

**LAPORAN TUGAS AKHIR PEMROGRAMAN GUI**  
**PAYMENT POINT ONLINE BANK – APLIKASI PEMBAYARAN MULTIGUNA**



**DOSEN PEMBIMBING**

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**PROGRAM PENDIDIKAN VOKASI**

**UNIVERSITAS BRAWIJAYA**

**MALANG**

**2017**

## **BAB I**

### **PENDAHULUAN**

#### **1.1 Tujuan**

Tujuan pembuatan aplikasi Payment Point Online Bank ini, kami buat untuk memudahkan konsumen membeli atau membayar secara online, dalam aplikasi ini ada 3 macam penjualan dan pembayaran yakni Pulsa, Listrik/token, Voucher (Game Online). Sehingga bisa memudahkan kebutuhan para konsumen melalui aplikasi yang kami buat ini.

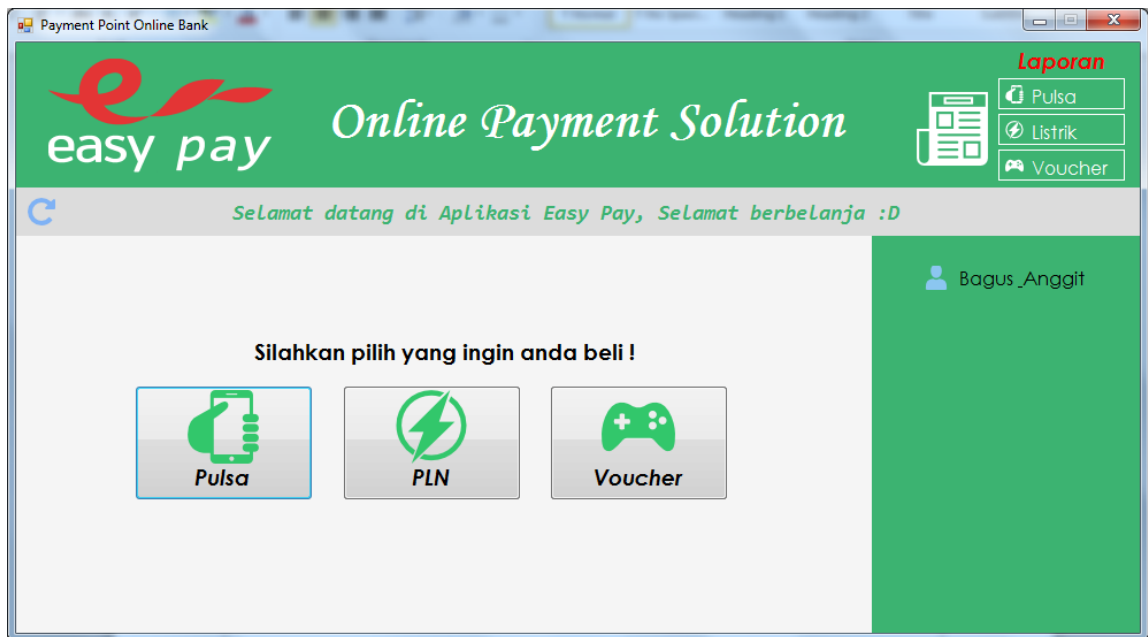
#### **1.2 Manfaat**

- Tempat-tempat pembayaran tagihan listrik, pembelian pulsa, voucher, lebih banyak tersebar dan dekat dengan pelanggan.
- Hemat waktu dan biaya transportasi.
- PPOB memungkinkan adanya sinergi dan integrasi pelayanan antar berbagai instansi penyedia layanan publik seperti PLN, BANK, Penyedia Operator, dll. Sehingga dapat diperoleh efisiensi nasional.

## BAB II PEMBAHASAN

1. Dalam aplikasi ini, untuk desain kami menggunakan default, dan untuk mempercantik dengan menggunakan panel.

### ➤ Menu Utama



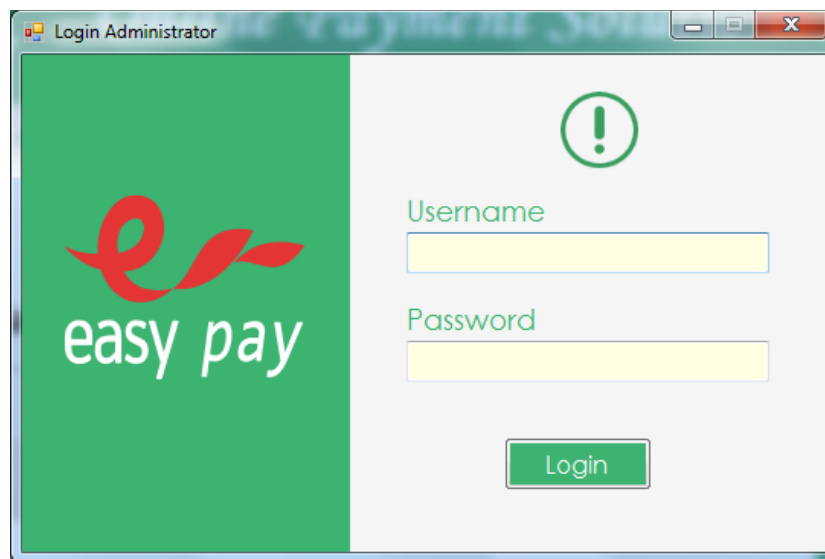
### ➤ Menu Pulsa, PLN, Voucher

This is the 'Top Up Pulsa' form. It has a green header with the title 'Isi Pulsa'. Below the header are logos for 'Indosat', 'ooredoo', and 'TELKOMSEL'. There is a 'Provider' dropdown menu, a text input field for 'Masukkan No.', a 'Nominal' dropdown menu, and a date selector set to '17 Desember 2017'. A green 'Submit' button is at the bottom.This is the 'Top Up Listrik/PLN' form. It has a green header with the title 'Pembayaran PLN'. Below the header is a yellow lightning bolt icon. There is a 'Jenis Pembayaran' dropdown menu, a text input field for 'No. Meter', a 'Nominal' dropdown menu, and a date selector set to '17 Desember 2017'. A green 'Submit' button is at the bottom.This is the 'Top Up Voucher Game' form. It has a green header with the title 'Isi Voucher'. Below the header are logos for 'Google play', 'INDOMOG', 'STEAM', 'Garena', and 'MEGAXUS'. There is a 'No. Pembelian' text input field, a 'Produk' dropdown menu, a 'Nominal' dropdown menu, and a date selector set to '17 Desember 2017'. A green 'Submit' button is at the bottom.

➤ **Menu Login untuk akses Laporan/Database Transaksi**

Username : admin

Password : admin



Login Administrator

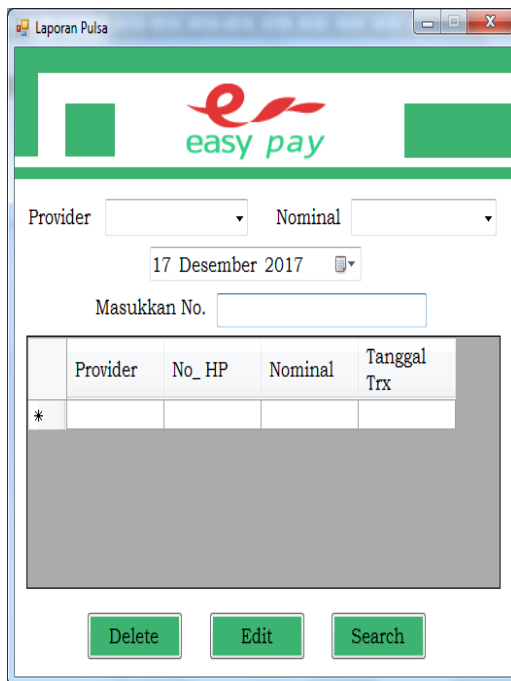
easy pay

Username

Password

Login

➤ **Menu Laporan/Database Transaksi**



Laporan Pulsa

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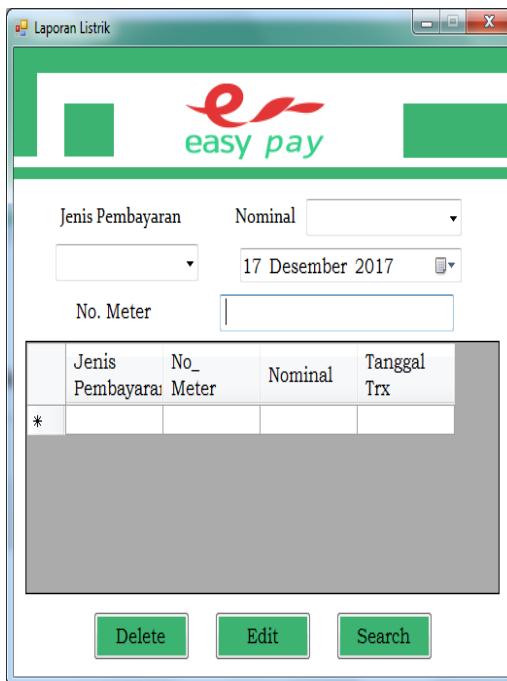
Provider  Nominal

17 Desember 2017

Masukkan No.

	Provider	No_HP	Nominal	Tanggal Trx
*				

Delete Edit Search



Laporan Listrik

easy pay

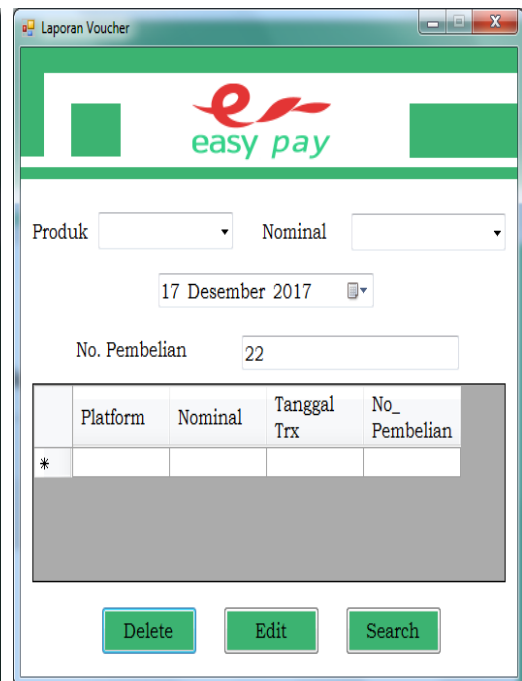
Jenis Pembayaran  Nominal

17 Desember 2017

No. Meter

	Jenis Pembayara	No_Meter	Nominal	Tanggal Trx
*				

Delete Edit Search



Laporan Voucher

easy pay

Produk  Nominal

17 Desember 2017

No. Pembelian

	Platform	Nominal	Tanggal Trx	No_Pembelian
*				

Delete Edit Search

2. Database yang saya gunakan mencakup 3 tabel, Pulsa, Listrik dan Voucher, berikut atributnya.

### PULSA

Column Name	Data Type	Allow Nulls
Provider	varchar(50)	<input checked="" type="checkbox"/>
[No. HP]	varchar(50)	<input checked="" type="checkbox"/>
Nominal	varchar(50)	<input checked="" type="checkbox"/>
[Tanggal Trx]	varchar(50)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

### LISTRIK

Column Name	Data Type	Allow Nulls
[Jenis Pembayaran]	varchar(50)	<input checked="" type="checkbox"/>
[No. Meter]	varchar(50)	<input checked="" type="checkbox"/>
Nominal	varchar(50)	<input checked="" type="checkbox"/>
[Tanggal Trx]	varchar(50)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

### VOUCHER

Column Name	Data Type	Allow Nulls
[No. Pembelian]	nchar(50)	<input checked="" type="checkbox"/>
Platform	varchar(50)	<input checked="" type="checkbox"/>
Nominal	varchar(50)	<input checked="" type="checkbox"/>
[Tanggal Trx]	varchar(50)	<input checked="" type="checkbox"/>
		<input type="checkbox"/>

3. Dengan isi Properties Sebagai Berikut:

FORM	KOMPONEN	TEXT	NAME	PROPERTIES
Form 1(Utama)	Form	Payment Point Online Bank	Form1	BackColor = WhiteSmoke Font = CenturyGothic, 12pt FormBorderStyle = FixedSingle Maximize = False StartPosition = CenterScreen
	Panel	-	Panel1 Panel2 Panel4	BackColor = MediumSeaGreen BackColor = Gainsboro
	Label	➤ Online Payment Solution ➤ Laporan ➤ Selamat datang di Aplikasi Easy Pay, Selamat berbelanja :D ➤ Bagus_Anggit ➤ Silahkan pilih yang ingin anda beli!	Label1 Label2 Label3 Label4 Label5	
	Button	➤ Laporan Pulsa ➤ Laporan Listrik ➤ Laporan Voucher ➤ Pulsa ➤ PLN ➤ Voucher	Button1 Button3 Button5 Button6 Button7 Button9	
	Picture Box	-	pictureBox1 pictureBox2	

FORM	KOMPONEN	TEXT	NAME	PROPERTIES
Pulsa (Menu)	Form	Top Up Pulsa	pulsa	Backcolor = WhiteSmoke Font = CenturyGothic, 12pt FormBorderStyle = FixedSingle Maximize = False StartPosition = CenterScreen
	Panel	-	Panel1	BackColor = MediumSeaGreen
	Label	<ul style="list-style-type: none"> <li>➤ Isi Pulsa</li> <li>➤ Provider</li> <li>➤ Masukkan No.</li> <li>➤ Nominal</li> </ul>	Label1 Label2 Label3 Label4	-
	Text Box	-	TextNohp	
	Combo Box	-	CBProvider CBNominal	
	Button	Submit	button1	BackColor = MediumSeaGreen ForeColor = Black
	Picture Box	-	pictureBox1 pictureBox2 pictureBox3 pictureBox4 pictureBox5	-
	Date Time Picker	-	dateTimePicker Pulsa	
Listrik (Menu)	Form	Top Up Listrik/PLN	listrik	Backcolor = WhiteSmoke Font = CenturyGothic, 12pt FormBorderStyle = FixedSingle Maximize = False StartPosition = CenterScreen
	Panel	-	Panel1	BackColor = MediumSeaGreen
	Label	<ul style="list-style-type: none"> <li>➤ Pembayaran PLN</li> <li>➤ Jenis Pembayaran</li> <li>➤ No. Meter</li> <li>➤ Nominal</li> </ul>	Label1 Label2 Label3 Label4	
	Text Box	-	TextNoMeter	
	Combo Box	-	CBJenis CBNominalListrik	
	Button	Submit	button1	BackColor = MediumSeaGreen ForeColor = Black
	Picture Box	-	pictureBox1 pictureBox2	

	Date Time Picker	-	dateTimePicker Listrik	
Voucher (Menu)	Form	Top Up Voucher Game	voucher	BackColor = WhiteSmoke Font = CenturyGothic, 12pt FormBorderStyle = FixedSingle Maximize = False StartPosition = CenterScreen
	Panel	-	Panel1	BackColor = MediumSeaGreen
	Label	➤ Isi Voucher ➤ No. Pembelian ➤ Produk ➤ Nominal	Label1 Label2 Label3 Label4	
	Text Box	-	TextNoPemb	
	Combo Box	-	CBProduk CBNominalVoucher	
	Button	Submit	button1	BackColor = MediumSeaGreen ForeColor = Black
	Picture Box	-	pictureBox1 pictureBox2 pictureBox3 pictureBox4 pictureBox5 pictureBox6	
	Date Time Picker	-	dateTimePicker Voucher	

FORM	KOMPONEN	TEXT	NAME	PROPERTIES
➤ Login pulsa ➤ Login listrik ➤ Login Voucher	Form	Login Administrator	login, login_listrik, login_voucher	FormBorderStyle = FixedSingle StartPosition = CenterScreen Maximize = False
	Panel	-	Panel1 Panel2	Panel1 > BackColor = MediumSeaGreen  Panel2 > BackColor = WhiteSmoke Font = CenturyGothic, 12pt
	Label	➤ Username ➤ Password	Label1 Label2	ForeColor = MediumSeaGreen
	Text Box		UsernameText PasswordText	-

	Button	Login	Button1	-
	Picture Box	-	pictureBox1 pictureBox2	-

FORM	KOMPONEN	TEXT	NAME	PROPERTIES
Laporan Pulsa (DB)	Form	Laporan Pulsa	DBLPulsa	Backcolor = White Font = BookmanOldStyle, 12pt FormBorderStyle = FixedSingle Maximize = False StartPosition = CenterScreen
	Panel	-	Panel1 Panel2 Panel3 Panel4 Panel5 Panel6	-
	Label	➤ Provider ➤ Nominal ➤ Masukkan No.	Label1 Label2 Label3	-
	Text Box	-	TextNoHP	-
	Button	Delete Edit Search	BtnDelete BtnEdit BtnSearch	-
	Date Time Picker	-	dateTimePicker Pulsa	-
	Data Grid View	-	dataGridViewPu lsa	-
Laporan Listrik (DB)	Form	Laporan Listrik	DBLListrik	Backcolor = White Font = BookmanOldStyle, 12pt FormBorderStyle = FixedSingle Maximize = False StartPosition = CenterScreen
	Panel	-	Panel1 Panel2 Panel3 Panel4 Panel5 Panel6	-
	Label	➤ Jenis Pembayaran ➤ Nominal ➤ No. Meter	Label1 Label2 Label3	-
	Text Box	-	TextMeter	-
	Button	Delete Edit	BtnDelete BtnEdit	-



		Search	BtnSearch	
	Date Time Picker	-	dateTimePicker Listrik	-
	Data Grid View	-	dataGridView Listrik	-
Laporan Voucher (DB)	Form	Laporan Voucher	DBLVoucher	Backcolor = White Font = BookmanOldStyle, 12pt FormBorderStyle = FixedSingle Maximize = False StartPosition = CenterScreen
	Panel	-	Panel1 Panel2 Panel3 Panel4 Panel5 Panel6	-
	Label	➤ Produk ➤ Nominal ➤ No. Pembelian	Label1 Label2 Label3	-
	Text Box	-	TextNoPemb	-
	Button	Delete Edit Search	BtnDelete BtnEdit BtnSearch	-
	Date Time Picker	-	dateTimePicker Voucher	-
	Data Grid View	-	dataGridView Voucher	-

4. Dalam aplikasi, berikut codingan inti yang ada didalamnya.

➤ **Form Login**

```
private void button1_Click(object sender, EventArgs e)
{
    string user = "admin";
    string pass = "admin";
    if (UsernameText.Text == user && PasswordText.Text == pass)
    {
        this.Hide();
        DBLPulsa form = new DBLPulsa();
        form.Show();
        this.Hide();
    }
    else
    {
        MessageBox.Show("Maaf Password yang anda masukkan salah!!");
    }
}
```

### ➤ Menu Pulsa “Insert to Database”

```
private void button1_Click(object sender, EventArgs e)
{
    CON.Open();
    SqlCommand cmd = CON.CreateCommand();
    cmd.CommandType = CommandType.Text;
    cmd.CommandText = ("INSERT INTO P (Provider, [No. HP], Nominal, [Tanggal Trx]) VALUES ('" + CBProvider.SelectedItem + "', '" + TextNohp.Text + "', '" + CBNominal.SelectedItem + "', '" + dateTimePickerPulsa.Text + "')");
    cmd.ExecuteNonQuery();
    MessageBox.Show("Transaksi Sukses");
    CON.Close();
}
```

### ➤ Menu Listrik “Insert to Database”

```
private void button1_Click(object sender, EventArgs e)
{
    CON.Open();
    SqlCommand cmd = CON.CreateCommand();
    cmd.CommandType = CommandType.Text;
    cmd.CommandText = ("INSERT INTO L ([Jenis Pembayaran], [No. Meter], Nominal, [Tanggal Trx]) VALUES ('" + CBJenis.SelectedItem + "', '" + TextNoMeter.Text + "', '" + CBNominalListrik.SelectedItem + "', '" + dateTimePickerListrik.Text + "')");
    cmd.ExecuteNonQuery();
    MessageBox.Show("Transaksi Sukses");
    CON.Close();
}
```

### ➤ Menu Voucher “Insert to Database”

```
private void button1_Click(object sender, EventArgs e)
{
    CON.Open();
    SqlCommand cmd = CON.CreateCommand();
    cmd.CommandType = CommandType.Text;
    cmd.CommandText = ("INSERT INTO V (Platform, Nominal, [Tanggal Trx], [No. Pembelian]) VALUES ('" + CBProduk.SelectedItem + "', '" + CBNominalVoucher.SelectedItem + "', '" + dateTimePickerVoucher.Text + "', '" + TextNoPemb.Text + "')");
    cmd.ExecuteNonQuery();
    MessageBox.Show("Transaksi Sukses");
    CON.Close();
}
```

➤ DB Pulsa “Load Data, Delete, Update, Search and CellClick”

```
public void load_data()
{
    if (CON.State == ConnectionState.Open)
    {
        CON.Close();
    }
    CON.Open();
    SqlCommand cmd = CON.CreateCommand();
    cmd.CommandType = CommandType.Text;
    cmd.CommandText = "select * from P";
    cmd.ExecuteNonQuery();
    DataTable dt = new DataTable();
    SqlDataAdapter da = new SqlDataAdapter(cmd);
    da.Fill(dt);
    dataGridViewPulsa.DataSource = dt;
    CON.Close();
}
```

```
private void button4_Click(object sender, EventArgs e)
{
    if (MessageBox.Show("Apakah anda yakin untuk menghapus data ini?",
    "Message", MessageBoxButtons.YesNo, MessageBoxIcon.Question) == DialogResult.Yes)
    {
        CON.Open();
        SqlCommand cmd = CON.CreateCommand();
        cmd.CommandType = CommandType.Text;
        cmd.CommandText = ("DELETE FROM P WHERE [No. HP] = '" + TextNohp.Text +
        "'");
        cmd.ExecuteNonQuery();
        load_data();
        MessageBox.Show("Data Berhasil Dihapus!");
        CON.Close();
    }
}
```

```
private void button3_Click(object sender, EventArgs e)
{
    CON.Open();
    SqlCommand cmd = CON.CreateCommand();
    cmd.CommandType = CommandType.Text;
    cmd.CommandText = ("UPDATE P SET Provider = '" + CBProvider.SelectedItem +
    "', Nominal = '" + CBNominal.SelectedItem + "', [Tanggal Trx] = '" +
    dateTimePickerPulsa.Text + "' WHERE [No. HP] = '" + TextNohp.Text + "'");
    cmd.ExecuteNonQuery();
    load_data();
    MessageBox.Show("Data Berhasil Diperbarui");
    CON.Close();
}
```

```

private void button5_Click(object sender, EventArgs e)
{
    if (string.IsNullOrEmpty(TextNohp.Text))
    {
        load_data();
    }
    else
    {
        CON.Open();
        SqlCommand cmd = CON.CreateCommand();
        cmd.CommandType = CommandType.Text;
        cmd.CommandText = ("SELECT * FROM P WHERE [No. HP] = '" +
TextNohp.Text + "'");
        cmd.ExecuteNonQuery();
        DataTable dt = new DataTable();
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        da.Fill(dt);
        dataGridViewPulsa.DataSource = dt;
        CON.Close();
    }
}

```

```

private void dataGridViewPulsa_CellClick(object sender, DataGridViewCellEventArgs e)
{
    BtnDelete.Enabled = true;
    BtnEdit.Enabled = true;
    BtnSearch.Enabled = true;
    if (e.RowIndex >= 0)
    {
        DataGridViewRow row = this.dataGridViewPulsa.Rows[e.RowIndex];
        CBProvider.Text = row.Cells[0].Value.ToString();
        TextNohp.Text = row.Cells[1].Value.ToString();
        CBNominal.Text = row.Cells[2].Value.ToString();
        dateTimePickerPulsa.Text = row.Cells[3].Value.ToString();
    }
}

```

➤ **DB Listrik “Load Data, Delete, Update, Search and CellClick”**

```
public void load_data()
{
    if(CON.State == ConnectionState.Open){
        CON.Close();
    }
    CON.Open();
    SqlCommand cmd = CON.CreateCommand();
    cmd.CommandType = CommandType.Text;
    cmd.CommandText = "select * from L";
    cmd.ExecuteNonQuery();
    DataTable dt = new DataTable();
    SqlDataAdapter da = new SqlDataAdapter(cmd);
    da.Fill(dt);
    dataGridView1.DataSource = dt;
    CON.Close();
}
```

```
private void button1_Click(object sender, EventArgs e)
{
    if(MessageBox.Show("Apakah anda yakin untuk menghapus data ini?",
    "Message", MessageBoxButtons.YesNo, MessageBoxIcon.Question) == DialogResult.Yes)
    {
        CON.Open();
        SqlCommand cmd = CON.CreateCommand();
        cmd.CommandType = CommandType.Text;
        cmd.CommandText = ("DELETE FROM L WHERE [No. Meter] = '" +
TextMeter.Text + "'");
        cmd.ExecuteNonQuery();
        load_data();
        MessageBox.Show("Data Berhasil Dihapus!");
        CON.Close();
    }
}
```

```
private void BtnEdit_Click(object sender, EventArgs e)
{
    CON.Open();
    SqlCommand cmd = CON.CreateCommand();
    cmd.CommandType = CommandType.Text;
    cmd.CommandText = ("UPDATE L SET [Jenis Pembayaran] = '" +
ComboJenis.SelectedItem + "', Nominal = '" + ComboNominalPLN.SelectedItem + "',
[Tanggal Trx] = '" + dateTimePickerListrik.Text + "' WHERE [No. Meter] = '" +
TextMeter.Text + "'");
    cmd.ExecuteNonQuery();
    load_data();
    MessageBox.Show("Data Berhasil Diperbarui");
    CON.Close();
}
```

```

private void BtnSearch_Click(object sender, EventArgs e)
{
    if (string.IsNullOrEmpty(TextMeter.Text))
    {
        load_data();
    }
    else
    {
        CON.Open();
        SqlCommand cmd = CON.CreateCommand();
        cmd.CommandType = CommandType.Text;
        cmd.CommandText = ("SELECT * FROM L WHERE [No. Meter] = '" +
TextMeter.Text + "'");
        cmd.ExecuteNonQuery();
        DataTable dt = new DataTable();
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        da.Fill(dt);
        dataGridView1.DataSource = dt;
        CON.Close();
    }
}

```

```

private void dataGridView1_CellClick(object sender, DataGridViewCellEventArgs e)
{
    BtnDelete.Enabled = true;
    BtnEdit.Enabled = true;
    BtnSearch.Enabled = true;
    if (e.RowIndex >= 0)
    {
        DataGridViewRow row = this.dataGridView1.Rows[e.RowIndex];
        ComboJenis.Text = row.Cells[0].Value.ToString();
        TextMeter.Text = row.Cells[1].Value.ToString();
        ComboNominalPLN.Text = row.Cells[2].Value.ToString();
        dateTimePickerListrik.Text = row.Cells[3].Value.ToString();
    }
}

```

➤ **DB Voucher “Load Data, Delete, Update, Search and CellClick”**

```
public void load_data()
{
    if (CON.State == ConnectionState.Open)
    {
        CON.Close();
    }
    CON.Open();
    SqlCommand cmd = CON.CreateCommand();
    cmd.CommandType = CommandType.Text;
    cmd.CommandText = "select * from V";
    cmd.ExecuteNonQuery();
    DataTable dt = new DataTable();
    SqlDataAdapter da = new SqlDataAdapter(cmd);
    da.Fill(dt);
    dataGridViewVoucher.DataSource = dt;
    CON.Close();
}
```

```
private void button4_Click(object sender, EventArgs e)
{
    if (MessageBox.Show("Apakah anda yakin untuk menghapus data ini?",
    "Message", MessageBoxButtons.YesNo, MessageBoxIcon.Question) == DialogResult.Yes)
    {
        CON.Open();
        SqlCommand cmd = CON.CreateCommand();
        cmd.CommandType = CommandType.Text;
        cmd.CommandText = ("DELETE FROM V WHERE [No. Pembelian] = '" +
    TextNoPemb.Text + "'");
        cmd.ExecuteNonQuery();
        load_data();
        MessageBox.Show("Data Berhasil Dihapus!");
        CON.Close();
    }
}
```

```
private void BtnEdit_Click(object sender, EventArgs e)
{
    CON.Open();
    SqlCommand cmd = CON.CreateCommand();
    cmd.CommandType = CommandType.Text;
    cmd.CommandText = ("UPDATE V SET Platform = '" + CBProduk.SelectedItem +
    "', Nominal = '" + CBNominalVoucher.SelectedItem + "', [Tanggal Trx] = '" +
    dateTimePickerVoucher.Text + "' WHERE [No. Pembelian] = '" + TextNoPemb.Text + "'");
    cmd.ExecuteNonQuery();
    load_data();
    MessageBox.Show("Data Berhasil Diperbarui");
    CON.Close();
}
```

```

private void BtnSearch_Click(object sender, EventArgs e)
{
    if (string.IsNullOrEmpty(TextNoPemb.Text))
    {
        load_data();
    }
    else
    {
        CON.Open();
        SqlCommand cmd = CON.CreateCommand();
        cmd.CommandType = CommandType.Text;
        cmd.CommandText = ("SELECT * FROM V WHERE [No. Pembelian] = '" +
TextNoPemb.Text + "'");
        cmd.ExecuteNonQuery();
        DataTable dt = new DataTable();
        SqlDataAdapter da = new SqlDataAdapter(cmd);
        da.Fill(dt);
        dataGridViewVoucher.DataSource = dt;
        CON.Close();
    }
}

```

```

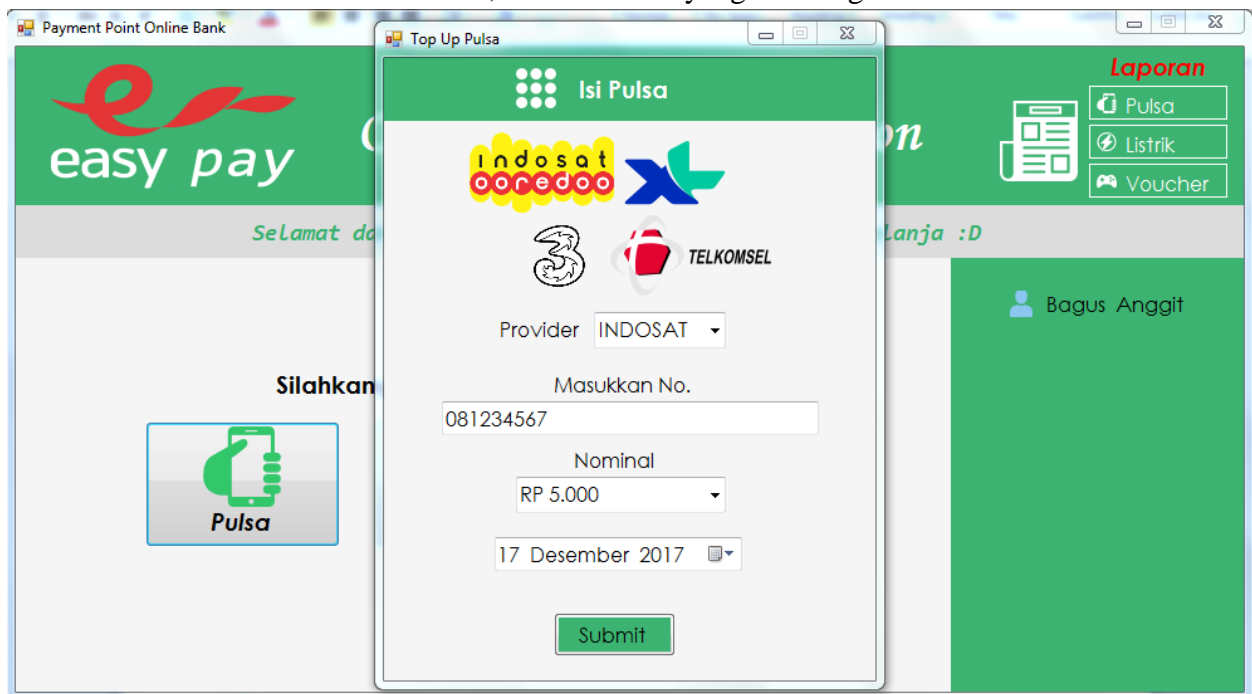
private void dataGridView1_CellClick(object sender, DataGridViewCellEventArgs e)
{
    BtnDelete.Enabled = true;
    BtnEdit.Enabled = true;
    BtnSearch.Enabled = true;
    if (e.RowIndex >= 0)
    {
        DataGridViewRow row = this.dataGridViewVoucher.Rows[e.RowIndex];
        CBProduk.Text = row.Cells[0].Value.ToString();
        CBNominalVoucher.Text = row.Cells[1].Value.ToString();
        dateTimePickerVoucher.Text = row.Cells[2].Value.ToString();
        TextNoPemb.Text = row.Cells[3].Value.ToString();
    }
}

```

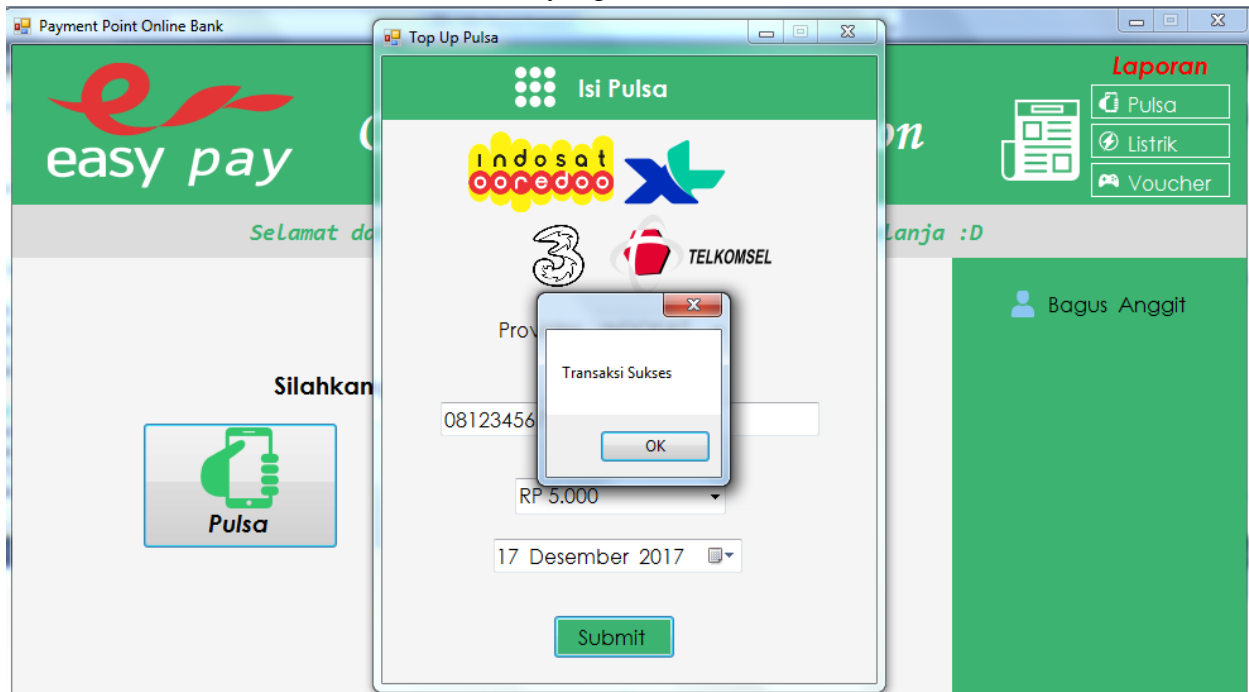


##### 5. Debug Aplikasi “Payment Point Online Bank”

- Pada Aplikasi, tekan pilihan menu yang anda inginkan, dalam contoh ini saya memilih menu Pulsa, lalu isi sesuai yang anda inginkan.



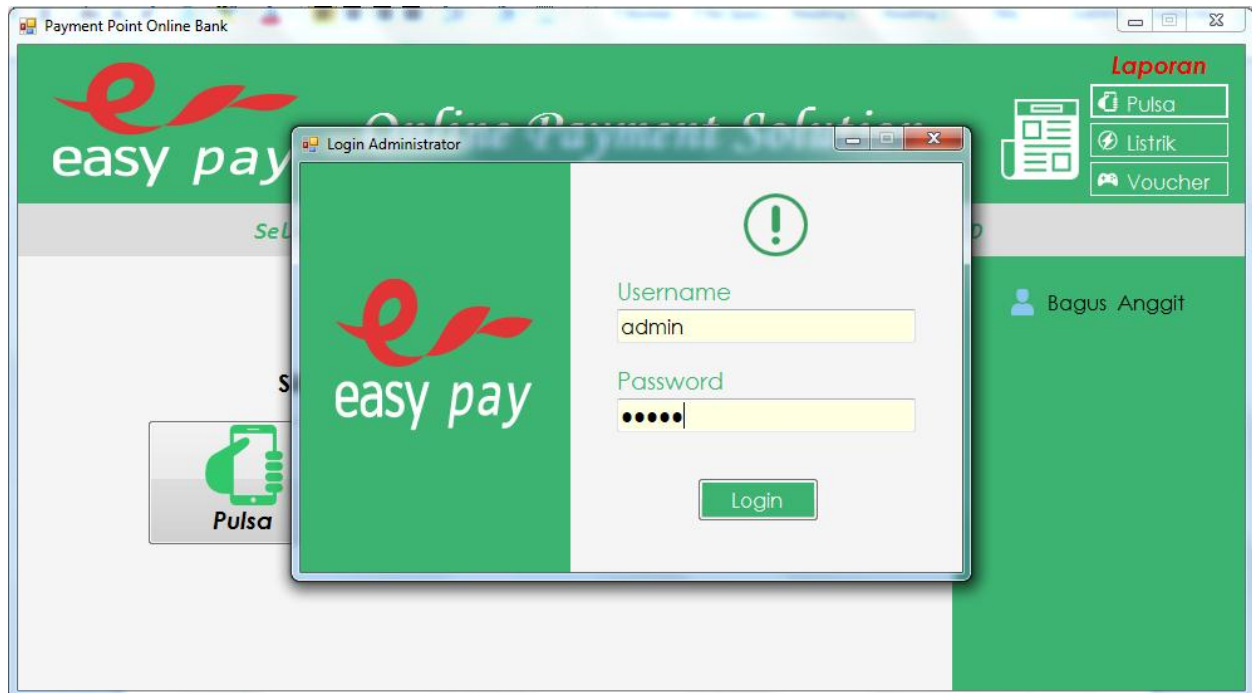
- Lalu klik Submit “data yang di submit akan masuk ke menu DB Pulsa”



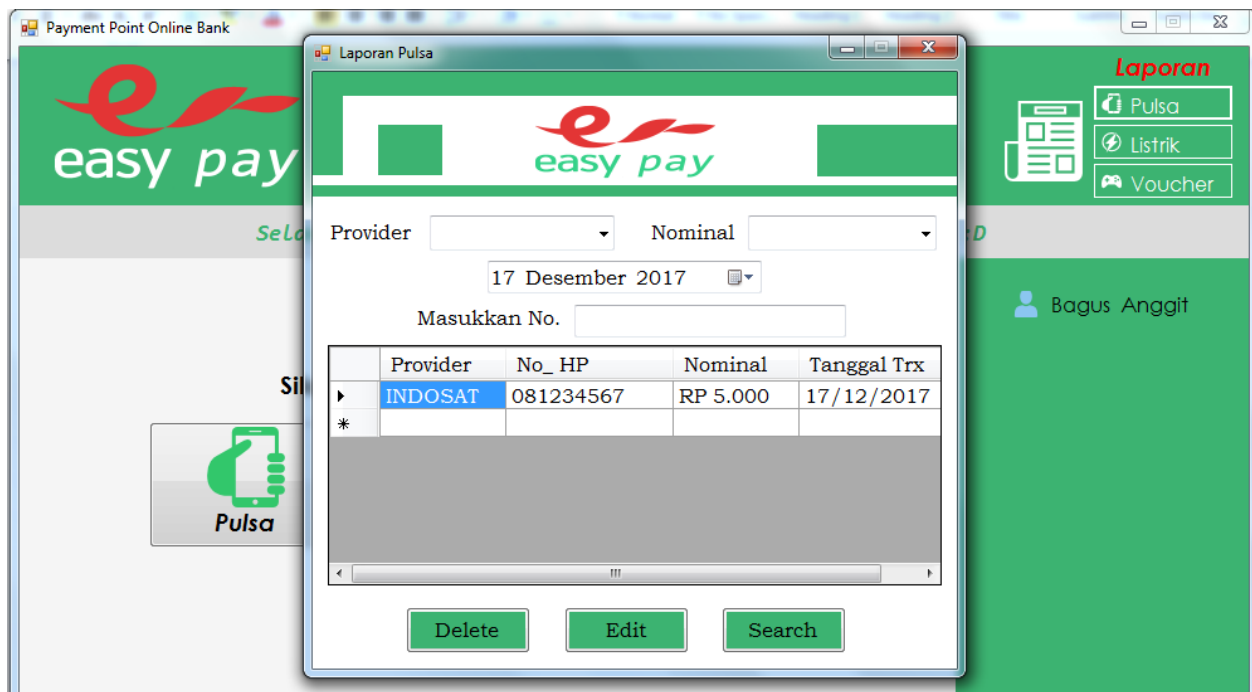
- Untuk mengetahui data yang di submit tadi, masuk menu Laporan Pulsa, dan Login.

Username : admin

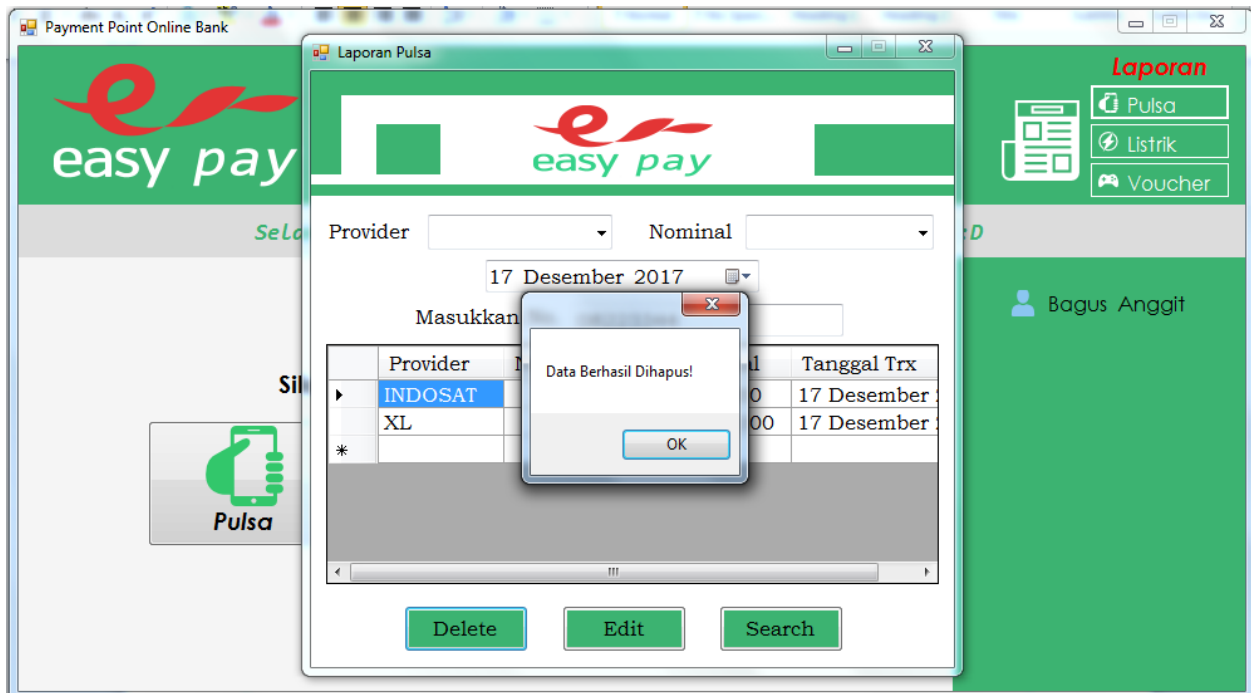
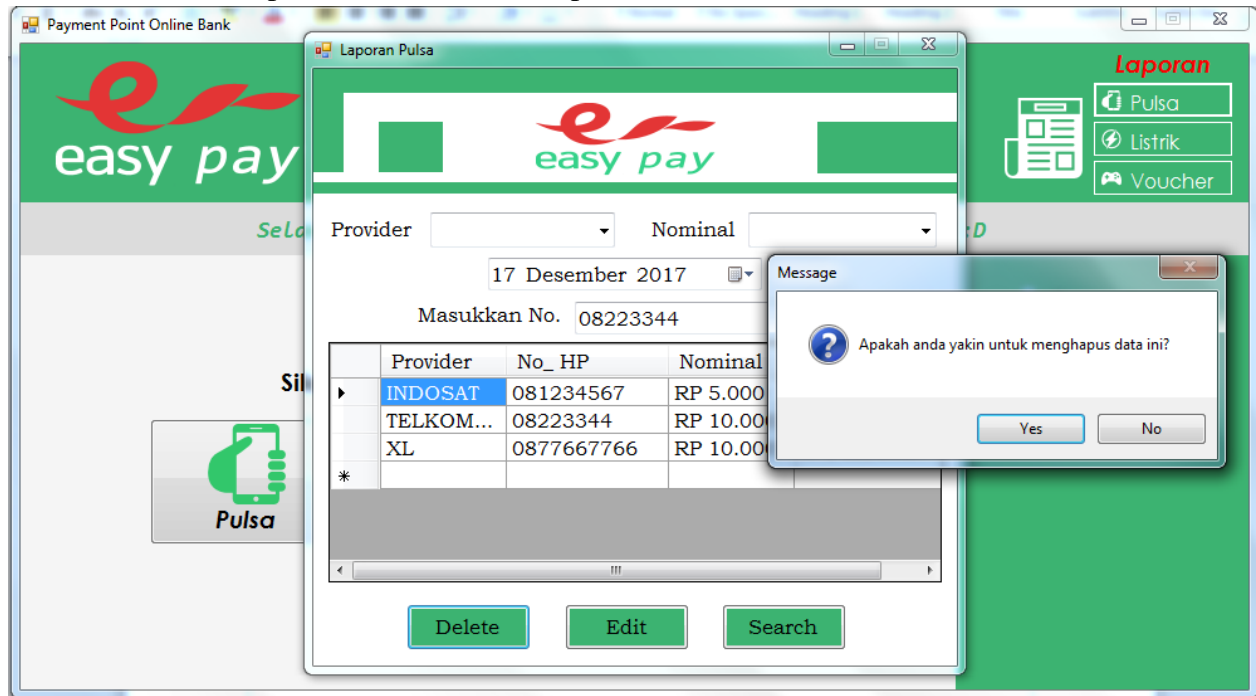
Password : admin



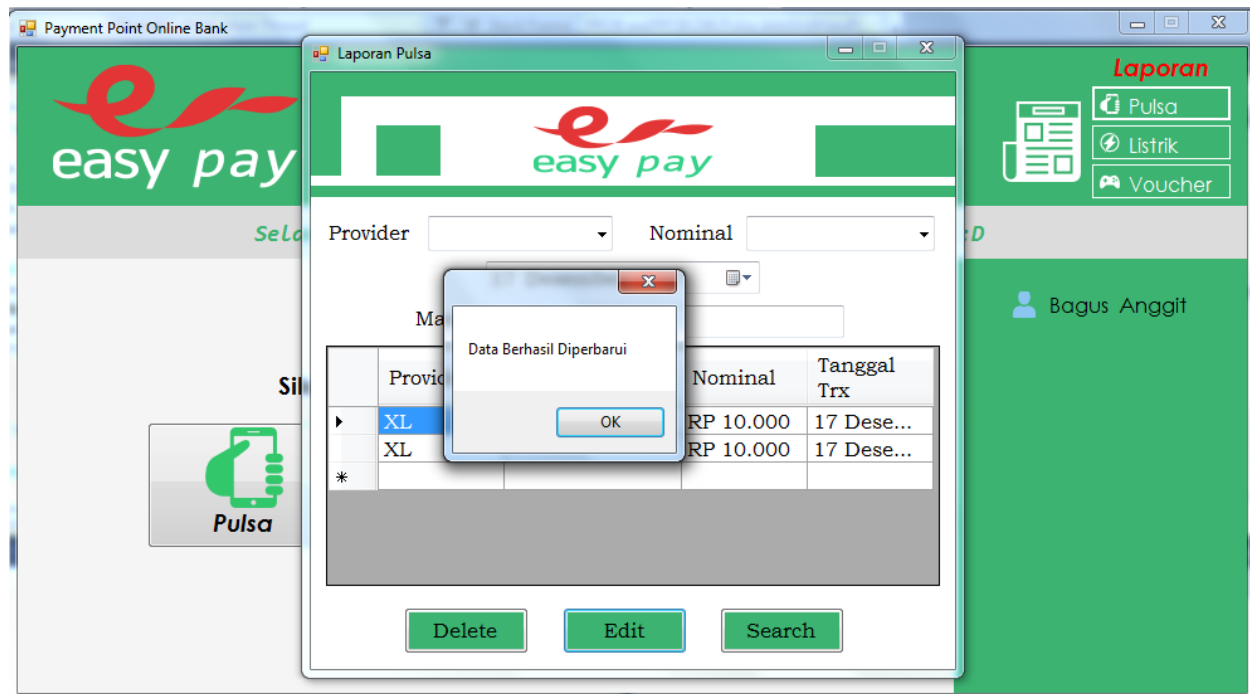
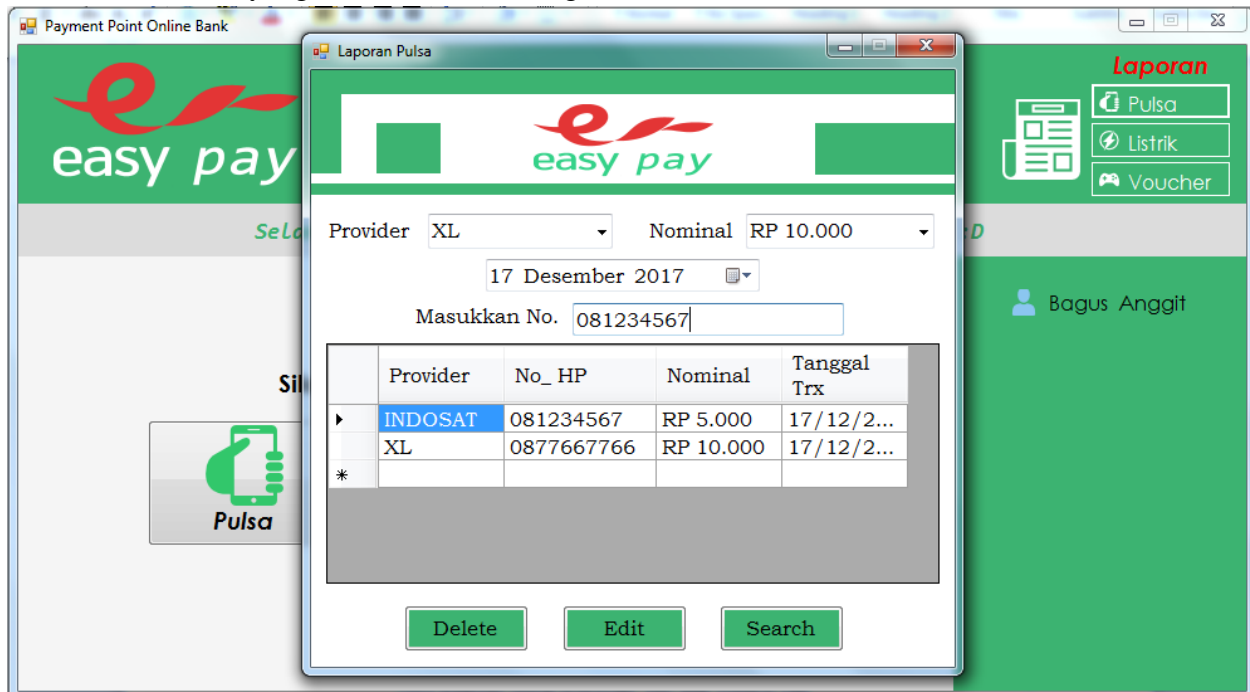
- Maka data yang di submit akan masuk di Databasenya.



- Jika ingin menghapus data yang ada di Database, masukkan No., yang ingin di hapus, lalu klik tombol hapus.



- Jika ingin mengedit, silakan masukkan No yang ingin diedit, dan isikan data yang berbeda untuk mengedit, lalu klik tombol edit.



- Jika ingin mencari data, jika data sudah banyak tersimpan, tulis No yang ingin dicari, lalu klik Search

Payment Point Online Bank

**Laporan Pulsa**

easy pay

Provider  Nominal

17 Desember 2017

Masukkan No.

	Provider	No_ HP	Nominal	Tanggal Trx
▶	XL	081234567	RP 10.000	17/12/2...
	XL	7778888	RP 20.000	17/12/2...
	XL	0877667...	RP 10.000	17/12/2...
	THREE	6767	RP 50.000	17/12/2...
	INDOSAT	12221112	RP 5.000	17/12/2...
*				

Delete Edit Search

**Laporan**

Pulsa Listrik Voucher

Bagus Anggit

**Pulsa**

Payment Point Online Bank

**Laporan Pulsa**

easy pay

Provider  Nominal

17 Desember 2017

Masukkan No. 6767

	Provider	No_ HP	Nominal	Tanggal Trx
▶	THREE	6767	RP 50.000	17 Dese...
*				

Delete Edit Search

**Laporan**

Pulsa Listrik Voucher

Bagus Anggit

**Pulsa**

### **BAB III**

### **KESIMPULAN**

Pembuatan aplikasi Payment Point Online Bank ini bertujuan untuk mempermudah konsumen dalam memenuhi kebutuhan (Pulsa, Listrik, dan Voucher), selain itu aplikasi ini juga praktis untuk konsumen dalam membeli atau membayar dikarenakan aplikasi ini bersistem Online sesuai namanya.