

Nama : M. Yedi Arisandi  
NPM : 2010010210  
Kelas : 5C NR BJB

Sabtu, 19 November 2022

## UTS

### 1. Desain Form

- Form Login

Form1

Login Form

Username

Password

Login Exit

con1 qry1

- Form Dashboard

Form2

MENU MASTER LAPORAN EXIT

mm1

- Form Mahasiswa

Form3

NIP

NAMA DOSEN

SAVE EDIT DELETE CANCEL

NIP	NAMA DOSEN
test	testt
test2	test2
test3	test3

- Form Dosen

## 2. Coding Form

- Form Login

```
procedure TForm1.btn1Click(Sender: TObject);
begin
  with qry1 do begin
    Close;
    SQL.Clear;
    SQL.Add('SELECT * FROM tlogin WHERE username = ' + QuotedStr(edt1.Text));
    Open;
  end;
  if qry1.RecordCount = 0 then
    Application.MessageBox('Maaf, Username atau Password anda salah !!!', 'informasi', MB_OK or MB_ICONINFORMATION)
  else begin
    if qry1.FieldByName('pass').AsString<>edt2.Text then
      Application.MessageBox('Maaf, Username atau Password anda salah !!!', 'informasi', MB_OK or MB_ICONINFORMATION)
    else begin
      hide;
      form2.show
    end;
  end;
end;
end;
```

- Form Dashboard

```
procedure TForm2.DATADOSEN1Click(Sender: TObject);
begin
  Form3.ShowModal;
end;

procedure TForm2.DATAMAHASISWA1Click(Sender: TObject);
begin
  Form4.ShowModal;
end;
```

- Form Mahasiswa

```
procedure TForm3.btn1Click(Sender: TObject);
begin
    qry2.Append;
    qry2.FieldByName('nip').AsString:=edt1.Text;
    qry2.FieldByName('nama_dosen').AsString:=edt2.Text;
    qry2.Post;
end;

procedure TForm3.btn2Click(Sender: TObject);
begin
    qry2.Edit;
    qry2.FieldByName('nip').AsString:=edt1.Text;
    qry2.FieldByName('nama_dosen').AsString:=edt2.Text;
    qry2.Post;
end;

procedure TForm3.dbgrd1CellClick(Column: TColumn);
begin
    edt1.Text:=qry2.fieldbyname('nip').AsString;
    edt2.Text:=qry2.fieldbyname('nama_dosen').AsString;
end;

procedure TForm3.btn3Click(Sender: TObject);
begin
    if MessageDlg('Hapus data?..',mtConfirmation,[mbYes,mbNo],0)=mryes then
        qry2.Delete;
end;

procedure TForm3.btn4Click(Sender: TObject);
begin
    edt1.Clear;
    edt2.Clear;
end;
```

- Form Dosen

```
procedure TForm4.btn1Click(Sender: TObject);
begin
    qry2.Append;
    qry2.FieldByName('nim').AsString:=edt1.Text;
    qry2.FieldByName('nama_mhs').AsString:=edt2.Text;
    qry2.FieldByName('tgl_lahir').AsDateTime:=dtpl.Date;
    qry2.FieldByName('alamat').AsString:=mmol.Text;
    qry2.Post;
end;

procedure TForm4.btn2Click(Sender: TObject);
begin
    qry2.Edit;
    qry2.FieldByName('nim').AsString:=edt1.Text;
    qry2.FieldByName('nama_mhs').AsString:=edt2.Text;
    qry2.FieldByName('tgl_lahir').AsDateTime:=dtpl.Date;
    qry2.FieldByName('alamat').AsString:=mmol.Text;
    qry2.Post;
end;

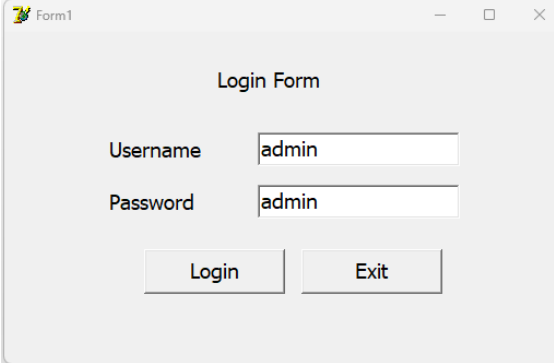
procedure TForm4.dbgrd1CellClick(Column: TColumn);
begin
    edt1.Text:=qry2.fieldbyname('nim').AsString;
    edt2.Text:=qry2.fieldbyname('nama_mhs').AsString;
    dtpl.Date:=qry2.fieldbyname('tgl_lahir').AsDateTime;
    mmol.Text:=qry2.fieldbyname('alamat').AsString;
end;

procedure TForm4.btn3Click(Sender: TObject);
begin
    if MessageDlg('Hapus data?..',mtConfirmation,[mbYes,mbNo],0)=mryes then
        qry2.Delete;
end;

procedure TForm4.btn4Click(Sender: TObject);
begin
    edt1.Clear;
    edt2.Clear;
    dtpl.Date:=Now;
    mmol.Clear;
end;
```

### 3. Tampilan Running Program

- Form Login



Form1

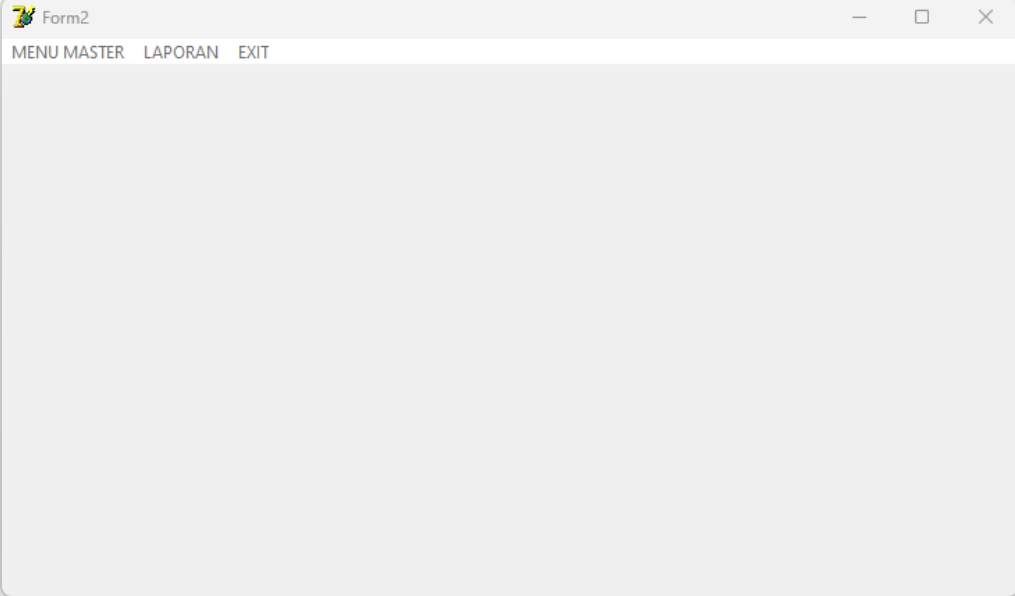
Login Form

Username: admin

Password: admin

Login Exit

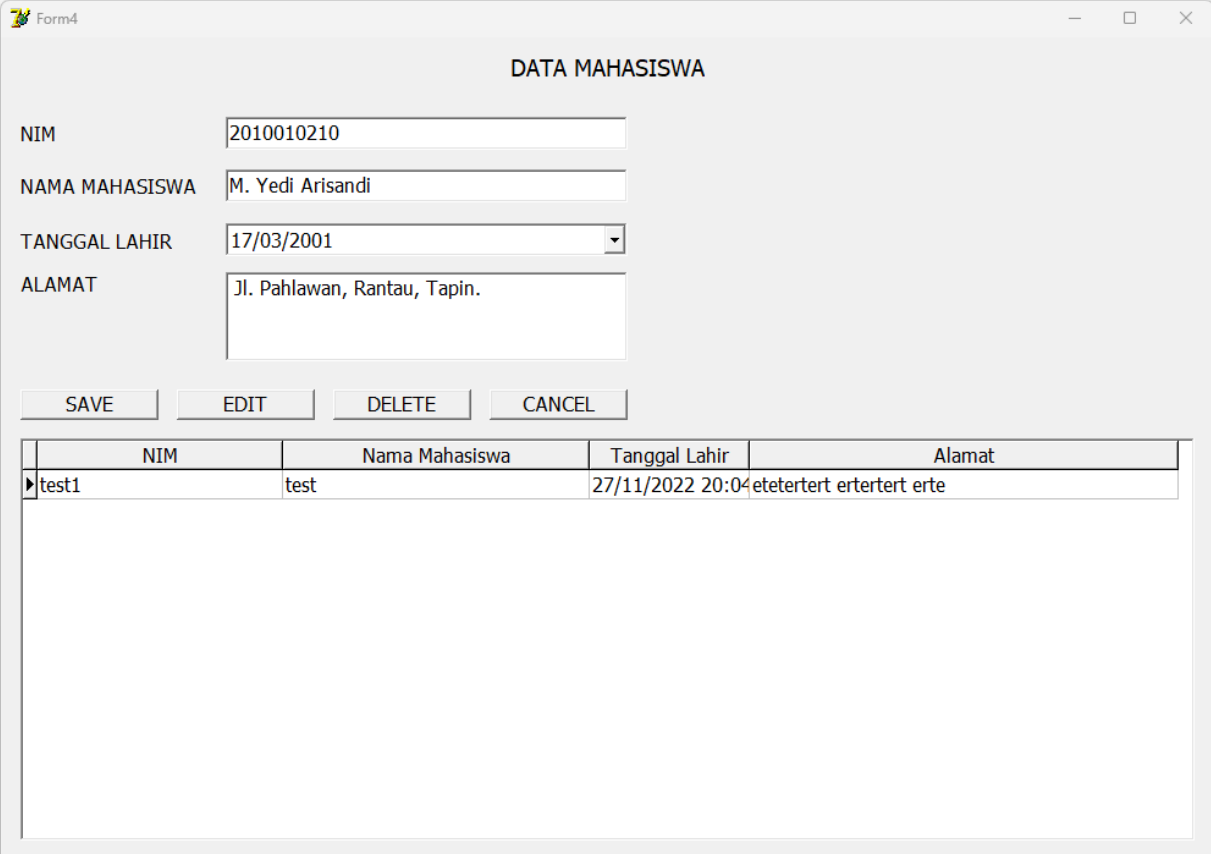
- Form Dashboard



Form2

MENU MASTER LAPORAN EXIT

- Form Mahasiswa



Form4

DATA MAHASISWA

NIM: 2010010210

NAMA MAHASISWA: M. Yedi Arisandi

TANGGAL LAHIR: 17/03/2001

ALAMAT: Jl. Pahlawan, Rantau, Tapin.

SAVE EDIT DELETE CANCEL

NIM	Nama Mahasiswa	Tanggal Lahir	Alamat
test1	test	27/11/2022 20:04	etetertert ertertert erte

- Form Dosen

The screenshot shows a Java Swing window titled "Form 3". It contains a form with two text input fields: "NIP" with the value "2010010210" and "NAMA DOSEN" with the value "M. Yedi Arisandi". Below these fields are four buttons: "SAVE", "EDIT", "DELETE", and "CANCEL". At the bottom of the window is a table with two columns: "NIP" and "NAMA DOSEN". The table contains three rows of test data. A vertical scrollbar is visible on the right side of the table.

NIP	NAMA DOSEN
test	testt
test2	test2
test3	test3