK], 0);
end;

procedure TFSupplier.suiButton2Click(Sender: TObject);
begin
  SetTombol(True);
  SetDataSource(DM.DSSupplier);
  SetEnabled(True);
  suiPageControl1.ActivePageIndex:=1;
  dm.QSupplier.Edit;
  suiDBEdit1.SetFocus;
end;

procedure TFSupplier.suiButton3Click(Sender: TObject);
begin
  SetTombol(False);
  SetDataSource(nil);
  SetEnabled(False);
  try
    dm.QSupplier.Post;
    dm.QSupplier.Close;
    dm.QSupplier.Open;
    MessageDlg('Data Berhasil Disimpan', mtInformation, [mbOK], 0);
  except
    dm.QSupplier.Cancel;
    MessageDlg('Data Gagal Disimpan, Terdapat Duplikasi Data.. '+#13+#10+'Mohon Dicek Kembali', mtWarning,
[mbOK], 0);
  end
end;

procedure TFSupplier.suiButton4Click(Sender: TObject);
begin
  if MessageDlg('Apakah Anda Yakin Data Akan Dihapus ??', mtConfirmation, [mbYes, mbNo], 0)=mrYes then
  begin
    DM.QSupplier.Delete;
```

```
    MessageDlg('Data Berhasil Dihapus', mtInformation, [mbOK], 0);
    SetDataSource(nil);
    SetEnabled(False);
    SetTombol(False);
    dm.QSupplier.Close;
    dm.QSupplier.Open;
  end;
end;

procedure TFSupplier.suiButton6Click(Sender: TObject);
begin
  close;
end;

procedure TFSupplier.suiButton7Click(Sender: TObject);
var s:String;
begin
  case suiComboBox1.ItemIndex of
    0:s:='KodeSupplier';
    1:s:='NamaSupplier';
    2:s:='Alamat';
  end;
  dm.QSupplier.Close;
  dm.QSupplier.SQL.Text:='select * from supplier where '+s+' like ''%'+suiEdit1.Text+'%'' ';
  dm.QSupplier.Open;
end;

procedure TFSupplier.suiEdit1KeyPress(Sender: TObject; var Key: Char);
begin
  if key=#13 then
    suiButton7Click(Sender);
end;

end.
```

Form RTP

```
unit UBagian;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, ExtCtrls, SUIForm, StdCtrls, Mask, DBCtrls, SUIDBCtrls,
  SUIButton, SUIImagePanel, SUIGroupBox;

type
  TFBagian = class(TForm)
    suiForm1: TsuiForm;
    Label1: TLabel;
    Label3: TLabel;
    Label2: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Label6: TLabel;
    suiDBEdit1: TsuiDBEdit;
    suiDBEdit2: TsuiDBEdit;
    suiGroupBox1: TsuiGroupBox;
    suiDBCheckBox1: TsuiDBCheckBox;
    suiDBCheckBox2: TsuiDBCheckBox;
    suiDBCheckBox3: TsuiDBCheckBox;
    suiDBCheckBox4: TsuiDBCheckBox;
    suiGroupBox2: TsuiGroupBox;
    suiDBCheckBox5: TsuiDBCheckBox;
```

```
    suiDBCheckBox6: TsuiDBCheckBox;
    suiDBCheckBox7: TsuiDBCheckBox;
    suiDBCheckBox8: TsuiDBCheckBox;
    suiCheckBox1: TsuiCheckBox;
    suiDBCheckBox9: TsuiDBCheckBox;
    suiCheckBox2: TsuiCheckBox;
    suiDBCheckBox10: TsuiDBCheckBox;
    suiDBCheckBox11: TsuiDBCheckBox;
    suiPanel1: TsuiPanel;
    suiButton1: TsuiButton;
    suiButton2: TsuiButton;
    suiButton3: TsuiButton;
    suiButton4: TsuiButton;
    suiButton5: TsuiButton;
    suiButton6: TsuiButton;
    suiDBNavigator1: TsuiDBNavigator;
    procedure suiButton1Click(Sender: TObject);
    procedure suiButton5Click(Sender: TObject);
    procedure suiButton2Click(Sender: TObject);
    procedure suiButton3Click(Sender: TObject);
    procedure suiButton4Click(Sender: TObject);
    procedure suiCheckBox2Click(Sender: TObject);
    procedure suiCheckBox1Click(Sender: TObject);
    procedure suiButton6Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  FBagian: TFBagian;

implementation

uses UUtama,UDM;

{$R *.dfm}

procedure TFBagian.suiButton1Click(Sender: TObject);
begin
  dm.QBagian.Append;
end;

procedure TFBagian.suiButton5Click(Sender: TObject);
begin
  dm.QBagian.Cancel;
  MessageDlg('Penyimpanan Dibatalkan ', mtInformation, [mbOK], 0);
end;

procedure TFBagian.suiButton2Click(Sender: TObject);
begin
  dm.QBagian.Edit;
end;

procedure TFBagian.suiButton3Click(Sender: TObject);
begin
  try
    dm.QBagian.Post;
    MessageDlg('Data Berhasil Disimpan', mtInformation, [mbOK], 0);
  except
    dm.QBagian.Cancel;
    MessageDlg('Data Gagal Disimpan, Terdapat Duplikasi Data.. '+#13+#10+'Mohon Dicek Kembali', mtWarning, [mbOK], 0);
  end
end;

procedure TFBagian.suiButton4Click(Sender: TObject);
begin
```

```
 if MessageDlg('Apakah Anda Yakin Akan Menghapus Data Bagian Ini ??', mtConfirmation, [mbYes, mbNo], 0) =mrYes then
 begin
   dm.QBagian.Delete;
   MessageDlg('Data Berhasil Dihapus', mtInformation, [mbOK], 0);
 end;
end;

procedure TFBagian.suiCheckBox2Click(Sender: TObject);
begin
 if suiCheckBox2.Checked=True then
 begin
   suiDBCheckBox8.Checked:=True;
   suiDBCheckBox10.Checked:=True;
 end
 else begin
   suiDBCheckBox8.Checked:=False;
   suiDBCheckBox10.Checked:=False;
 end;
end;

procedure TFBagian.suiCheckBox1Click(Sender: TObject);
begin
 if suiCheckBox1.Checked=True then
 begin
   suiDBCheckBox5.Checked:=True;
   suiDBCheckBox6.Checked:=True;
   suiDBCheckBox9.Checked:=True;
 end
 else begin
   suiDBCheckBox5.Checked:=False;
   suiDBCheckBox6.Checked:=False;
   suiDBCheckBox9.Checked:=False;
 end;
end;

procedure TFBagian.suiButton6Click(Sender: TObject);
begin
 close;
end;

end.
```

Form Peramalan

```
unit UPeramalan;

interface

uses
 Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
 Dialogs, SUIButton, SUIImagePanel, ExtCtrls, SUIForm, StdCtrls, SUIEdit,
 SUIListBox;

type
 TFPeramalan = class(TForm)
   suiForm1: TsuiForm;
   suiPanel1: TsuiPanel;
   suiButton1: TsuiButton;
   suiButton2: TsuiButton;
   suiButton5: TsuiButton;
   suiButton6: TsuiButton;
   Label1: TLabel;
   Label3: TLabel;
   suiEdit1: TsuiEdit;
   suiButton7: TsuiButton;
   suiListBox1: TsuiListBox;
   Label2: TLabel;
   Label4: TLabel;
```

```
    suiEdit2: TsuiEdit;
    procedure suiButton6Click(Sender: TObject);
    procedure suiButton5Click(Sender: TObject);
    procedure suiEdit2KeyPress(Sender: TObject; var Key: Char);
    procedure suiButton7Click(Sender: TObject);
    procedure suiButton2Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  FPeramalan: TFPeramalan;

implementation

uses UDM,UUtama, DateUtils, UBrowseBrg, UHasilPeramalan;

{$R *.dfm}

procedure TFPeramalan.suiButton6Click(Sender: TObject);
begin
  close;
end;

procedure TFPeramalan.suiButton5Click(Sender: TObject);
var Y,Y2,Y3,Y4,Y5,Y6:Integer;
a,b:real;
trenramalcawu1,trenramalcawu2,trenramalcawu3:real;
rasioramalcawu1,rasioramalcawu2,rasioramalcawu3:real;
rasioratacawu1,rasioratacawu2,rasioratacawu3:real;
begin
  //
  suiListBox1.Items.Clear;
  suiListBox1.Items.Append('PERIODE : '+InttoStr((StrToInt(suiEdit2.Text)-2)));
  suiListBox1.Items.Append('================================================');
  dm.QCampur.SQL.Text:='select sum(a.jumlah) from distribusi_rinci a inner join distribusi b on a.NoDistribusi=b.NoDistribusi '+
                       'where `KodeBrg`='+QuotedStr(suiEdit1.Text)+' and Tanggal>=:tgl and Tanggal<=:tgl2 ';
  dm.QCampur.Params[0].AsDate:=StartOfTheYear(EncodeDate(StrToInt(suiEdit2.Text)-2,01,01));
  dm.QCampur.Params[1].AsDate:=EndOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-2,04,01));
  dm.QCampur.Open;
  if dm.QCampur.Fields[0].AsString='' then
    Y:=0
  else Y:=DM.QCampur.Fields[0].AsInteger;
  suiListBox1.Items.Append('CAWU 1');
  suiListBox1.Items.Append('Jumlah Distribusi : '+IntToStr(Y));
  suiListBox1.Items.Append('X : -5');
  suiListBox1.Items.Append('XY : '+IntToStr(Y*(-5)));
  suiListBox1.Items.Append('X2 : 25');
  dm.QCampur.SQL.Text:='select sum(a.jumlah) from distribusi_rinci a inner join distribusi b on a.NoDistribusi=b.NoDistribusi '+
                       'where `KodeBrg`='+QuotedStr(suiEdit1.Text)+' and Tanggal>=:tgl and Tanggal<=:tgl2 ';
  dm.QCampur.Params[0].AsDate:=StartOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-2,04,01));
  dm.QCampur.Params[1].AsDate:=EndOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-2,08,01));
  dm.QCampur.Open;
  if dm.QCampur.Fields[0].AsString='' then
    Y2:=0
  else Y2:=DM.QCampur.Fields[0].AsInteger;
  suiListBox1.Items.Append('');
  suiListBox1.Items.Append('CAWU 2');
  suiListBox1.Items.Append('Jumlah Distribusi : '+IntToStr(Y2));
  suiListBox1.Items.Append('X : -3');
  suiListBox1.Items.Append('XY : '+IntToStr(Y2*(-3)));
  suiListBox1.Items.Append('X2 : 9');
  dm.QCampur.SQL.Text:='select sum(a.jumlah) from distribusi_rinci a inner join distribusi b on a.NoDistribusi=b.NoDistribusi '+
                       'where `KodeBrg`='+QuotedStr(suiEdit1.Text)+' and Tanggal>=:tgl and Tanggal<=:tgl2 ';
  dm.QCampur.Params[0].AsDate:=StartOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-2,08,01));
  dm.QCampur.Params[1].AsDate:=EndOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-2,12,01));
```

```
dm.QCampur.Open;
if dm.QCampur.Fields[0].AsString='' then
  Y3:=0
else Y3:=DM.QCampur.Fields[0].AsInteger;
suiListBox1.Items.Append('');
suiListBox1.Items.Append('CAWU 3');
suiListBox1.Items.Append('Jumlah Distribusi : '+IntToStr(Y3));
suiListBox1.Items.Append('X : -1');
suiListBox1.Items.Append('XY : '+IntToStr(Y3*(-1)));
suiListBox1.Items.Append('X2 : 1');

suiListBox1.Items.Append('');
suiListBox1.Items.Append('PERIODE : '+InttoStr((StrToInt(suiEdit2.Text)-1)));

dm.QCampur.SQL.Text:='select sum(a.jumlah) from distribusi_rinci a inner join distribusi b on a.NoDistribusi=b.NoDistribusi '+
            'where `KodeBrg`='+QuotedStr(suiEdit1.Text)+' and Tanggal>=:tgl and Tanggal<=:tgl2 ';
dm.QCampur.Params[0].AsDate:=StartOfTheYear(EncodeDate(StrToInt(suiEdit2.Text)-1,01,01));
dm.QCampur.Params[1].AsDate:=EndOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-1,04,01));
dm.QCampur.Open;
if dm.QCampur.Fields[0].AsString='' then
  Y4:=0
else Y4:=DM.QCampur.Fields[0].AsInteger;
suiListBox1.Items.Append('CAWU 1');
suiListBox1.Items.Append('Jumlah Distribusi : '+IntToStr(Y4));
suiListBox1.Items.Append('X : 1');
suiListBox1.Items.Append('XY : '+IntToStr(Y4*1));
suiListBox1.Items.Append('X2 : 1');
dm.QCampur.SQL.Text:='select sum(a.jumlah) from distribusi_rinci a inner join distribusi b on a.NoDistribusi=b.NoDistribusi '+
            'where `KodeBrg`='+QuotedStr(suiEdit1.Text)+' and Tanggal>=:tgl and Tanggal<=:tgl2 ';
dm.QCampur.Params[0].AsDate:=StartOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-1,04,01));
dm.QCampur.Params[1].AsDate:=EndOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-1,08,01));
dm.QCampur.Open;
if dm.QCampur.Fields[0].AsString='' then
  Y5:=0
else Y5:=DM.QCampur.Fields[0].AsInteger;
suiListBox1.Items.Append('');
suiListBox1.Items.Append('CAWU 2');
suiListBox1.Items.Append('Jumlah Distribusi : '+IntToStr(Y5));
suiListBox1.Items.Append('X : 3');
suiListBox1.Items.Append('XY : '+IntToStr(Y5*3));
suiListBox1.Items.Append('X2 : 9');
dm.QCampur.SQL.Text:='select sum(a.jumlah) from distribusi_rinci a inner join distribusi b on a.NoDistribusi=b.NoDistribusi '+
            'where `KodeBrg`='+QuotedStr(suiEdit1.Text)+' and Tanggal>=:tgl and Tanggal<=:tgl2 ';
dm.QCampur.Params[0].AsDate:=StartOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-1,08,01));
dm.QCampur.Params[1].AsDate:=EndOfTheMonth(EncodeDate(StrToInt(suiEdit2.Text)-1,12,01));
dm.QCampur.Open;
if dm.QCampur.Fields[0].AsString='' then
  Y6:=0
else Y6:=DM.QCampur.Fields[0].AsInteger;
suiListBox1.Items.Append('');
suiListBox1.Items.Append('CAWU 3');
suiListBox1.Items.Append('Jumlah Distribusi : '+IntToStr(Y6));
suiListBox1.Items.Append('X : 5');
suiListBox1.Items.Append('XY : '+IntToStr(Y6*5));
suiListBox1.Items.Append('X2 : 25');
suiListBox1.Items.Append('');
suiListBox1.Items.Append('Total Cawu : '+IntToStr(Y+Y2+Y3+Y4+Y5+Y6));
suiListBox1.Items.Append('Total X2 : 70');
suiListBox1.Items.Append('Total XY : '+IntToStr((Y*(-5))+(Y2*(-3))+(Y3*(-1))+(Y4*1)+(Y5*3)+(Y6*5)) );
suiListBox1.Items.Append('a : '+FloatToStr((Y+Y2+Y3+Y4+Y5+Y6)/6));
a:=(Y+Y2+Y3+Y4+Y5+Y6)/6;
suiListBox1.Items.Append('b : '+FloatToStr(((Y*(-5))+(Y2*(-3))+(Y3*(-1))+(Y4*1)+(Y5*3)+(Y6*5))/70) );
b:=((Y*(-5))+(Y2*(-3))+(Y3*(-1))+(Y4*1)+(Y5*3)+(Y6*5))/70;
suiListBox1.Items.Append('Nilai Trend '+IntTostr((StrToInt(suiEdit2.Text)-2))+' Cawu 1 : '+FloatToStr(a+(b*-5)));
suiListBox1.Items.Append('Rasio Rata-Rata '+IntTostr((StrToInt(suiEdit2.Text)-2))+' Cawu 1 : '+FloatToStr(Y/(a+(b*-5))));
suiListBox1.Items.Append('Nilai Trend '+IntTostr((StrToInt(suiEdit2.Text)-1))+' Cawu 1 : '+FloatToStr(a+(b*1)));
suiListBox1.Items.Append('Rasio Rata-Rata '+IntTostr((StrToInt(suiEdit2.Text)-1))+' Cawu 1 : '+FloatToStr(Y4/(a+(b*1))));
suiListBox1.Items.Append('Nilai Trend '+IntTostr((StrToInt(suiEdit2.Text)-2))+' Cawu 2 : '+FloatToStr(a+(b*-3)));
```

```
 suiListBox1.Items.Append('Rasio Rata-Rata '+IntTostr((StrToInt(suiEdit2.Text)-2))+' Cawu 2 : '+FloatToStr(Y2/(a+(b*-3))));
 suiListBox1.Items.Append('Nilai Trend '+IntTostr((StrToInt(suiEdit2.Text)-1))+' Cawu 2 : '+FloatToStr(a+(b*3)));
 suiListBox1.Items.Append('Rasio Rata-Rata '+IntTostr((StrToInt(suiEdit2.Text)-1))+' Cawu 2 : '+FloatToStr(Y5/(a+(b*3))));
 suiListBox1.Items.Append('Nilai Trend '+IntTostr((StrToInt(suiEdit2.Text)-2))+' Cawu 3 : '+FloatToStr(a+(b*-1)));
 suiListBox1.Items.Append('Rasio Rata-Rata '+IntTostr((StrToInt(suiEdit2.Text)-2))+' Cawu 3 : '+FloatToStr(Y3/(a+(b*-1))));
 suiListBox1.Items.Append('Nilai Trend '+IntTostr((StrToInt(suiEdit2.Text)-1))+' Cawu 3 : '+FloatToStr(a+(b*5)));
 suiListBox1.Items.Append('Rasio Rata-Rata '+IntTostr((StrToInt(suiEdit2.Text)-1))+' Cawu 3 : '+FloatToStr(Y6/(a+(b*5))));
 suiListBox1.Items.Append('');
 trenramalcawu1:=a+(b*7);
 trenramalcawu2:=a+(b*9);
 trenramalcawu3:=a+(b*11);
 rasioramalcawu1:=(Y4/(a+(b*1)))-(Y/(a+(b*-5)));
 rasioramalcawu2:=(Y5/(a+(b*3)))-(Y2/(a+(b*-3)));
 rasioramalcawu3:=(Y6/(a+(b*5)))-(Y3/(a+(b*-1)));
 rasioratacawu1:=(Y/(a+(b*-5)))-(Y4/(a+(b*1)));
 rasioratacawu2:=((Y2/(a+(b*-3)))-Y5/(a+(b*3)));
 rasioratacawu3:=(Y3/(a+(b*-1)))-(Y6/(a+(b*5)));
 suiListBox1.Items.Append('HASIL RAMALAN '+suiEdit2.Text);
 suiListBox1.Items.Append('Nilai Trend Cawu 1 : '+FloatToStr(trenramalcawu1));
 suiListBox1.Items.Append('Rasio Rata-Rata Cawu 1 : '+FloatToStr(rasioramalcawu1));
 suiListBox1.Items.Append('RAMALAN CAWU 1 : '+FloatToStr(trenramalcawu1*rasioramalcawu1));
 suiListBox1.Items.Append('Nilai Trend Cawu 2 : '+FloatToStr(trenramalcawu2));
 suiListBox1.Items.Append('Rasio Rata-Rata Cawu 2 : '+FloatToStr(rasioratacawu2));
 suiListBox1.Items.Append('RAMALAN CAWU 2 : '+FloatToStr(trenramalcawu2*rasioratacawu2));
 suiListBox1.Items.Append('Nilai Trend Cawu 3 : '+FloatToStr(trenramalcawu3));
 suiListBox1.Items.Append('Rasio Rata-Rata Cawu 3 : '+FloatToStr(rasioratacawu3));
 suiListBox1.Items.Append('RAMALAN CAWU 3 : '+FloatToStr(trenramalcawu3*rasioratacawu3));

 suiListBox1.Items.Append('==================================================');
 dm.QCampur.SQL.Text:='select * from peramalan where KodeBrg='+QuotedStr(suiEdit1.Text)+' and
tahun='+QuotedStr(suiEdit2.Text)+'';
 dm.QCampur.Open;
 if dm.QCampur.IsEmpty then
 begin
   dm.QRamalan.Append;
   DM.QCampur.Close;
   dm.QCampur.SQL.Text:='select * from peramalan where no_peramalan like ''%'+'RAM'+'%'' ';
   dm.QCampur.Open;
   if dm.QCampur.RecordCount<9 then

dm.QRamalan.FieldByName('no_peramalan').AsString:='RAM'+FormatDateTime('ddmmyy',Now)+'00'+InttoStr(dm.QCampur.Reco
rdCount+1)
   else if dm.QCampur.RecordCount<99 then

dm.QRamalan.FieldByName('no_peramalan').AsString:='RAM'+FormatDateTime('ddmmyy',Now)+'0'+InttoStr(dm.QCampur.Recor
dCount+1)
   else if dm.QCampur.RecordCount<999 then

dm.QRamalan.FieldByName('no_peramalan').AsString:='RAM'+FormatDateTime('ddmmyy',Now)+InttoStr(dm.QCampur.RecordCo
unt+1);

   dm.QRamalan.FieldByName('KodeBrg').AsString:=suiEdit1.Text;
   DM.QCampur.Close;
   dm.QCampur.SQL.Text:='select * from barang where kodeBrg ='+Quotedstr(suiEdit1.Text)+'';
   dm.QCampur.Open;
   if dm.QCampur.RecordCount > 0 then
     dm.QRamalan.FieldByName('NamaBrg').AsString:=dm.QCampur.FieldByName('NamaBrg').AsString;
   dm.QRamalan.FieldByName('Hasil_Ramalan_Cawu1').AsFloat:=trenramalcawu1*rasioramalcawu1;
   dm.QRamalan.FieldByName('Hasil_Ramalan_Cawu2').AsFloat:=trenramalcawu2*rasioratacawu2;
   dm.QRamalan.FieldByName('Hasil_Ramalan_Cawu3').AsFloat:=trenramalcawu3*rasioratacawu3;
   dm.QRamalan.FieldByName('tahun').AsString:=suiEdit2.Text;
   dm.QRamalan.Post;
 end;
end;

procedure TFPeramalan.suiEdit2KeyPress(Sender: TObject; var Key: Char);
begin
 if key in ['a'..'z','A'..'Z'] then
```

```
   Key:=#0;
end;

procedure TFPeramalan.suiButton7Click(Sender: TObject);
begin
 FBrowseBarang.pilih:=4;
 FBrowseBarang.showmodal;
end;

procedure TFPeramalan.suiButton2Click(Sender: TObject);
begin
 //
 FHasilPeramalan.showmodal;
end;

end.
```

Form Pembelian

```
unit UBeli;

interface

uses
 Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
 Dialogs, ExtCtrls, SUIForm, StdCtrls, Mask, DBCtrls, SUIDBCtrls, Grids,
 DBGrids, SUIButton, SUIImagePanel,DB;

type
 TFBeli = class(TForm)
   suiForm1: TsuiForm;
   Label1: TLabel;
   Label3: TLabel;
   suiDBEdit1: TsuiDBEdit;
   Label2: TLabel;
   Label4: TLabel;
   suiDBEdit2: TsuiDBEdit;
   Label5: TLabel;
   Label6: TLabel;
   suiDBEdit3: TsuiDBEdit;
   Label7: TLabel;
   Label8: TLabel;
   suiDBEdit4: TsuiDBEdit;
   Label9: TLabel;
   Label10: TLabel;
   suiDBEdit5: TsuiDBEdit;
   suiPanel1: TsuiPanel;
   suiButton1: TsuiButton;
   suiButton5: TsuiButton;
   suiDBGrid1: TsuiDBGrid;
   suiButton2: TsuiButton;
   suiButton3: TsuiButton;
   suiButton4: TsuiButton;
   suiButton6: TsuiButton;
   suiButton7: TsuiButton;
   suiDBNavigator1: TsuiDBNavigator;
   Label11: TLabel;
   Label12: TLabel;
   suiDBEdit6: TsuiDBEdit;
   procedure suiButton7Click(Sender: TObject);
   procedure suiDBGrid1KeyPress(Sender: TObject; var Key: Char);
   procedure FormShow(Sender: TObject);
   procedure suiButton1Click(Sender: TObject);
   procedure suiButton5Click(Sender: TObject);
   procedure suiButton2Click(Sender: TObject);
   procedure suiButton3Click(Sender: TObject);
   procedure suiDBNavigator1Click(Sender: TObject; Button: TNavigateBtn);
   procedure suiButton4Click(Sender: TObject);
```

```
    procedure suiDBEdit3KeyPress(Sender: TObject; var Key: Char);
    procedure suiDBEdit1KeyPress(Sender: TObject; var Key: Char);
    procedure suiDBEdit6KeyPress(Sender: TObject; var Key: Char);
    procedure suiButton6Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
    status:string;
    procedure SetDataSource(Bnx:TDataSource);
    procedure SetDataSourceDetail(Bnx:TDataSource);
    procedure CekOtoritasTombol;
    procedure SetEnabled(Bnx:Boolean);
    procedure SetTombol(Bnx:Boolean);
    procedure KodeOtomatis;

  end;

var
  FBeli: TFBeli;
  NoTrx:String;

implementation

uses UDM,UUtama,UBrowseBrg, UBrowseSupplier, UBrowsePengajuanBeli,
  UBrowseBeli;

procedure TFBeli.KodeOtomatis;
begin
  DM.QCampur.Close;
  dm.QCampur.SQL.Text:='select * from pembelian where NoFB like ''%'+FormatDateTime('ddmmyy',Now)+'%'' ';
  dm.QCampur.Open;
  if dm.QCampur.RecordCount<9 then
    NoTrx:='T'+FormatDateTime('ddmmyy',Now)+'00'+InttoStr(dm.QCampur.RecordCount+1)
  else if dm.QCampur.RecordCount<99 then
    NoTrx:='T'+FormatDateTime('ddmmyy',Now)+'0'+InttoStr(dm.QCampur.RecordCount+1)
  else if dm.QCampur.RecordCount<999 then
    NoTrx:='T'+FormatDateTime('ddmmyy',Now)+InttoStr(dm.QCampur.RecordCount+1);
end;

procedure TFBeli.SetDataSource(Bnx:TDataSource);
begin
  suiDBEdit1.DataSource:=Bnx;
  suiDBEdit2.DataSource:=Bnx;
  suiDBEdit3.DataSource:=Bnx;
  suiDBEdit4.DataSource:=Bnx;
  suiDBEdit5.DataSource:=Bnx;
  suiDBEdit6.DataSource:=Bnx;
end;

procedure TFBeli.SetDataSourceDetail(Bnx:TDataSource);
begin
  suiDBGrid1.DataSource:=Bnx;
end;

procedure TFBeli.CekOtoritasTombol;
begin
  dm.QCampur.Close;
  dm.QCampur.SQL.Text:='select * from user where NamaUser='+QuotedStr(FUtama.suiStatusBar1.Panels[1].Text)+'';
  dm.QCampur.Open;
  if dm.QCampur.RecordCount > 0 then
  begin
    dm.QCampur2.Close;
    dm.QCampur2.SQL.Text:='select * from bagian where
KodeBagian='+QuotedStr(dm.QCampur.FieldByName('Bagian').AsString)+'';
    dm.QCampur2.Open;
    if dm.QCampur2.RecordCount > 0 then
    begin
```

```
    if dm.QCampur2.FieldByName('Tambah').AsBoolean=True then
      SuiButton1.Visible:=True
    else SuiButton1.Visible:=False;
    if dm.QCampur2.FieldByName('Simpan').AsBoolean=True then
      SuiButton3.Visible:=True
    else SuiButton3.Visible:=False;
    if dm.QCampur2.FieldByName('Ubah').AsBoolean=True then
      SuiButton2.Visible:=True
    else SuiButton2.Visible:=False;
    if dm.QCampur2.FieldByName('Hapus').AsBoolean=True then
      SuiButton4.Visible:=True
    else SuiButton5.Visible:=False;
   end;
  end;
end;

procedure TFBeli.SetEnabled(Bnx:Boolean);
begin
  suiDBEdit1.Enabled:=Bnx;
  suiDBEdit2.Enabled:=Bnx;
  suiDBEdit3.Enabled:=Bnx;
  suiDBEdit4.Enabled:=Bnx;
  suiDBEdit5.Enabled:=Bnx;
  suiDBEdit6.Enabled:=Bnx;
  suiDBGrid1.Enabled:=Bnx;
end;

procedure TFBeli.SetTombol(Bnx:Boolean);
begin
  suiButton1.Enabled:=not Bnx;
  suiButton2.Enabled:=not Bnx;
  suiButton3.Enabled:=Bnx;
  suiButton4.Enabled:=not Bnx;
  suiButton5.Enabled:=Bnx;
end;

{$R *.dfm}

procedure TFBeli.suiButton7Click(Sender: TObject);
begin
  if suiButton5.Enabled=True then
    suiButton5Click(Sender);
  Close;
end;

procedure TFBeli.suiDBGrid1KeyPress(Sender: TObject; var Key: Char);
begin
  case suiDBGrid1.SelectedIndex of
    0:begin
      if key=#13 then
        suiDBGrid1.SelectedIndex:=1;
      if key=#27 then
        dm.QBeliDtl.Cancel;
    end;
    1:begin
      if key=#13 then
      begin
        FBrowseBarang.pilih:=0;
        FBrowseBarang.ShowModal;
      end;
      if key=#27 then
        suiDBGrid1.SelectedIndex:=0;
    end;
    3:begin
      if key=#13 then
      begin
        dm.QBeliDtl.Append;
        suiDBGrid1.SelectedIndex:=0;
```

```
    end;
    if key=#27 then
      suiDBGrid1.SelectedIndex:=1;
   end;
  end;
end;

procedure TFBeli.FormShow(Sender: TObject);
begin
 //
 CekOtoritasTombol;
 SetDataSource(nil);
 SetDataSourceDetail(nil);
 SetEnabled(False);
 SetTombol(False);
end;

procedure TFBeli.suiButton1Click(Sender: TObject);
begin
 status:='Tambah';
 SetTombol(True);
 SetDataSource(DM.DSBeli);
 SetEnabled(True);
 SetDataSourceDetail(DM.DSBeliDtl);
 KodeOtomatis;
 dm.QBeli.Append;
 dm.QBeliNoFB.AsString:=NoTrx;
 dm.QBeliTanggal.AsDateTime:=Date;
 dm.QBeli.Post;
 //SetEnabled(False);
 suiDBEdit1.Enabled:=True;
 suiDBEdit1.SetFocus;
end;

procedure TFBeli.suiButton5Click(Sender: TObject);
begin
 //
 SetTombol(True);
 if status='Tambah' then
 begin
  dm.QCampur.Close;
  dm.QCampur.SQL.Text:='delete from pembelian_rinci where NoFB=:no';
  dm.QCampur.Params[0].AsString:=suiDBEdit1.Text;
  dm.QCampur.ExecSQL;
  DM.QBeli.Delete;
 end
 else begin
  dm.QBeli.Cancel;
 end;
 SetEnabled(False);
 SetDataSource(nil);
 SetDataSourceDetail(nil);
 SetTombol(False);
end;

procedure TFBeli.suiButton2Click(Sender: TObject);
begin
 status:='Ubah';
 SetTombol(True);
 SetDataSource(dm.DSBeli);
 SetDataSourceDetail(DM.DSBeliDtl);
 SetEnabled(True);
 dm.QBeli.Edit;
 suiDBEdit1.Enabled:=True;
 suiDBEdit1.SetFocus;
end;

procedure TFBeli.suiButton3Click(Sender: TObject);
```

```
var i,stok,j:integer;
begin
 //
 if (dm.QBeli.State=DsEdit) or (dm.QBeli.State=Dsinsert) then
 begin
  j:=0;
  //update stok
  dm.QBeliDtl.First;
  for i:=0 to dm.QBeliDtl.RecordCount-1 do
  begin
   dm.QCampur.Close;
   dm.QCampur.SQL.Text:='select * from barang where kode_barang='+QuotedStr(dm.QBeliDtlKodeBrg.AsString)+'';
   dm.QCampur.Open;
   if dm.QCampur.IsEmpty=false then
   begin
    if dm.QCampur.FieldbyName('StokAkhir').AsString='' then
     stok:=0
    else
    stok:=dm.QCampur.FieldbyName('StokAkhir').AsInteger;
    dm.QCampur.Close;
    dm.QCampur.SQL.Text:='update barang set stokakhir=:akhir where
kode_barang='+QuotedStr(dm.QBeliDtlKodeBrg.AsString)+'';
     dm.QCampur.Params[0].AsInteger:=stok+dm.QBeliDtlJumlah.AsInteger;
     dm.QCampur.ExecSQL;
    end;
    //input ke histori stok
    dm.QCampur.Close;
    dm.QCampur.SQL.Text:='INSERT INTO `historistok` (`NoUrut`, `KodeBrg`, `NoTrx`, `Tanggal`, `Keterangan`, `Masuk`, `Keluar`)
VALUES (NULL, '+QuotedStr(dm.QBeliDtlKodeBrg.AsString)+', '+QuotedStr(dm.QBeliDtlNoFB.AsString)+', :tgl, :ket, :msk, :keluar) ';
    dm.QCampur.Params[0].AsDate:=dm.QBeliTanggal.AsDateTime;
    dm.QCampur.Params[1].AsString:='Pembelian No Faktur '+dm.QBeliNoFB.AsString;
    dm.QCampur.Params[2].AsInteger:=dm.QBeliDtlJumlah.AsInteger;
    dm.QCampur.Params[3].AsInteger:=0;
    dm.QCampur.ExecSQL;
    j:=j+stok;
    dm.QBeliDtl.Next;
  end;
  dm.QBeliTotalQty.AsInteger:=j;
  dm.QBeli.Post;
 end;
 MessageDlg('Data Berhasil Disimpan !!', mtInformation, [mbOK], 0);
 SetTombol(False);
 SetDataSource(nil);
 SetDataSourceDetail(nil);
 SetEnabled(False);
end;

procedure TFBeli.suiDBNavigator1Click(Sender: TObject;
 Button: TNavigateBtn);
begin
 SetDataSource(dm.DSBeli);
 SetDataSourceDetail(dm.DSBeliDtl);
end;

procedure TFBeli.suiButton4Click(Sender: TObject);
begin
 if MessageDlg('Apakah Anda Yakin Akan Menghapus Transaksi Pembelian Ini ??', mtConfirmation, [mbYes, mbNo], 0)=mrYes then
 begin
  dm.QCampur.Close;
  dm.QCampur.SQL.Text:='delete from pembelian_rinci where NoFB=:no';
  dm.QCampur.Params[0].AsString:=suiDBEdit1.Text;
  dm.QCampur.ExecSQL;
  DM.QBeli.Delete;
  MessageDlg('Data Berhasil Dihapus', mtInformation, [mbOK], 0);
 end;
 SetEnabled(False);
 SetDataSource(nil);
 SetDataSourceDetail(nil);
```

```
  SetTombol(False);
end;

procedure TFBeli.suiDBEdit3KeyPress(Sender: TObject; var Key: Char);
begin
  if key=#13 then
  begin
    FBrowseSupplier.pilih:=0;
    FBrowseSupplier.showmodal;
  end;
end;

procedure TFBeli.suiDBEdit1KeyPress(Sender: TObject; var Key: Char);
begin
  if key=#13 then
  begin
    suiDBEdit6.Enabled:=True;
    suiDBEdit6.SetFocus;
  end;
end;

procedure TFBeli.suiDBEdit6KeyPress(Sender: TObject; var Key: Char);
begin
  if key=#13 then
  begin
    FBrowsePengajuanBeli.buka:=1;
    FBrowsePengajuanBeli.pilih:=1;
    FBrowsePengajuanBeli.showmodal;
    suiDBEdit3.Enabled:=True;
    suiDBEdit3.SetFocus;
  end;
end;

procedure TFBeli.suiButton6Click(Sender: TObject);
begin
  //
  FBrowseBeli.showmodal;
end;

end.
```

Form Pendistribusian

```
unit UDistribusi;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics, Controls, Forms,
  Dialogs, SUIDBCtrls, Grids, DBGrids, SUIButton, SUIImagePanel, StdCtrls,
  Mask, DBCtrls, ExtCtrls, SUIForm,DB;

type
  TFDistribusi = class(TForm)
    suiForm1: TsuiForm;
    Label1: TLabel;
    Label3: TLabel;
    Label2: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Label6: TLabel;
    Label7: TLabel;
    Label8: TLabel;
    Label11: TLabel;
    Label12: TLabel;
    suiDBEdit1: TsuiDBEdit;
    suiDBEdit2: TsuiDBEdit;
    suiDBEdit3: TsuiDBEdit;
    suiDBEdit4: TsuiDBEdit;
```

```
    suiPanel1: TsuiPanel;
    suiButton1: TsuiButton;
    suiButton5: TsuiButton;
    suiButton2: TsuiButton;
    suiButton3: TsuiButton;
    suiButton4: TsuiButton;
    suiButton6: TsuiButton;
    suiButton7: TsuiButton;
    suiDBGrid1: TsuiDBGrid;
    suiDBNavigator1: TsuiDBNavigator;
    suiDBEdit6: TsuiDBEdit;
    Label9: TLabel;
    procedure FormShow(Sender: TObject);
    procedure suiButton1Click(Sender: TObject);
    procedure suiButton5Click(Sender: TObject);
    procedure suiButton2Click(Sender: TObject);
    procedure suiButton3Click(Sender: TObject);
    procedure suiButton4Click(Sender: TObject);
    procedure suiButton7Click(Sender: TObject);
    procedure suiDBGrid1KeyPress(Sender: TObject; var Key: Char);
    procedure suiDBEdit6KeyUp(Sender: TObject; var Key: Word;
      Shift: TShiftState);
    procedure suiDBEdit6KeyPress(Sender: TObject; var Key: Char);
    procedure suiDBEdit3KeyPress(Sender: TObject; var Key: Char);
    procedure suiButton6Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
    status:string;
    procedure SetDataSource(Bnx:TDataSource);
    procedure SetDataSourceDetail(Bnx:TDataSource);
    procedure CekOtoritasTombol;
    procedure SetEnabled(Bnx:Boolean);
    procedure SetTombol(Bnx:Boolean);
    procedure KodeOtomatis;
  end;

var
  FDistribusi: TFDistribusi;
  NoTrx:String;

implementation

uses UDM,UUtama, UBrowseBrg, UBrowsePengajuanDistribusi, UBrowseRTP;

procedure TFDistribusi.KodeOtomatis;
begin
  DM.QCampur.Close;
  dm.QCampur.SQL.Text:='select * from distribusi where NoDistribusi like ''%'+FormatDateTime('ddmmyy',Now)+'%'' ';
  dm.QCampur.Open;
  if dm.QCampur.RecordCount<9 then
    NoTrx:='D'+FormatDateTime('ddmmyy',Now)+'00'+InttoStr(dm.QCampur.RecordCount+1)
  else if dm.QCampur.RecordCount<99 then
    NoTrx:='D'+FormatDateTime('ddmmyy',Now)+'0'+InttoStr(dm.QCampur.RecordCount+1)
  else if dm.QCampur.RecordCount<999 then
    NoTrx:='D'+FormatDateTime('ddmmyy',Now)+InttoStr(dm.QCampur.RecordCount+1);
end;

procedure TFDistribusi.SetDataSource(Bnx:TDataSource);
begin
  suiDBEdit1.DataSource:=Bnx;
  suiDBEdit2.DataSource:=Bnx;
  suiDBEdit3.DataSource:=Bnx;
  suiDBEdit4.DataSource:=Bnx;
  suiDBEdit6.DataSource:=Bnx;
end;
```

```
procedure TFDistribusi.SetDataSourceDetail(Bnx:TDataSource);
begin
 suiDBGrid1.DataSource:=Bnx;
end;

procedure TFDistribusi.CekOtoritasTombol;
begin
 dm.QCampur.Close;
 dm.QCampur.SQL.Text:='select * from user where NamaUser='+QuotedStr(FUtama.suiStatusBar1.Panels[1].Text)+'';
 dm.QCampur.Open;
 if dm.QCampur.RecordCount > 0 then
 begin
  dm.QCampur2.Close;
  dm.QCampur2.SQL.Text:='select * from bagian where
KodeBagian='+QuotedStr(dm.QCampur.FieldByName('Bagian').AsString)+'';
  dm.QCampur2.Open;
  if dm.QCampur2.RecordCount > 0 then
  begin
   if dm.QCampur2.FieldByName('Tambah').AsBoolean=True then
    SuiButton1.Visible:=True
   else SuiButton1.Visible:=False;
   if dm.QCampur2.FieldByName('Simpan').AsBoolean=True then
    SuiButton3.Visible:=True
   else SuiButton3.Visible:=False;
   if dm.QCampur2.FieldByName('Ubah').AsBoolean=True then
    SuiButton2.Visible:=True
   else SuiButton2.Visible:=False;
   if dm.QCampur2.FieldByName('Hapus').AsBoolean=True then
    SuiButton4.Visible:=True
   else SuiButton5.Visible:=False;
  end;
 end;
end;

procedure TFDistribusi.SetEnabled(Bnx:Boolean);
begin
 suiDBEdit1.Enabled:=Bnx;
 suiDBEdit2.Enabled:=Bnx;
 suiDBEdit3.Enabled:=Bnx;
 suiDBEdit4.Enabled:=Bnx;
 suiDBEdit6.Enabled:=Bnx;
 suiDBGrid1.Enabled:=Bnx;
end;

procedure TFDistribusi.SetTombol(Bnx:Boolean);
begin
 suiButton1.Enabled:=not Bnx;
 suiButton2.Enabled:=not Bnx;
 suiButton3.Enabled:=Bnx;
 suiButton4.Enabled:=not Bnx;
 suiButton5.Enabled:=Bnx;
end;

{$R *.dfm}

procedure TFDistribusi.FormShow(Sender: TObject);
begin
 CekOtoritasTombol;
 SetDataSource(nil);
 SetDataSourceDetail(nil);
 SetEnabled(False);
 SetTombol(False);
end;

procedure TFDistribusi.suiButton1Click(Sender: TObject);
begin
 status:='Tambah';
 SetTombol(True);
```

```
 SetDataSource(DM.DSDistribusi);
 SetEnabled(True);
 SetDataSourceDetail(DM.DSDistribusiDtl);
 KodeOtomatis;
 dm.QDistribusi.Append;
 dm.QDistribusiNoDistribusi.AsString:=NoTrx;
 dm.QDistribusiTanggal.AsDateTime:=Date;
 dm.QDistribusi.Post;
 //SetEnabled(False);
 suiDBEdit1.Enabled:=True;
 suiDBEdit1.SetFocus;
end;

procedure TFDistribusi.suiButton5Click(Sender: TObject);
begin
 //
 SetTombol(True);
 if status='Tambah' then
 begin
  dm.QCampur.Close;
  dm.QCampur.SQL.Text:='delete from distribusi_rinci where NoDistribusi=:no';
  dm.QCampur.Params[0].AsString:=suiDBEdit1.Text;
  dm.QCampur.ExecSQL;
  DM.QDistribusi.Delete;
 end
 else begin
  dm.QDistribusi.Cancel;
 end;
 SetEnabled(False);
 SetDataSource(nil);
 SetDataSourceDetail(nil);
 SetTombol(False);
end;

procedure TFDistribusi.suiButton2Click(Sender: TObject);
begin
 //
 status:='Ubah';
 SetTombol(True);
 SetDataSource(dm.DSDistribusi);
 SetDataSourceDetail(DM.DSDistribusiDtl);
 SetEnabled(True);
 dm.QDistribusi.Edit;
 suiDBEdit1.Enabled:=True;
 suiDBEdit1.SetFocus;
end;

procedure TFDistribusi.suiButton3Click(Sender: TObject);
var i,stok,j:integer;
begin
 //
 if (dm.QDistribusi.State=DsEdit) or (dm.QDistribusi.State=Dsinsert) then
 begin

  //update stok
  dm.QDistribusiDtl.First;
  j:=0;
  for i:=0 to dm.QDistribusiDtl.RecordCount-1 do
  begin
   dm.QCampur.Close;
   dm.QCampur.SQL.Text:='select * from barang where kode_barang='+QuotedStr(dm.QDistribusiDtlKodeBrg.AsString)+'';
   dm.QCampur.Open;
   if dm.QCampur.IsEmpty=false then
   begin
    if dm.QCampur.FieldbyName('StokAkhir').AsString='' then
     stok:=0
    else
    stok:=dm.QCampur.FieldbyName('StokAkhir').AsInteger;
```

```
      dm.QCampur.Close;
      dm.QCampur.SQL.Text:='update barang set stokakhir=:akhir where
kode_barang='+QuotedStr(dm.QDistribusiDtlKodeBrg.AsString)+'';
      dm.QCampur.Params[0].AsInteger:=stok-dm.QDistribusiDtlJumlah.AsInteger;
      dm.QCampur.ExecSQL;
      j:=j+stok;
     end;
     //input ke histori stok
     dm.QCampur.Close;
     dm.QCampur.SQL.Text:='INSERT INTO `historistok` (`NoUrut`, `KodeBrg`, `NoTrx`, `Tanggal`, `Keterangan`, `Masuk`, `Keluar`)
VALUES (NULL, '+QuotedStr(dm.QDistribusiDtlKodeBrg.AsString)+', '+QuotedStr(dm.QDistribusiDtlNoDistribusi.AsString)+', :tgl,
:ket, :msk, :keluar) ';
     dm.QCampur.Params[0].AsDate:=dm.QDistribusiTanggal.AsDateTime;
     dm.QCampur.Params[1].AsString:='Distribusi No Faktur '+dm.QDistribusiNoDistribusi.AsString;
     dm.QCampur.Params[2].AsInteger:=0;
     dm.QCampur.Params[3].AsInteger:=dm.QDistribusiDtlJumlah.AsInteger;
     dm.QCampur.ExecSQL;
     dm.QDistribusiDtl.Next;
   end;
   dm.QDistribusiTotalQty.AsInteger:=j;
   dm.QDistribusi.Post;
  end;
  SetTombol(False);
  SetDataSource(nil);
  SetDataSourceDetail(nil);
  SetEnabled(False);
end;

procedure TFDistribusi.suiButton4Click(Sender: TObject);
begin
  //
  if MessageDlg('Apakah Anda Yakin Akan Menghapus Transaksi Pembelian Ini ??', mtConfirmation, [mbYes, mbNo], 0)=mrYes then
  begin
    dm.QCampur.Close;
    dm.QCampur.SQL.Text:='delete from distribusi_rinci where NoDistribusi=:no';
    dm.QCampur.Params[0].AsString:=suiDBEdit1.Text;
    dm.QCampur.ExecSQL;
    DM.QDistribusi.Delete;
    MessageDlg('Data Berhasil Dihapus', mtInformation, [mbOK], 0);
  end;
  SetEnabled(False);
  SetDataSource(nil);
  SetDataSourceDetail(nil);
  SetTombol(False);
end;

procedure TFDistribusi.suiButton7Click(Sender: TObject);
begin
  if suiButton5.Enabled=True then
    suiButton5Click(Sender);
  Close;
end;

procedure TFDistribusi.suiDBGrid1KeyPress(Sender: TObject; var Key: Char);
begin
  //
  case suiDBGrid1.SelectedIndex of
    0:begin
      if key=#13 then
        suiDBGrid1.SelectedIndex:=1;
      if key=#27 then
        dm.QDistribusiDtl.Cancel;
    end;
    1:begin
      if key=#13 then
      begin
        FBrowseBarang.pilih:=2;
        FBrowseBarang.ShowModal;
```

```
    end;
    if key=#27 then
      suiDBGrid1.SelectedIndex:=0;
   end;
   3:begin
    if key=#13 then
    begin
      dm.QDistribusiDtl.Append;
      suiDBGrid1.SelectedIndex:=0;
    end;
    if key=#27 then
      suiDBGrid1.SelectedIndex:=1;
   end;
  end;
end;

procedure TFDistribusi.suiDBEdit6KeyUp(Sender: TObject; var Key: Word;
  Shift: TShiftState);
begin
  //
end;

procedure TFDistribusi.suiDBEdit6KeyPress(Sender: TObject; var Key: Char);
begin
  if key=#13 then
  begin
    FBrowsePengajuanDistribusi.buka:=1;
    FBrowsePengajuanDistribusi.pilih:=1;
    FBrowsePengajuanDistribusi.showmodal;
    suiDBEdit3.Enabled:=True;
    suiDBEdit3.SetFocus;
  end;
end;

procedure TFDistribusi.suiDBEdit3KeyPress(Sender: TObject; var Key: Char);
begin
  if key=#13 then
  begin
    FBrowseRTP.pilih:=0;
    FBrowseRTP.showmodal;
  end;
end;

procedure TFDistribusi.suiButton6Click(Sender: TObject);
begin
  //
end;

end.d.
```

LAMPIRAN C
KUESIONER

KUESIONER SISTEM INFORMASI LOGISTIK
PD BANK PERKREDITAN RAKYAT KOTA BANDUNG

Nama : Hana-Tiasa
Jenis Kelamin : ~~Wanita~~ Pria
Pekerjaan/Jabatan : Staf Umum & Logistik

1. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang tidak perlu dicatatat kembali pada dokumen?

   ☐ Sangat Setuju
   ☑ Setuju
   ☐ Biasa - biasa saja
   ☐ Kurang Setuju
   ☐ Tidak Setuju

2. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang memudahkan anda dalam membuat laporan?

   ☐ Sangat Setuju
   ☑ Setuju
   ☐ Biasa - biasa saja
   ☐ Kurang Setuju
   ☐ Tidak Setuju

3. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang yang dibuat mudah digunakan?

   ☐ Sangat Setuju
   ☑ Setuju
   ☐ Biasa - biasa saja
   ☐ Kurang Setuju
   ☐ Tidak Setuju

4. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang memperkirakan kapan dan berapa data barang harus diadakan?

- ☐ Sangat Setuju
- ☑ Setuju
- ☐ Biasa - biasa saja
- ☐ Kurang Setuju
- ☐ Tidak Setuju

5. Apakah warna antarmuka Sistem Informasi Pengadaan dan Pendistribusian Barang yang dibuat menarik?

- ☑ Sangat Menarik
- ☐ Menarik
- ☐ Biasa - biasa saja
- ☐ Kurang Menarik
- ☐ Tidak Menarik

6. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang dalam pengolahan data hanya satu kali proses?

- ☐ Sangat Setuju
- ☑ Setuju
- ☐ Biasa - biasa saja
- ☐ Kurang Setuju
- ☐ Tidak Setuju

Saran dan Kritik

Program Sangat Menarik dan lebih tertib
usahakan data - data terdistribusikan dengan baik

Tanda Tangan Responden

PEMERINTAH PERUSAHAAN DAERAH BANK PERKREDITAN RAKYAT BANDUNG

(Hadi Triana)

KUESIONER SISTEM INFORMASI LOGISTIK
PD BANK PERKREDITAN RAKYAT KOTA BANDUNG

Nama : Lilis Kurniawati
Jenis Kelamin : P
Pekerjaan/Jabatan : Supervisor (Kasi).

1. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang tidak perlu dicatatat kembali pada dokumen?

   ☐ Sangat Setuju
   ☑ Setuju
   ☐ Biasa - biasa saja
   ☐ Kurang Setuju
   ☐ Tidak Setuju

2. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang memudahkan anda dalam membuat laporan?

   ☑ Sangat Setuju
   ☐ Setuju
   ☐ Biasa - biasa saja
   ☐ Kurang Setuju
   ☐ Tidak Setuju

3. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang yang dibuat mudah digunakan?

   ☐ Sangat Setuju
   ☑ Setuju
   ☐ Biasa - biasa saja
   ☐ Kurang Setuju
   ☐ Tidak Setuju

4. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang memperkirakan kapan dan berapa data barang harus diadakan?

- ☐ Sangat Setuju
- ☑ Setuju
- ☐ Biasa - biasa saja
- ☐ Kurang Setuju
- ☐ Tidak Setuju

5. Apakah warna antarmuka Sistem Informasi Pengadaan dan Pendistribusian Barang yang dibuat menarik?

- ☐ Sangat Menarik
- ☑ Menarik
- ☐ Biasa - biasa saja
- ☐ Kurang Menarik
- ☐ Tidak Menarik

6. Apakah Sistem Informasi Pengadaan dan Pendistribusian Barang dalam pengolahan data hanya satu kali proses?

- ☑ Sangat Setuju
- ☐ Setuju
- ☐ Biasa - biasa saja
- ☐ Kurang Setuju
- ☐ Tidak Setuju

Saran dan Kritik

.....

.....

Tanda Tangan Responden

PEMERINTAH KOTA BANDUNG
PERUSAHAAN DAERAH BANK PERKREDITAN RAKYAT

(Lilis Kurniawati)

LAMPIRAN D
SURAT DARI PERUSAHAAN

SURAT-SURAT DARI PERUSAHAAN

Model BP. 88

PEMERINTAH KOTA BANDUNG
PERUSAHAAN DAERAH BANK PERKREDITAN RAKYAT

Komp. Pertokoan ITC Kebon Kalapa Blok R2 Lantai III dan IV,
Telp. 5235215, 5235216, 5235217 - Fax. 5235218 - B A N D U N G 40252

K e p a d a
Yth. Bapak Direksi
Melalui Ka. Bag. Umum
PD. BPR Kota Bandung

PENGAJUAN PERMOHONAN BARANG / CETAKAN
Nomor :

Dengan ini kami,
Nama :
Jabatan :
Unit Kerja :

Untuk memenuhi kebutuhan Unit Kerja kami, dengan ini kami mengajukan barang kiranya dapat dikeluarkan dari persediaan yang ada di gudang Bagian Umum. Adapun rincian barang sebagai berikut :

No	NAMA BARANG	JUMLAH YANG DIUSULKAN	JUMLAH YANG DISETUJUI	KETERANGAN
1	2	3	4	5

Mengetahui / Menyetujui :
Ka. Bag. Umum,

Ka. Sie. RTP,

Bandung, ... 200 ...
Pemohon

1. Kepala Bagian Umum
2. Kepala Bagian Pembukuan
3. Arsip

PD. BANK PERKREDITAN RAKYAT
KOTA BANDUNG

Model : BP.01

Jl. Naripan No. 29 Telp. (022) 4207147 - 4203778 Fax. (022) 4207178
BANDUNG

Bandung, 19 Februari 2010

Nomor : 800/ 111 -PD.BPR
Sifat : Biasa
Lampiran : -
Perihal : **Permohonan Penelitian**

Kepada :
Yth. Ketua Jurusan Teknik Informatika
Universitas Komputer Indonesia
di
Bandung

Menunjuk Surat dari Universitas Komputer Indonesia Nomor : 040/LP-S1/TIF-FTIK/UNIKOM/II/2010 tanggal 19 Februari 2010 perihal Permohonan Penelitian.
Dengan ini disampaikan bahwa untuk tujuan tersebut :

Nama : Listya Kartika S
NIM : 10106217
Pekerjaan : Mahasiswa Teknik Informatika Unikom

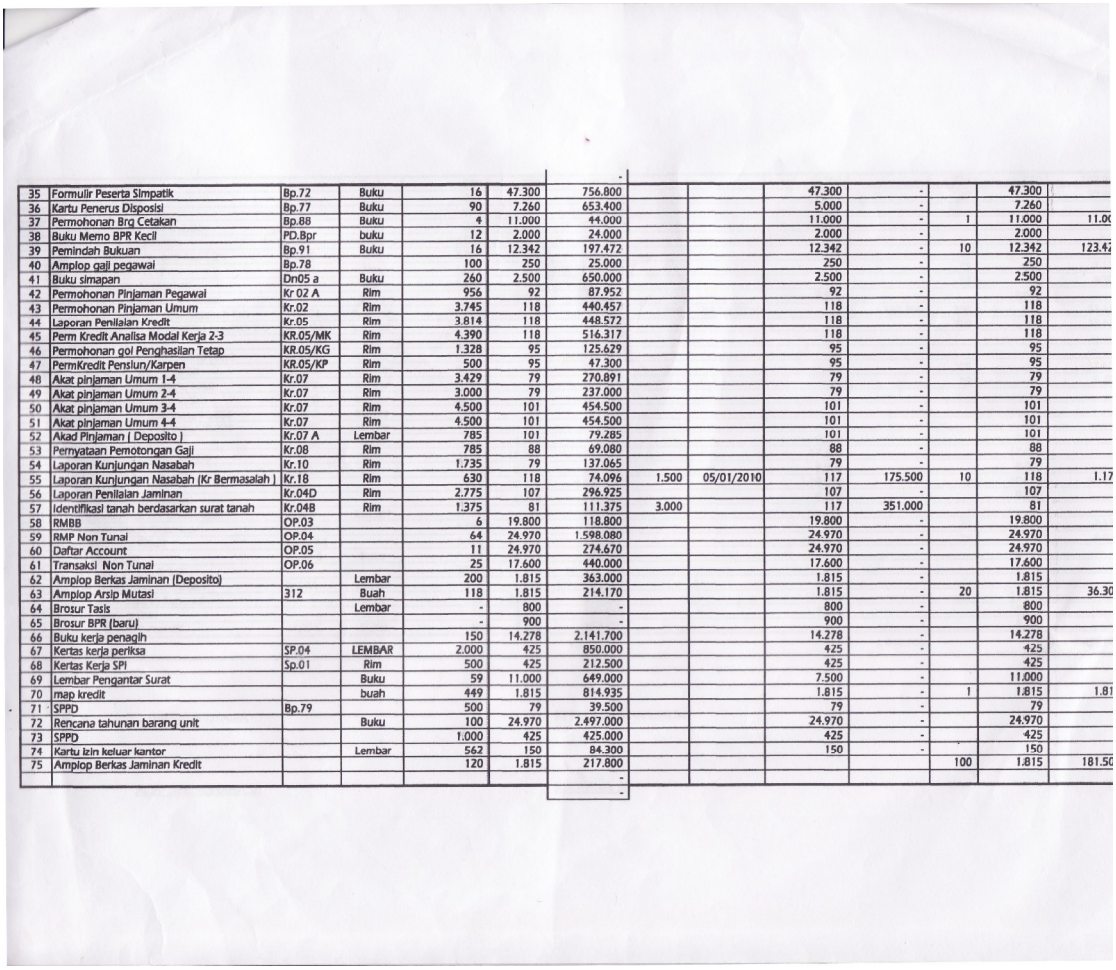
Pada prinsipnya kami menyetujui untuk melakukan penelitian di lingkungan PD.BPR Kota Bandung, namun demikian untuk mengikuti ketentuan / peraturan yang berlaku dilingkungan PD.BPR Kota Bandung.

Demikian untuk menjadi maklum.

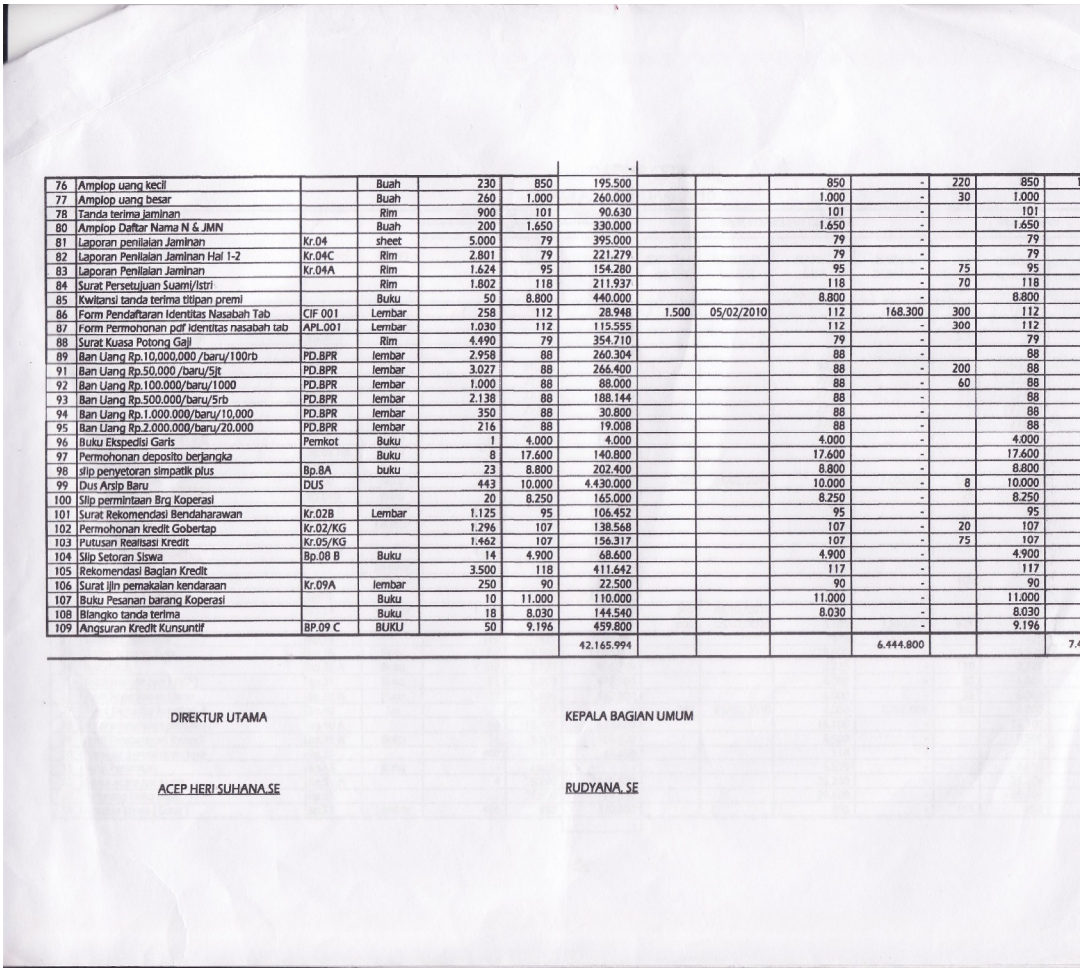
PD BANK PERKREDITAN RAKYAT
KOTA BANDUNG
Ub
BAGIAN UMUM

PEMERINTAH KOTA BANDUNG
PERUSAHAAN DAERAH BANK PERKREDITAN RAKYAT

RUDYANA,SE



						-								
35	Formulir Peserta Simpatik	Bp.72	Buku	16	47.300	756.800			47.300	-		47.300		
36	Kartu Penerus Disposisi	Bp.77	Buku	90	7.260	653.400			5.000	-		7.260		
37	Permohonan Brg Cetakan	Bp.88	Buku	4	11.000	44.000			11.000	-	1	11.000	11.0	
38	Buku Memo BPR Kecil	PD.Bpr	buku	12	2.000	24.000			2.000	-		2.000		
39	Pemindah Bukuan	Bp.91	Buku	16	12.342	197.472			12.342	-	10	12.342	123.4	
40	Amplop gaji pegawai	Bp.78		100	250	25.000			250	-		250		
41	Buku simapan	Dn05 a	Buku	260	2.500	650.000			2.500	-		2.500		
42	Permohonan Pinjaman Pegawai	Kr 02 A	Rim	956	92	87.952			92	-		92		
43	Permohonan Pinjaman Umum	Kr.02	Rim	3.745	118	440.457			118	-		118		
44	Laporan Penilaian Kredit	Kr.05	Rim	3.814	118	448.572			118	-		118		
45	Perm Kredit Analisa Modal Kerja 2-3	KR.05/MK	Rim	4.390	118	516.317			118	-		118		
46	Permohonan gol Penghasilan Tetap	KR.05/KG	Rim	1.328	95	125.629			95	-		95		
47	PermKredit Penslun/Karpen	KR.05/KP	Rim	500	95	47.300			95	-		95		
48	Akat pinjaman Umum 1-4	Kr.07	Rim	3.429	79	270.891			79	-		79		
49	Akat pinjaman Umum 2-4	Kr.07	Rim	3.000	79	237.000			79	-		79		
50	Akat pinjaman Umum 3-4	Kr.07	Rim	4.500	101	454.500			101	-		101		
51	Akat pinjaman Umum 4-4	Kr.07	Rim	4.500	101	454.500			101	-		101		
52	Akad Pinjaman (Deposito)	Kr.07 A	Lembar	785	101	79.285			101	-		101		
53	Pernyataan Pemotongan Gaji	Kr.08	Rim	785	88	69.080			88	-		88		
54	Laporan Kunjungan Nasabah	Kr.10	Rim	1.735	79	137.065			79	-		79		
55	Laporan Kunjungan Nasabah (Kr Bermasalah)	Kr.18	Rim	630	118	74.096	1.500	05/01/2010	117	175.500	10	118	1.17	
56	Laporan Penilaian Jaminan	Kr.04D	Rim	2.775	107	296.925			107	-		107		
57	Identifikasi tanah berdasarkan surat tanah	Kr.04B	Rim	1.375	81	111.375	3.000		117	351.000		81		
58	RMBB	OP.03		6	19.800	118.800			19.800	-		19.800		
59	RMP Non Tunai	OP.04		64	24.970	1.598.080			24.970	-		24.970		
60	Daftar Account	OP.05		11	24.970	274.670			24.970	-		24.970		
61	Transaksi Non Tunai	OP.06		25	17.600	440.000			17.600	-		17.600		
62	Amplop Berkas Jaminan (Deposito)		Lembar	200	1.815	363.000			1.815	-		1.815		
63	Amplop Arsip Mutasi	312	Buah	118	1.815	214.170			1.815	-	20	1.815	36.3	
64	Brosur Tasis		Lembar	-	800	-			800	-		800		
65	Brosur BPR (baru)			-	900	-			900	-		900		
66	Buku kerja penagih			150	14.278	2.141.700			14.278	-		14.278		
67	Kertas kerja periksa	SP.04	LEMBAR	2.000	425	850.000			425	-		425		
68	Kertas Kerja SPI	Sp.01	Rim	500	425	212.500			425	-		425		
69	Lembar Pengantar Surat		Buku	59	11.000	649.000			7.500	-		11.000		
70	map kredit		buah	449	1.815	814.935			1.815	-	1	1.815	1.81	
71	SPPD	Bp.79		500	79	39.500			79	-		79		
72	Rencana tahunan barang unit		Buku	100	24.970	2.497.000			24.970	-		24.970		
73	SPPD			1.000	425	425.000			425	-		425		
74	Kartu Izin keluar kantor		Lembar	562	150	84.300			150	-		150		
75	Amplop Berkas Jaminan Kredit			120	1.815	217.800					100	1.815	181.5	
						-								
						-								



76	Amplop uang kecil		Buah	230	850	195.500			850	-	220	850	
77	Amplop uang besar		Buah	260	1.000	260.000			1.000	-	30	1.000	
78	Tanda terima jaminan		Rim	900	101	90.630			101	-		101	
80	Amplop Daftar Nama N & JMN		Buah	200	1.650	330.000			1.650	-		1.650	
81	Laporan penilaian Jaminan	Kr.04	sheet	5.000	79	395.000			79	-		79	
82	Laporan Penilaian Jaminan Hal 1-2	Kr.04C	Rim	2.801	79	221.279			79	-		79	
83	Laporan Penilaian Jaminan	Kr.04A	Rim	1.624	95	154.280			95	-	75	95	
84	Surat Persetujuan Suami/Istri		Rim	1.802	118	211.937			118	-	70	118	
85	Kwitansi tanda terima titipan premi		Buku	50	8.800	440.000			8.800	-		8.800	
86	Form Pendaftaran Identitas Nasabah Tab	CIF 001	Lembar	258	112	28.948	1.500	05/02/2010	112	168.300	300	112	
87	Form Permohonan pdf identitas nasabah tab	APL.001	Lembar	1.030	112	115.555			112	-	300	112	
88	Surat Kuasa Potong Gaji		Rim	4.490	79	354.710			79	-		79	
89	Ban Uang Rp.10,000,000 /baru/100rb	PD.BPR	lembar	2.958	88	260.304			88	-		88	
91	Ban Uang Rp.50,000 /baru/5jt	PD.BPR	lembar	3.027	88	266.400			88	-	200	88	
92	Ban Uang Rp.100.000/baru/1000	PD.BPR	lembar	1.000	88	88.000			88	-	60	88	
93	Ban Uang Rp.500.000/baru/5rb	PD.BPR	lembar	2.138	88	188.144			88	-		88	
94	Ban Uang Rp.1.000.000/baru/10,000	PD.BPR	lembar	350	88	30.800			88	-		88	
95	Ban Uang Rp.2.000.000/baru/20.000	PD.BPR	lembar	216	88	19.008			88	-		88	
96	Buku Ekspedisi Garis	Pemkot	Buku	1	4.000	4.000			4.000	-		4.000	
97	Permohonan deposito berjangka		Buku	8	17.600	140.800			17.600	-		17.600	
98	slip penyetoran simpatik plus	Bp.8A	buku	23	8.800	202.400			8.800	-		8.800	
99	Dus Arsip Baru	DUS		443	10.000	4.430.000			10.000	-	8	10.000	
100	Slip permintaan Brg Koperasi			20	8.250	165.000			8.250	-		8.250	
101	Surat Rekomendasi Bendaharawan	Kr.02B	Lembar	1.125	95	106.452			95	-		95	
102	Permohonan kredit Gobertap	Kr.02/KG		1.296	107	138.568			107	-	20	107	
103	Putusan Realisasi Kredit	Kr.05/KG		1.462	107	156.317			107	-	75	107	
104	Slip Setoran Siswa	Bp.08 B	Buku	14	4.900	68.600			4.900	-		4.900	
105	Rekomendasi Bagian Kredit			3.500	118	411.642			117	-		117	
106	Surat ijin pemakaian kendaraan	Kr.09A	lembar	250	90	22.500			90	-		90	
107	Buku Pesanan barang Koperasi		Buku	10	11.000	110.000			11.000	-		11.000	
108	Blangko tanda terima		Buku	18	8.030	144.540			8.030	-		8.030	
109	Angsuran Kredit Kunsuntif	BP.09 C	BUKU	50	9.196	459.800				-		9.196	
						42.165.994				6.444.800			7.4

DIREKTUR UTAMA

ACEP HERI SUHANA,SE

KEPALA BAGIAN UMUM

RUDYANA, SE