

LAMPIRAN

A

*** Form Menu**

```
unit UMenu;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics,
  Controls, Forms,
  Dialogs, Menus;

type
  TfrmMenu = class(TForm)
    MainMenu1: TMainMenu;
    Menu1: TMenuItem;
    TambahData1: TMenuItem;
    Edit1: TMenuItem;
    EditData1: TMenuItem;
    Exit1: TMenuItem;
    Report1: TMenuItem;
    LaporanPemakaiSistem1: TMenuItem;
    Aplikasi1: TMenuItem;
    AplikasiWebcam1: TMenuItem;
    Exit2: TMenuItem;
    About1: TMenuItem;
    procedure TambahData1Click(Sender: TObject);
    procedure Exit1Click(Sender: TObject);
    procedure EditData1Click(Sender: TObject);
    procedure FormCreate(Sender: TObject);
    procedure LaporanPemakaiSistem1Click(Sender: TObject);
    procedure AplikasiWebcam1Click(Sender: TObject);
    procedure Exit2Click(Sender: TObject);
    procedure About1Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  frmMenu: TfrmMenu;

implementation

uses UTambah, ULihatData, UReport, UApp1, UAbout;
```

```
{ $R *.dfm }

procedure TfrmMenu.FormCreate(Sender: TObject);
begin
    frmMenu.BorderIcons:=[];
end;

procedure TfrmMenu.TambahData1Click(Sender: TObject);
begin
    frmInputData.Table1.Active:=true;
    frmInputData.BorderIcons:=[];
    frmInputData.show;
    frmInputData.imView.Picture.Bitmap;
    frmInputData.table1.append;
    frmMenu.Enabled:=false;
end;

procedure TfrmMenu.EditData1Click(Sender: TObject);
begin
    frmLihatData.Table1.Active:=true;
    frmLihatData.BorderIcons:=[];
    frmLihatData.show;
    frmLihatData.FotoView.Picture.Bitmap;
    frmLihatData.BitBtnDel.Visible:=False;
    frmLihatData.BitBtnSave.Visible:=False;
    frmLihatData.BitBtnAdd.Visible:=False;
    frmMenu.Enabled:=false;
end;

procedure TfrmMenu.Exit1Click(Sender: TObject);
begin
    if (MessageDlg('Benar ingin keluar
?', mtInformation, [mbyes, mbno], 0)=mryes) then
        Application.Terminate;
end;

procedure TfrmMenu.LaporanPemakaiSistem1Click(Sender:
TObject);
begin
    frmReport.Query1.Open;

    frmReport.QRImage1.Picture.LoadFromFile(frmReport.Query1['Fot
o']);
    frmReport.QuickRep1.preview;
end;

procedure TfrmMenu.AplikasiWebcam1Click(Sender: TObject);
```

```
begin
    frmApp1.Table1.Active:=true;
    frmApp1.show;
    frmApp1.EditNIP.Text:='';
    frmApp1.EditNIP.SetFocus;
    frmMenu.Enabled:=false;
end;

procedure TfrmMenu.Exit2Click(Sender: TObject);
begin
    Close;
end;

procedure TfrmMenu.About1Click(Sender: TObject);
begin
    frmAbout.show;
    frmAbout.BorderIcons:=[];
end;

end.
```

*** Form Input Data**

```
unit UTambah;

interface

uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics,
    Controls, Forms,
    Dialogs, JPEG, VideoCap, mmSystem, DB, DBTables, StdCtrls,
    Buttons, Mask,
    DBCtrls, ExtCtrls, unGenFP;

type
    TfrmInputData = class(TForm)
        Label1: TLabel;
        Label2: TLabel;
        Label3: TLabel;
        Label4: TLabel;
        Label5: TLabel;
        Label6: TLabel;
        BitBtnSave: TBitBtn;
        BitBtnAdd: TBitBtn;
        Table1: TTable;
        DataSource1: TDataSource;
    end;
```

```
    BitBtnClose: TBitBtn;
    Label7: TLabel;
    DBEdit1: TDBEdit;
    DBEdit2: TDBEdit;
    DBEdit3: TDBEdit;
    DBEdit4: TDBEdit;
    DBEdit5: TDBEdit;
    DBEdit6: TDBEdit;
    VideoLabel: TLabel;
    imView: TImage;
    btCapture: TSpeedButton;
    btSave: TSpeedButton;
    VideoArea: TPanel;
    edTemp: TDBEdit;
    procedure BitBtnSaveClick(Sender: TObject);
    procedure BitBtnAddClick(Sender: TObject);
    procedure BitBtnCloseClick(Sender: TObject);
    procedure FormShow(Sender: TObject);
    procedure FormCloseQuery(Sender: TObject; var CanClose:
Boolean);
    procedure btCaptureClick(Sender: TObject);
    procedure btSaveClick(Sender: TObject);

private
    { Private declarations }
public
    { Public declarations }
end;

var
    frmInputData: TfrmInputData;

implementation

uses UMenu, UVerify;

{$R *.dfm}

procedure TfrmInputData.BitBtnSaveClick(Sender: TObject);
begin
    frmVerify.Visible:=true;
    BitBtnSave.Enabled:=true;
    frmInputData.Enabled:=false;
end;

procedure TfrmInputData.BitBtnAddClick(Sender: TObject);
begin
```

```
        table1.Append;
        BitBtnAdd.Enabled:=true;
        imView.Picture.Bitmap;
end;

procedure TfrmInputData.BitBtnCloseClick(Sender: TObject);
begin
    Close;
    frmMenu.Enabled:=true;
end;

procedure TfrmInputData.FormShow(Sender: TObject);
begin
    camInitInCapDevice(VideoArea,VideoLabel);
    edTemp.Text := GetCurrentDir + '\Temp';
end;

procedure TfrmInputData.FormCloseQuery(Sender: TObject;
    var CanClose: Boolean);
begin
    camInitOutCapDevice;
end;

procedure TfrmInputData.btCaptureClick(Sender: TObject);
begin
    Case frmInputData.Tag of
        0 : edTemp.Text := GetCurrentDir + '\' + DBEdit1.Text +
'.jpg';
    End;
    camCaptureVideo(imView, edTemp.Text);
end;

procedure TfrmInputData.btSaveClick(Sender: TObject);
begin
    imView.Picture.SaveToFile(edTemp.Text);
end;

end.

unit UVerify;
interface

uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics,
    Controls, Forms,
```

```
Dialogs, StdCtrls, Buttons, DB, DBTables, ExtCtrls;

type
  TfrmVerify = class(TForm)
    Label1: TLabel;
    Label2: TLabel;
    BitBtn1: TBitBtn;
    BitBtn2: TBitBtn;
    Label3: TLabel;
    Label4: TLabel;
    Timer1: TTimer;
    procedure BitBtn1Click(Sender: TObject);
    procedure BitBtn2Click(Sender: TObject);
    procedure Timer1Timer(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  frmVerify: TfrmVerify;

implementation

uses UTambah;

{$R *.dfm}

procedure TfrmVerify.BitBtn1Click(Sender: TObject);
begin
  timer1.enabled:=true;
end;

procedure TfrmVerify.BitBtn2Click(Sender: TObject);
begin
  frmInputData.Enabled:=true;
  frmInputData.Show;
  frmVerify.Visible:=false;
end;

procedure TfrmVerify.Timer1Timer(Sender: TObject);
begin
  frmInputData.btCapture.Click;
  frmInputData.btSave.Click;
  frmInputData.Table1.post;
  frmVerify.Visible:=false;
end;
```

```
        frmInputData.Enabled:=true;  
        frmInputData.Show;  
        timer1.Enabled:=false;  
end;  
end.
```

*** Form Lihat Data**

```
unit ULihatData;  
  
interface  
  
uses  
    Windows, Messages, SysUtils, Variants, Classes, Graphics,  
    Controls, Forms,  
    Dialogs, ExtCtrls, DBCtrls, Grids, DBGrids, DB, DBTables,  
    StdCtrls,  
    Buttons, jpeg;  
  
type  
    TfrmLihatData = class(TForm)  
        DataSource1: TDataSource;  
        Table1: TTable;  
        DBGrid1: TDBGrid;  
        BitBtnClose: TBitBtn;  
        BitBtnEdit: TBitBtn;  
        BitBtnDel: TBitBtn;  
        BitBtnSave: TBitBtn;  
        BitBtnAdd: TBitBtn;  
        FotoView: TImage;  
        BitBtnLoad: TBitBtn;  
        procedure BitBtnCloseClick(Sender: TObject);  
        procedure BitBtnEditClick(Sender: TObject);  
        procedure BitBtnDelClick(Sender: TObject);  
        procedure FormCreate(Sender: TObject);  
        procedure BitBtnSaveClick(Sender: TObject);  
        procedure BitBtnAddClick(Sender: TObject);  
        procedure BitBtnLoadClick(Sender: TObject);  
    private  
        { Private declarations }  
    public  
        { Public declarations }  
    end;  
  
var  
    frmLihatData: TfrmLihatData;
```



```
implementation

uses UMenu;

{$R *.dfm}

procedure TfrmLihatData.FormCreate(Sender: TObject);
begin
    BitBtnDel.Visible:=False;
    BitBtnSave.Visible:=False;
    BitBtnAdd.Visible:=False;
end;

procedure TfrmLihatData.BitBtnEditClick(Sender: TObject);
begin
    BitBtnDel.Visible:=True;
    BitBtnAdd.Visible:=True;
    table1.Edit;
end;

procedure TfrmLihatData.BitBtnAddClick(Sender: TObject);
begin
    frmLihatData.table1.Append;
    BitBtnSave.Visible:=True;
end;

procedure TfrmLihatData.BitBtnDelClick(Sender: TObject);
begin
    frmLihatData.table1.Delete;
end;

procedure TfrmLihatData.BitBtnSaveClick(Sender: TObject);
begin
    frmLihatData.table1.Post;
end;

procedure TfrmLihatData.BitBtnCloseClick(Sender: TObject);
begin
    Close;
    frmMenu.Enabled:=true;
end;

procedure TfrmLihatData.BitBtnLoadClick(Sender: TObject);
begin
    FotoView.Picture.LoadFromFile(table1['Foto']);
end;
```

end;

end.

*** Form Aplikasi**

unit UApp1;

interface

uses

Windows, Messages, SysUtils, Variants, Classes, Graphics,
Controls, Forms,
Dialogs, ExtCtrls, DB, DBTables, Grids, DBGrids, StdCtrls,
Buttons;

type

TfrmApp1 = class(TForm)

Label1: TLabel;

Label2: TLabel;

Label3: TLabel;

Label4: TLabel;

EditNIP: TEdit;

BitBtn1: TBitBtn;

Table1: TTable;

DataSource1: TDataSource;

Timer1: TTimer;

Panel1: TPanel;

Panel2: TPanel;

Label5: TLabel;

procedure BitBtn1Click(Sender: TObject);

procedure FormCreate(Sender: TObject);

procedure Timer1Timer(Sender: TObject);

procedure FormClose(Sender: TObject; var Action:

TCloseAction);

private

{ Private declarations }

public

{ Public declarations }

end;

var

frmApp1: TfrmApp1;

waktu:string;

implementation

```
uses UApp2, UMenu;

{$R *.dfm}

procedure TfrmApp1.BitBtn1Click(Sender: TObject);
var Terdaptar:Boolean;
begin
    Terdaptar:=frmApp1.Table1.Locate('NIP',EditNIP.text,[]);
    if Terdaptar then
        Begin
            frmApp2.show;
            frmApp2.Table1.Active:=true;
            frmApp2.BorderIcons:=[];
            frmApp2.imView.Picture.Bitmap;
            frmApp2.EditPassword.SetFocus;
            frmApp1.Enabled:=false;
        end
    else
        Begin
            ShowMessage('Nomor Pegawai Tidak Terdaptar!!');
            EditNIP.Text:='';
            EditNIP.SetFocus;
        end;
    end;

procedure TfrmApp1.FormCreate(Sender: TObject);
begin
    Panel2.Caption :=DateToStr(Date);
    frmApp1.Table1.Active:=true;
    EditNIP.Text:='';
    panel1.BevelOuter:=bvNone;
    panel2.BevelOuter:=bvNone;
    panel1.Alignment:=taRightJustify;
    frmApp1.ClientHeight:=355;
    frmApp1.ClientWidth:=557;
    frmApp1.BorderIcons:=[biSystemMenu];
end;

procedure TfrmApp1.Timer1Timer(Sender: TObject);
begin
    DateTimeToString(waktu,'tt',time());
    panel1.Caption:=waktu;
end;

procedure TfrmApp1.FormClose(Sender: TObject; var Action:
TCloseAction);
begin
```

```
        frmMenu.Enabled:=true;
end;

end.

unit UApp2;

interface

uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics,
    Controls, Forms,
    Dialogs, JPEG, VideoCap, mmSystem, StdCtrls, ExtCtrls,
    dbTables, db,
    Buttons, unGenFP, Mask, DBCtrls;

type
    TfrmApp2 = class(TForm)
        Label1: TLabel;
        Label2: TLabel;
        EditPassword: TEdit;
        BitBtn1: TBitBtn;
        BitBtn2: TBitBtn;
        Table1: TTable;
        DataSource1: TDataSource;
        Label5: TLabel;
        VideoLabel: TLabel;
        imView: TImage;
        btCapture: TSpeedButton;
        btSave: TSpeedButton;
        VideoArea: TPanel;
        Timer1: TTimer;
        Timer2: TTimer;
        TableTemp: TTable;
        DataSource2: TDataSource;
        edTemp: TDBEdit;
        procedure FormShow(Sender: TObject);
        procedure FormCloseQuery(Sender: TObject; var CanClose:
Boolean);
        procedure BitBtn1Click(Sender: TObject);
        procedure BitBtn2Click(Sender: TObject);
        procedure FormActivate(Sender: TObject);
        procedure Timer1Timer(Sender: TObject);
        procedure btCaptureClick(Sender: TObject);
        procedure btSaveClick(Sender: TObject);
        procedure FormCreate(Sender: TObject);
```

```
    procedure Timer2Timer(Sender: TObject);

private
    { Private declarations }
public
    { Public declarations }
end;

var
    frmApp2: TfrmApp2;

implementation

uses UApp1, UPintu, UInfo, UValidasi;

{$R *.dfm}

procedure TfrmApp2.FormShow(Sender: TObject);
begin
    camInitInCapDevice(VideoArea,VideoLabel);
    edTemp.Text := GetCurrentDir + '\Temp';
end;

procedure TfrmApp2.FormCloseQuery(Sender: TObject; var
CanClose: Boolean);
begin
    camInitOutCapDevice;
end;

procedure TfrmApp2.BitBtn1Click(Sender: TObject);
var    Password :Boolean;

begin

Password:=frmApp2.Table1.Locate('Password',EditPassword.text,
[]);
    if Password then
    Begin
    timer1.Enabled:=true;
    frmInfo.Show;
    EditPassword.Text:='';
    TableTemp.Append;
    TableTemp['Tanggal']:=frmValidasi.panel2.Caption;
    TableTemp['Jam']:=frmValidasi.panel1.caption;
    TableTemp['NIP']:=frmApp1.Table1['NIP'];
    TableTemp['Nama']:=frmApp1.Table1['Nama'];
    TableTemp['Alamat']:=frmApp1.Table1['Alamat'];
```

```
end
    else
    Begin
    timer2.Enabled:=true;
    ShowMessage('Password Salah !!');
    EditPassword.Text:='';
    frmApp2.EditPassword.SetFocus;
    end;
end;

procedure TfrmApp2.BitBtn2Click(Sender: TObject);
begin
    close;
    frmApp1.enabled:=true;
    frmApp1.EditNIP.Text:='';
    frmApp1.EditNIP.SetFocus;
end;

procedure TfrmApp2.FormActivate(Sender: TObject);
begin
    label5.Caption := frmApp1.table1['Nama'];
end;

procedure TfrmApp2.Timer1Timer(Sender: TObject);
begin
    btCapture.Click;
    btSave.Click;
    frmInfo.Close;
    TableTemp.Post;
    timer1.Enabled:=false;
    frmValidasi.show;
end;

procedure TfrmApp2.btCaptureClick(Sender: TObject);
begin
    Case frmApp2.Tag of
    0 : edTemp.Text := GetCurrentDir + '\Temp' +
label5.Caption + '.jpg';
    1 : edTemp.Text := GetCurrentDir + '\OTemp';
    End;
    camCaptureVideo(imView, edTemp.Text);
end;

procedure TfrmApp2.btSaveClick(Sender: TObject);
begin
    imView.Picture.SaveToFile(edTemp.Text);
end;
```

```
procedure TfrmApp2.FormCreate(Sender: TObject);
begin
    EditPassword.Text:=''
end;

procedure TfrmApp2.Timer2Timer(Sender: TObject);
begin
    btCapture.Click;
    btSave.Click;
    timer2.Enabled:=false;
end;

end.

unit UInfo;

interface

uses
    Windows, Messages, SysUtils, Variants, Classes, Graphics,
    Controls, Forms,
    Dialogs, StdCtrls;

type
    TfrmInfo = class(TForm)
        Label1: TLabel;
        Label2: TLabel;
        procedure FormCreate(Sender: TObject);
    private
        { Private declarations }
    public
        { Public declarations }
    end;

var
    frmInfo: TfrmInfo;

implementation

{$R *.dfm}

procedure TfrmInfo.FormCreate(Sender: TObject);
begin
    frmInfo.BorderIcons:=[];
end;
```

end.

*** Form Validasi**

```
unit UValidasi;
```

```
interface
```

```
uses
```

```
  Windows, Messages, SysUtils, Variants, Classes, Graphics,  
  Controls, Forms,  
  Dialogs, DB, DBTables, StdCtrls, ExtCtrls, Mask, DBCtrls;
```

```
type
```

```
  TfrmValidasi = class(TForm)  
    imgNow: TImage;  
    imgTable: TImage;  
    Button1: TButton;  
    Label1: TLabel;  
    Table1: TTable;  
    DataSource1: TDataSource;  
    Label2: TLabel;  
    Label3: TLabel;  
    Button2: TButton;  
    Button3: TButton;  
    Label4: TLabel;  
    Label5: TLabel;  
    Label6: TLabel;  
    Label7: TLabel;  
    Label8: TLabel;  
    Label10: TLabel;  
    Label11: TLabel;  
    Label9: TLabel;  
    Button4: TButton;  
    Panel2: TPanel;  
    Timer1: TTimer;  
    Panel1: TPanel;  
    Timer2: TTimer;  
    DataSource2: TDataSource;  
    TableTemp: TTable;  
    procedure FormCreate(Sender: TObject);  
    procedure Button2Click(Sender: TObject);  
    procedure Button3Click(Sender: TObject);  
    procedure FormActivate(Sender: TObject);  
    procedure Timer1Timer(Sender: TObject);
```



```
    procedure Button1Click(Sender: TObject);
    procedure Button4Click(Sender: TObject);
    procedure Timer2Timer(Sender: TObject);
private
    { Private declarations }
public
    { Public declarations }
end;

var
    frmValidasi: TfrmValidasi;
    waktu:string;

implementation

uses UApp2, UApp1;

{$R *.dfm}

{const
    AlamatBase = $378;
    DataPort = AlamatBase + 0;
    StatusPort = AlamatBase + 0;
    ControlPort = AlamatBase + 0;}

procedure TulisPort(PortAddress: Word; ByteToWrite: Byte);
begin
    asm
        MOV DX, PortAddress
        MOV AL, ByteToWrite
        OUT DX, AL
    end;
end;

procedure TfrmValidasi.Button1Click(Sender: TObject);
begin
    TulisPort($378,$78);
    timer1.Enabled:=true;
end;

procedure TfrmValidasi.FormCreate(Sender: TObject);
begin
    Panel2.Caption :=DateToStr(Date);
    frmValidasi.imgNow.Stretch:=true;
    frmValidasi.imgTable.Stretch:=true;
end;
```

```
procedure TfrmValidasi.Button2Click(Sender: TObject);
begin
    imgNow.Picture.LoadFromFile(frmApp2.TableTemp['Foto']);
end;

procedure TfrmValidasi.Button3Click(Sender: TObject);
begin
    imgTable.Picture.LoadFromFile(frmApp1.Table1['Foto']);
end;

procedure TfrmValidasi.FormActivate(Sender: TObject);
begin
    label8.Caption := frmApp1.table1['NIP'];
    label9.Caption := frmApp1.table1['Nama'];
    label10.Caption := frmApp1.table1['Alamat'];
    label11.Caption := frmApp1.table1['Nomer Telepon'];
end;

procedure TfrmValidasi.Timer1Timer(Sender: TObject);
begin
    TulisPort($378,$00);
    timer1.Enabled:=false;
end;

procedure TfrmValidasi.Button4Click(Sender: TObject);
begin
    frmValidasi.Close;
    frmApp2.Close;
    frmApp1.enabled:=true;
    frmApp1.show;
    frmApp1.EditNIP.Text:='';
    frmApp1.EditNIP.SetFocus;
end;

procedure TfrmValidasi.Timer2Timer(Sender: TObject);
begin
    DateTimeToString(waktu,'tt',time());
    panell1.Caption:=waktu;
end;

end.
```

*** Form Report**

```
unit UReport;
```

```
interface
uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics,
  Controls, Forms,
  Dialogs, QRCtrls, QuickRpt, ExtCtrls, DB, DBTables, jpeg;

type
  TfrmReport = class(TForm)
    Query1: TQuery;
    DataSource1: TDataSource;
    QuickRep1: TQuickRep;
    TitleBand1: TQRBand;
    QRLabel1: TQRLabel;
    QRLabel9: TQRLabel;
    QRLabel10: TQRLabel;
    ChildBand1: TQRChildBand;
    QRLabel3: TQRLabel;
    QRLabel4: TQRLabel;
    QRLabel5: TQRLabel;
    QRLabel7: TQRLabel;
    QRLabel2: TQRLabel;
    DetailBand1: TQRBand;
    QRDBText1: TQRDBText;
    QRDBText2: TQRDBText;
    QRDBText3: TQRDBText;
    QRLabel6: TQRLabel;
    QRDBText4: TQRDBText;
    QRDBText5: TQRDBText;
    QRImage1: TQRImage;
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  frmReport: TfrmReport;

implementation

uses UApp1, UApp2;

{$R *.dfm}

end.
```

*** Form About**

```
unit UAbout;

interface

uses
  Windows, Messages, SysUtils, Variants, Classes, Graphics,
  Controls, Forms,
  Dialogs, StdCtrls, ExtCtrls;

type
  TfrmAbout = class(TForm)
    Panel1: TPanel;
    Label1: TLabel;
    Label2: TLabel;
    Label3: TLabel;
    Label4: TLabel;
    Label5: TLabel;
    Label6: TLabel;
    Label7: TLabel;
    Label8: TLabel;
    Panel2: TPanel;
    Panel3: TPanel;
    Label9: TLabel;
    Label10: TLabel;
    Label11: TLabel;
    Label12: TLabel;
    Label13: TLabel;
    Button1: TButton;
    Label14: TLabel;
    procedure Button1Click(Sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;











var
  frmAbout: TfrmAbout;

implementation

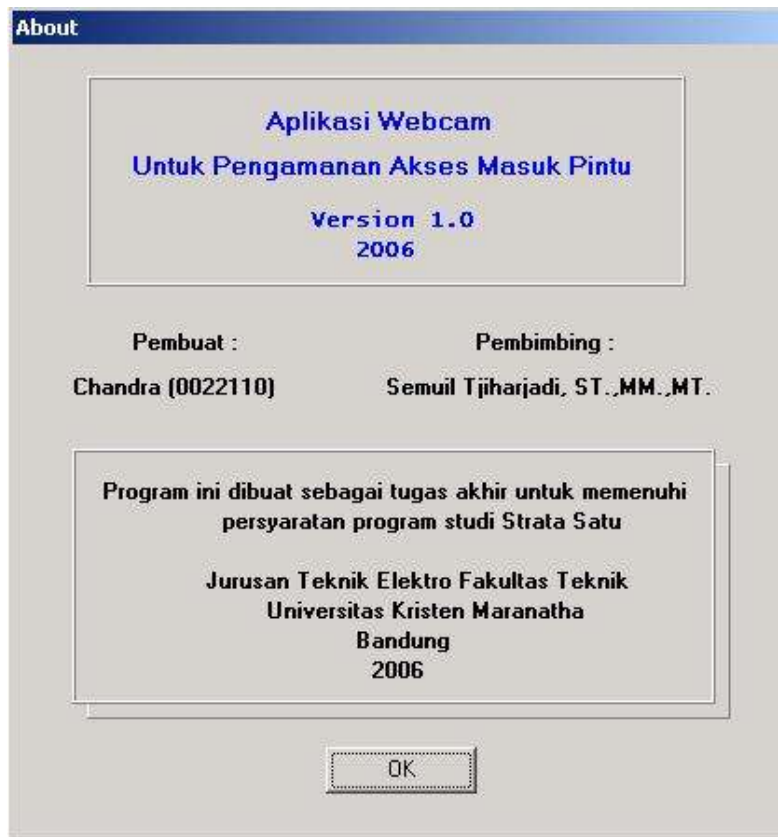
{$R *.dfm}
```

```
procedure TfrmAbout.Button1Click(Sender: TObject);  
begin  
    frmAbout.Close;  
end;  
end.
```

LAMPIRAN B

Satu (1)	Dua (2)	Tiga (3)	Empat (4)	Lima (5)
				
Enam (6)	Tujuh (7)	Delapan (8)	Sembilan (9)	Nol (0)
				

Tampilan Barkode CODE39



Tampilan Menu About