**Unit3.pas**

unit Unit3;

interface

uses

Winapi.Windows, Winapi.Messages, System.SysUtils, System.Variants, System.Classes, Vcl.Graphics,

Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Data.DB, Vcl.StdCtrls, Vcl.ComCtrls,

Vcl.Mask, Vcl.DBCtrls, Data.Win.ADODB, Vcl.Grids, Vcl.DBGrids, Vcl.Menus;

type

TForm3 = class(TForm)

ADOConnection1: TADOConnection;

MainMenu1: TMainMenu;

Dosya1: TMenuItem;

k1: TMenuItem;

AbonelikSorgulama1: TMenuItem;

AbonelikSorgulama2: TMenuItem;

FaturaKayt1: TMenuItem;

Y1: TMenuItem;

query\_tabloları\_sil: TADOQuery;

DataSource1: TDataSource;

query\_fatura\_tablo\_yedek: TADOQuery;

DataSource2: TDataSource;

query\_borc\_tablo\_yedek: TADOQuery;

DataSource3: TDataSource;

procedure k1Click(Sender: TObject);

procedure FaturaKayt1Click(Sender: TObject);

procedure AbonelikSorgulama1Click(Sender: TObject);

procedure AbonelikSorgulama2Click(Sender: TObject);

procedure Y1Click(Sender: TObject);

private

{ Private declarations }

public

{ Public declarations }

end;

var

Form3: TForm3;

implementation

uses fatura\_kayit, fatura\_bilgi, fatura\_odeme;

{$R \*.dfm}

procedure TForm3.AbonelikSorgulama1Click(Sender: TObject);

begin

Application.CreateForm(Tf\_fatura\_bilgi, f\_fatura\_bilgi);

f\_fatura\_bilgi.ShowModal;

f\_fatura\_bilgi.Free;

end;

procedure TForm3.AbonelikSorgulama2Click(Sender: TObject);

begin

Application.CreateForm(Tf\_fatura\_odeme, f\_fatura\_odeme);

f\_fatura\_odeme.ShowModal;

f\_fatura\_odeme.Free;

end;

procedure TForm3.FaturaKayt1Click(Sender: TObject);

begin

Application.CreateForm(Tf\_fatura\_kayit, f\_fatura\_kayit);

f\_fatura\_kayit.ShowModal;

f\_fatura\_kayit.Free;

end;

procedure TForm3.k1Click(Sender: TObject);

begin

if(Application.MessageBox('Program Kapatılsın Mı?','UYARI',MB\_YESNO+MB\_ICONSTOP) = mrYes) Then

Close;

end;

procedure TForm3.Y1Click(Sender: TObject);

begin

query\_tabloları\_sil.Close;

query\_tabloları\_sil.ExecSQL;

query\_fatura\_tablo\_yedek.Close;

query\_fatura\_tablo\_yedek.ExecSQL;

query\_borc\_tablo\_yedek.Close;

query\_borc\_tablo\_yedek.ExecSQL;

ShowMessage('Yedek alındı.'); // Yedek tablosu Win32/Debug içinde

end;

end.

**fatura\_bilgi.pas**

unit fatura\_bilgi;

interface

uses

Winapi.Windows, Winapi.Messages, System.SysUtils, System.Variants, System.Classes, Vcl.Graphics,

Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Vcl.StdCtrls, System.Math, Vcl.Buttons,

Data.DB, Data.Win.ADODB, Vcl.ExtCtrls;

type

Tf\_fatura\_bilgi = class(TForm)

Edit1: TEdit;

Edit2: TEdit;

Button1: TButton;

Label1: TLabel;

DataSource1: TDataSource;

ADOQuery1: TADOQuery;

ADOQuery1adet: TIntegerField;

ADOQuery2: TADOQuery;

DataSource2: TDataSource;

ADOQuery2aboneno: TIntegerField;

ADOQuery2adsoy: TWideStringField;

ADOQuery2bolge: TWideStringField;

Panel1: TPanel;

Label2: TLabel;

Label3: TLabel;

Label4: TLabel;

Label5: TLabel;

Label6: TLabel;

Label7: TLabel;

Label8: TLabel;

Label9: TLabel;

DataSource3: TDataSource;

ADOQuery3: TADOQuery;

ADOQuery3borctutari: TBCDField;

Label10: TLabel;

Label11: TLabel;

procedure FormCreate(Sender: TObject);

procedure Button1Click(Sender: TObject);

procedure Edit1KeyPress(Sender: TObject; var Key: Char);

procedure Edit2KeyPress(Sender: TObject; var Key: Char);

private

{ Private declarations }

public

{ Public declarations }

end;

var

f\_fatura\_bilgi: Tf\_fatura\_bilgi;

implementation

uses Unit3;

{$R \*.dfm}

var rndsayi:integer;

procedure Tf\_fatura\_bilgi.Button1Click(Sender: TObject);

begin

ADOQuery1.Close;

ADOQuery1.Parameters[0].Value:=StrToInt(Edit1.Text);

ADOQuery1.Open;

ADOQuery2.Close;

ADOQuery2.Parameters[0].Value:=StrToInt(Edit1.Text);

ADOQuery2.Open;

ADOQuery3.Close;

ADOQuery3.Parameters[0].Value:=StrToInt(Edit1.Text);

ADOQuery3.Open;

if Edit2.Text=inttostr(rndsayi) then

if ADOQuery1adet.Value<>0 then

begin

label3.Caption:=ADOQuery2adsoy.Value;

label5.Caption:=inttostr(ADOQuery2aboneno.Value);

label7.Caption:=ADOQuery2bolge.Value;

if ADOQuery3borctutari.Value=0 then

label9.Caption:='Bağlı'

else

label9.Caption:='Bağlı Değil';

Panel1.Visible:=true;

end

else

ShowMessage('Geçersiz bir abone numarası girdiniz.Lütfen tekrar deneyiniz.')

else

begin

ShowMessage('Geçersiz güvenlik kodu');

rndsayi:=RandomRange(999,10000);

Label1.Caption:=IntToStr(rndsayi);

end;

end;

procedure EditeSadeceSayiGir(Sender: TObject; var Key: Char);

begin

if not (key in ['0'..'9', #8]) then

Key := #0

end;

procedure Tf\_fatura\_bilgi.Edit1KeyPress(Sender: TObject; var Key: Char);

begin

EditeSadeceSayiGir(Sender, Key);

end;

procedure Tf\_fatura\_bilgi.Edit2KeyPress(Sender: TObject; var Key: Char);

begin

EditeSadeceSayiGir(Sender, Key);

end;

procedure Tf\_fatura\_bilgi.FormCreate(Sender: TObject);

begin

rndsayi:=RandomRange(999,10000);

Label1.Caption:=IntToStr(rndsayi);

end;

end.

**fatura\_kayit.pas**

unit fatura\_kayit;

interface

uses

Winapi.Windows, Winapi.Messages, System.SysUtils, System.Variants, System.Classes, Vcl.Graphics,

Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Data.DB, Data.Win.ADODB,

Vcl.StdCtrls, Vcl.ComCtrls, Vcl.Grids, Vcl.DBGrids, Unit3, Vcl.ExtCtrls;

type

TF\_fatura\_kayit = class(TForm)

Label1: TLabel;

Label2: TLabel;

Label3: TLabel;

Label4: TLabel;

Label5: TLabel;

Label6: TLabel;

Label7: TLabel;

DBGrid1: TDBGrid;

Button1: TButton;

ComboBox1: TComboBox;

DateTimePicker1: TDateTimePicker;

Edit1: TEdit;

Edit3: TEdit;

Edit2: TEdit;

Edit4: TEdit;

Edit5: TEdit;

DataSource1: TDataSource;

DataSource2: TDataSource;

ADOQuery1: TADOQuery;

ADOTable1: TADOTable;

ADOTable1aboneno: TIntegerField;

ADOTable1adsoyad: TWideStringField;

ADOTable1adres: TWideStringField;

ADOTable1turu: TWideStringField;

ADOTable1okumatarihi: TDateTimeField;

ADOTable1ilkendeks: TIntegerField;

ADOTable1sonendeks: TIntegerField;

ADOTable1tuketilen: TIntegerField;

ADOTable1birimfiyat: TBCDField;

ADOTable1subedeli: TBCDField;

ADOTable1kdv: TBCDField;

ADOTable1toplamtutar: TBCDField;

ADOTable1sonodemetarihi: TDateTimeField;

ADOQuery2: TADOQuery;

DataSource3: TDataSource;

ADOQuery2adet: TIntegerField;

ADOQuery3: TADOQuery;

DataSource4: TDataSource;

procedure Button1Click(Sender: TObject);

procedure FormActivate(Sender: TObject);

procedure FormClose(Sender: TObject; var Action: TCloseAction);

procedure Edit1KeyPress(Sender: TObject; var Key: Char);

procedure Edit5KeyPress(Sender: TObject; var Key: Char);

procedure Edit4KeyPress(Sender: TObject; var Key: Char);

procedure Edit2KeyPress(Sender: TObject; var Key: Char);

private

{ Private declarations }

public

{ Public declarations }

end;

var

F\_fatura\_kayit: TF\_fatura\_kayit;

implementation

{$R \*.dfm}

procedure TF\_fatura\_kayit.Button1Click(Sender: TObject);

var birimfiyat,subedeli,kdv:single;

tuketilen,adet:integer;

begin

ADOQuery2.Close;

ADOQuery2.Parameters[0].Value:=StrToInt(Edit1.Text);

ADOQuery2.Open;

if StrToInt(Edit4.Text)<StrToInt(Edit5.Text) then

begin

if (Edit1.Text<>'') and (Edit2.Text<>'') and (Edit3.Text<>'') and (ComboBox1.ItemIndex<>-1) and (Edit4.Text<>'') and (Edit5.Text<>'') then

begin

if ADOQuery2adet.Value=0 then

begin

ADOQuery1.Close;

ADOQuery1.Parameters[0].Value:=StrToInt(Edit1.Text);

ADOQuery1.Parameters[1].Value:=Edit2.Text;

ADOQuery1.Parameters[2].Value:=Edit3.Text;

ADOQuery1.Parameters[3].Value:=ComboBox1.Items[ComboBox1.ItemIndex];

ADOQuery1.Parameters[4].Value:=DateTimePicker1.DateTime;

ADOQuery1.Parameters[5].Value:=StrToInt(Edit4.Text);

ADOQuery1.Parameters[6].Value:=StrToInt(Edit5.Text);

tuketilen:=StrToInt(Edit5.Text)-StrToInt(Edit4.Text);

ADOQuery1.Parameters[7].Value:=tuketilen;

if ComboBox1.ItemIndex=0 then

birimfiyat:=4.98

else

birimfiyat:=12.72;

ADOQuery1.Parameters[8].Value:=birimfiyat;

subedeli:=birimfiyat\*tuketilen;

ADOQuery1.Parameters[9].Value:=subedeli;

kdv:=subedeli\*0.8;

ADOQuery1.Parameters[10].Value:=kdv;

ADOQuery1.Parameters[11].Value:=kdv+subedeli;

ADOQuery1.Parameters[12].Value:=StrToDateTime(DateTimeToStr(DateTimePicker1.DateTime+15));

ADOQuery1.ExecSQL;

ADOQuery3.Close;

ADOQuery3.Parameters[0].Value:=StrToInt(Edit1.Text);

ADOQuery3.Parameters[1].Value:=kdv+subedeli;

ADOQuery3.Parameters[2].Value:=0;

ADOQuery3.Parameters[3].Value:=kdv+subedeli;

ADOQuery3.ExecSQL;

ShowMessage('Kayıt Edildi.');

Edit1.Clear;

Edit2.Clear;

Edit3.Clear;

Edit4.Clear;

Edit5.Clear;

ComboBox1.Text:='Seçiniz...';

end

else

ShowMessage('Bu abone no ile daha önce kayıt yapılmış.');

end

else

ShowMessage('Lütfen hiçbir alanı boş geçmeyiniz.');

end

else

ShowMessage('İlk endex son endexden küçük olmalı.');

ADOTable1.Close;

ADOTable1.Open;

end;

procedure TF\_fatura\_kayit.FormActivate(Sender: TObject);

begin

ADOTable1.Open;

end;

procedure TF\_fatura\_kayit.FormClose(Sender: TObject; var Action: TCloseAction);

begin

ADOTable1.Close;

end;

procedure EditeSadeceSayiGir(Sender: TObject; var Key: Char);

begin

if not (key in ['0'..'9', #8]) then

Key := #0

end;

procedure EditeSadeceHarfGir(Sender: TObject; var Key: Char);

begin

const

CHAR\_LIST = '1234567890ABC...';

if Pos(Key, CHAR\_LIST) > 0 then

Key := #0;

end;

procedure TF\_fatura\_kayit.Edit1KeyPress(Sender: TObject; var Key: Char);

begin

EditeSadeceSayiGir(Sender, Key);

end;

procedure TF\_fatura\_kayit.Edit2KeyPress(Sender: TObject; var Key: Char);

begin

EditeSadeceHarfGir(Sender, Key);

end;

procedure TF\_fatura\_kayit.Edit4KeyPress(Sender: TObject; var Key: Char);

begin

EditeSadeceSayiGir(Sender, Key);

end;

procedure TF\_fatura\_kayit.Edit5KeyPress(Sender: TObject; var Key: Char);

begin

EditeSadeceSayiGir(Sender, Key);

end;

end.

**fatura\_odeme.pas**

unit fatura\_odeme;

interface

uses

Winapi.Windows, Winapi.Messages, System.SysUtils, System.Variants, System.Classes, Vcl.Graphics,

Vcl.Controls, Vcl.Forms, Vcl.Dialogs, Data.DB, Data.Win.ADODB, Vcl.StdCtrls;

type

Tf\_fatura\_odeme = class(TForm)

Edit1: TEdit;

Button1: TButton;

Edit2: TEdit;

Label1: TLabel;

Label2: TLabel;

ADOQuery1: TADOQuery;

DataSource1: TDataSource;

DataSource2: TDataSource;

ADOQuery2: TADOQuery;

Label3: TLabel;

Button2: TButton;

ADOQuery1toplamtutar: TBCDField;

ADOQuery1borctutari: TBCDField;

DataSource3: TDataSource;

ADOQuery3: TADOQuery;

ADOQuery3adet: TIntegerField;

procedure Button2Click(Sender: TObject);

procedure Button1Click(Sender: TObject);

procedure Edit2KeyPress(Sender: TObject; var Key: Char);

procedure Edit1KeyPress(Sender: TObject; var Key: Char);

private

{ Private declarations }

public

{ Public declarations }

end;

var

f\_fatura\_odeme: Tf\_fatura\_odeme;

implementation

uses Unit3;

{$R \*.dfm}

procedure Tf\_fatura\_odeme.Button1Click(Sender: TObject);

var paraustu:single;

begin

ADOQuery1.Close;

ADOQuery1.Open;

if strtofloat(Edit2.Text)>=ADOQuery1borctutari.Value then

begin

ADOQuery2.Close;

ADOQuery2.Parameters[0].Value:=strtofloat(Edit2.Text);

ADOQuery2.Parameters[1].Value:=0;

ADOQuery2.Parameters[2].Value:=strtoint(Edit1.Text);

ADOQuery2.ExecSQL;

ShowMessage('Borcunuz ödenmiştir.');

paraustu:=strtofloat(Edit2.Text)-ADOQuery1borctutari.Value;

if paraustu>0 then

ShowMessage('Para üstünüz= '+floattostr(Round(paraustu)));

end

else

Label3.Caption:='Yetersiz TL. Lütfen en az '+ floattostr(ADOQuery1borctutari.Value) +' TL ödeme yapınız.';

end;

procedure Tf\_fatura\_odeme.Button2Click(Sender: TObject);

begin

ADOQuery1.Close;

ADOQuery1.Parameters[0].Value:=strtoint(Edit1.Text);

ADOQuery1.Open;

ADOQuery3.Close;

ADOQuery3.Parameters[0].Value:=StrToInt(Edit1.Text);

ADOQuery3.Open;

if ADOQuery3adet.Value<>0 then

begin

if ADOQuery1borctutari.Value=0 then

Label3.Caption:='Abone numarasına ait borç bulunmamaktadır.'

else

begin

Label3.Caption:= FloatToStr(ADOQuery1borctutari.Value)+' TL borcunuz bulunmaktadır.';

Edit2.Visible:=true;

Label2.Visible:=true;

Button1.Visible:=true;

Button2.Visible:=false;

end;

end

else

ShowMessage('Bu abone numarasına ait kayıt bulunamadı.');

end;

procedure EditeSadeceSayiGir(Sender: TObject; var Key: Char; Ondalikli: Boolean = True);

begin

if Ondalikli then

begin

if not (key in ['0'..'9', #8, '.', ',']) then

Key := #0

end

else

begin

if not (key in ['0'..'9', #8]) then

Key := #0

end;

end;

procedure Tf\_fatura\_odeme.Edit1KeyPress(Sender: TObject; var Key: Char);

begin

EditeSadeceSayiGir(Sender, Key, False);

end;

procedure Tf\_fatura\_odeme.Edit2KeyPress(Sender: TObject; var Key: Char);

begin

EditeSadeceSayiGir(Sender, Key);

end;

end.