

Aplikasi Full-SQL

Cat:

1. Tabel Gunakan yang di modul tingkat II, tanpa field Foto
2. Query1 isi properti **SQL** dengan : **Select * From Anggota**, properti **Active = True**, Properti **RequestLive = True**
3. Query2 kosongkan properti **SQL**, properti **Active = False**
4. Dibawah panel letakkan DBGrid dan properti **DataSource = Query1**
5. DBEdit ubah semua properti **DataSource = Query1**

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unit UAnggota;
interface
uses
type
  TForm1 = class(TForm)
    procedure Bersih;
    procedure TampilkanHint(sender: TObject);
  private
    { Private declarations }
  public
    { Public declarations }
  end;

var
  Form1: TForm1;

implementation

{$R *.dfm}
//menampilkan hint pada status bar (lihat juga pada form create)
procedure TForm1.TampilkanHint(sender: TObject);
begin
  StatusBar1.Panels.Items[0].Text := Application.Hint;
end;

procedure TForm1.Bersih;
begin
  edit1.Text := "";
  edit2.Text := "";
  edit3.Text := "";
end;

procedure TForm1.FormCreate(Sender: TObject);
begin
  bersih;
  application.OnHint := TampilkanHint;
end;

procedure TForm1.btBersihkanClick(Sender: TObject);
begin
  bersih;
  edit1.SetFocus
end;

procedure TForm1.btSimpanClick(Sender: TObject);
begin
  if not(edit1.Text <>") or not(edit2.Text <>") or not(edit3.Text <>") then
    begin
      application.MessageBox('Isi semua dulu','Yuhu',
        Mb_ok or mb_iconInformation);
      exit;
    end;
end;

```

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try
if application.MessageBox('Yakin simpan ha..ha..ha..','He',
    mb_YesNo + mb_IconInformation)=IdYes then
begin
    query2.SQL.Clear;
    query2.SQL.Add('insert into anggota (id_anggota,nama,alamat)'+
        'values(:id_anggota, :nama, :alamat)');
    query2.Prepare;
    query2.params[0].Asfloat:= strtoint(edit1.Text);
    query2.params[1].AsString := edit2.Text;
    query2.params[2].AsString := edit3.Text;
    query2.ExecSQL;
    Query1.Close;
    query1.Open;
    bersih;
    query1.Last;
    edit1.SetFocus;
end;
except
Application.MessageBox('Data sudah ada','Oce',
    mb_Ok or mb_IconStop);
edit1.SetFocus
end;
end;

procedure TForm1.btTutupClick(Sender: TObject);
begin
application.Terminate
end;

procedure TForm1.btCariIdAnggotaClick(Sender: TObject);
begin
//masukkan angka jangan huruf atau kosong karena tipe data number
try
    Query1.Close;
    query1.SQL.Clear;
    Query1.SQL.Add('select * from anggota where id_anggota= :id_anggota');
    query1.Prepare;
    query1.Params[0].AsFloat := strtoint(edit1.Text);
    query1.Open;
    btUbah.Visible :=true
except
application.MessageBox('Masukkan Yang benar','Oi',mb_ok+mb_iconinformation);
end;
end;

procedure TForm1.btSegarkanClick(Sender: TObject);
begin
query1.Close;
query1.SQL.Clear;
query1.SQL.Add('select * from anggota');
query1.Open;
btUbah.Visible :=false
end;

```

```

procedure TForm1.btCariNamaClick(Sender: TObject);
begin
    query1.Close;
    query1.SQL.Clear;
    query1.SQL.Add('select * from anggota where nama= :nama');
    query1.Prepare;
    query1.ParamByName('nama').AsString := edit2.Text;
    query1.Open;
    btUbah.Visible :=true
end;

procedure TForm1.btUbahClick(Sender: TObject);
begin
    PanelUbahData.Visible :=true
end;

procedure TForm1.btMengubahDataClick(Sender: TObject);
begin
    if application.MessageBox('Yakin ubah???' , 'He..he',
        mb_YesNo + mb_IconWarning)=IdYes then
        begin
            query1.UpdateRecord;
            query1.Post;
        end;
    query1.Close;
    query1.Open;
    PanelUbahData.Visible :=false
end;

procedure TForm1.SpeedButton1Click(Sender: TObject);
begin
    PanelUbahData.Visible :=false
end;

procedure TForm1.btHapusClick(Sender: TObject);
var s : array[0..255] of char;
begin
    strPCopy(s,format('Yakin hapus.....%s..... ?',[query1.Fields[1].AsString]));
    if application.MessageBox(s,'Ha..Haa..',mb_YesNo or mb_IconWarning)=IdNo then
        exit;
        with query2 do
        begin
            sql.Clear;
            sql.Add('delete from anggota where id_anggota= :id_anggota');
            Prepare;
            Params[0].AsFloat := query1.Fields[0].AsFloat;
            ExecSQL;
        end;
    query1.Close;
    query1.Open;
    PanelUbahData.Visible := false
end;
end.

```

