LAMPIRAN

Source Code Aplikasi

a. *Source Code* Barang

```
private void metroButton2_Click_1(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection("Data Source=VIOLA\\SQLEXPRESS;Initial Catalog=bakoelancell;User ID=sa;Password=123");
    string sql = "SELECT * FROM Stok_Barang WHERE KODE_BARANG LIKE '" + "%" + metroTextBox1.Text + "%" + "'";
    SqlDataAdapter dataadapter = new SqlDataAdapter(sql, con);
    DataSet ds = new DataSet();
    con.Open();
    dataadapter.Fill(ds, "Cari_KODE");
    con.Close();
    metroGrid2.DataSource = ds;
    metroGrid2.DataMember = "Cari_KODE";
    this.stok_BarangTableAdapter1.Fill(this.bakoelancellDataSet7.Stok_Barang);
}
```

b. *Source Code* Cari Nomor

```
private void metroButton1_Click_1(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection("Data Source=VIOLA\\SQLEXPRESS;Initial Catalog=bakoelancell;User ID=sa;Password=123");
    string sql = "SELECT * FROM Tambah_Nomor WHERE NOMOR LIKE '" + "%" + textBox1.Text + "%" +"'";
    SqlDataAdapter dataadapter = new SqlDataAdapter(sql, con);
    DataSet ds = new DataSet();
    con.Open();
    dataadapter.Fill(ds, "Cari_Nomor");
    con.Close();
    metroGrid2.DataSource = ds;
    metroGrid2.DataMember = "Cari_Nomor";
}
```

c. *Source Code* Cari Tangal Di Laporan Pembelian

```
private void metroButton1_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection("Data Source=VIOLA\\SQLEXPRESS;Initial Catalog=bakoelancell;User ID=sa;Password=123");
    string sql = "SELECT * FROM Transaksi_Pembelian WHERE TGL_PEMBELIAN BETWEEN '" + Convert.ToDateTime(metroDateTime2.Text) + "' AND '" + Convert.ToDateTime(metroDateTime1.Text) + "'";
    SqlDataAdapter dataadapter = new SqlDataAdapter(sql, con);
    DataSet ds = new DataSet();
    con.Open();
    dataadapter.Fill(ds, "Cari");
    con.Close();
    metroGrid2.DataSource = ds;
    metroGrid2.DataMember = "Cari";
}
```

d. *Source Code* Cari Tanggal Di Laporan Penjualan

```csharp
private void metroButton1_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection("Data Source=VIOLA\\SQLEXPRESS;Initial Catalog=bakoelancell;User ID=sa;Password=123");
    string sql = "SELECT * FROM Transaksi_Penjualan WHERE Jenis = 'AKSESORIS' AND TGL_KELUAR BETWEEN '" + Convert.ToDateTime(metroDateTime2.Text) + "' AND '" + Convert.ToDateTime(metroDateTime1.Text) + "'";
    SqlDataAdapter dataadapter = new SqlDataAdapter(sql, con);
    DataSet ds = new DataSet();
    con.Open();
    dataadapter.Fill(ds, "Cari");
    con.Close();
    metroGrid2.DataSource = ds;
    metroGrid2.DataMember = "Cari";
}
```

e. *Source Code* Cetak Laporan Pembelian

```csharp
private void metroButton2_Click(object sender, EventArgs e)
{
    Document doc = new Document(PageSize.A4, 10f, 10f, 42f, 35f);
    PdfWriter wri = PdfWriter.GetInstance(doc, new FileStream("D:/APP_YOGI/laporanpenjualanAksesoris.pdf", FileMode.Create));
    PdfPTable table = new PdfPTable(metroGrid2.Columns.Count);
    doc.Open();
    //Get data dari table gridview
    //------------------------------------------------------------------------------------
    //tambah header
    for (int j = 0; j < metroGrid2.Columns.Count; j++)
    {
        table.AddCell(new Phrase(metroGrid2.Columns[j].HeaderText));
    }

    //menandai first Row sebagai header
    table.HeaderRows = 1;

    //tambah row dari gridview
    for (int i = 0; i < metroGrid2.Rows.Count; i++)
    {
        for (int k = 0; k < metroGrid2.Columns.Count; k++)
        {
            if (metroGrid2[k, i].Value != null)
            {
                table.AddCell(new Phrase(metroGrid2[k, i].Value.ToString()));
            }
        }
    }
}
```

f. *Source Code* Cetak Nota Di Penjualan

```csharp
private void print_Click(object sender, EventArgs e)
{
    using (PrintDialog pd = new PrintDialog())
    {
        if (pd.ShowDialog() == DialogResult.OK)
        {
            printdocument1.PrinterSettings = pd.PrinterSettings;
            printdocument1.Print();
            print.Enabled = false;
            MetroMessageBox.Show(this, "Struk berhasil di cetak! Periksa folder penjualan.", "Successfull", MessageBoxButtons.OK, MessageBoxIcon.Information);
            textBox1.Text = "";
            textBox2.Text = "";
            textBox3.Text = "";
            textBox4.Text = "";
            textBox7.Text = "";
        }
    }
}
```

g. *Source Code Logout*

```
private void linkLabel1_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)
{
    this.Hide();
    Login lg = new Login();
    lg.Show();
}
```

h. *Source Code submit*

```
private void button3_Click(object sender, EventArgs e)
{
    try
    {
        //buat koneksi
        SqlConnection con = new SqlConnection("Data Source=VIOLA\\SQLEXPRESS;Initial Catalog=bakoelancell;User ID=sa;Password=123");
        SqlDataAdapter sda = new SqlDataAdapter("SELECT Count(*) FROM akun_login WHERE USERNAME='" + tb_username.Text + "' AND PASSWORD = '" + tb_password.Text + "'", con);

        DataTable dt = new DataTable();
        //Mengisi Data ke DataTable
        sda.Fill(dt);

        if (dt.Rows[0][0].ToString() == "1")
        {
            this.Hide();
            Home sc = new Home();
            sc.Show();
        }
        else
        {
            MetroMessageBox.Show(this, "Harap periksa kembali username atau password Anda!", "Error", MessageBoxButtons.OK, MessageBoxIcon.Stop);
        }
    }
    catch (System.Exception ex)
    {
        MetroMessageBox.Show(this, ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Stop);
    }
}
```

i. *Source Code* Tambah Nomor

```
private void metroButton1_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection("Data Source=VIOLA\\SQLEXPRESS;Initial Catalog=bakoelancell;User ID=sa;Password=123");

    String st = "INSERT INTO Tambah_Nomor(NAMA, PROVIDER, NOMOR, ALAMAT ) VALUES (@NAMA, @PROVIDER, @NOMOR, @ALAMAT)";
    SqlCommand sqlcom = new SqlCommand(st, con);

    sqlcom.Parameters.AddWithValue("@NAMA", textBox1.Text);
    sqlcom.Parameters.AddWithValue("@PROVIDER", comboBox1.Text);
    sqlcom.Parameters.AddWithValue("@NOMOR", textBox3.Text);
    sqlcom.Parameters.AddWithValue("@ALAMAT", textBox4.Text);

    con.Close();
    textBox1.Text = "";
    comboBox1.Text = "";
    textBox3.Text = "";
    textBox4.Text = "";

    try
    {
        con.Open();
        sqlcom.ExecuteNonQuery();
        MetroMessageBox.Show(this, "Data telah disimpan.", "Insert Successfull", MessageBoxButtons.OK, MessageBoxIcon.Information);
        con.Close();
        tambah_NomorTableAdapter.Update(bakoelancellDataSet);
        this.tambah_NomorTableAdapter.Fill(this.bakoelancellDataSet.Tambah_Nomor);

    }
    catch (SqlException ex)
    {
        MetroMessageBox.Show(this, ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Stop);
    }
}
```

j. *Source Code* Tambah Laporan Penjualan

```csharp
private void metroButton1_Click(object sender, EventArgs e)
{

    if (textBox1.Text != "" && textBox2.Text != "" && textBox3.Text != "" && textBox4.Text != "" && textBox7.Text != "" && metroComboBox1.Text != "" && metroDateTime1.Text != "")
    {
        //untuk membuka koneksi
        SqlConnection con = new SqlConnection("Data Source=VIOLA\\SQLEXPRESS;Initial Catalog=bakoelancell;User ID=sa;Password=123");

        //insert data ke table Transaksi penjualan
        String st = "INSERT INTO Transaksi_Penjualan(KODE_BARANG, NAMA_BARANG, QTY, HARGA_PENJUALAN, TOTAL, TGL_KELUAR, NOMOR_PEMBELI, Jenis) VALUES (@KODE_BARANG, @NAMA_BARANG, @QTY,
        SqlCommand sqlcom = new SqlCommand(st, con);
        sqlcom.Parameters.AddWithValue("@KODE_BARANG", textBox1.Text);
        sqlcom.Parameters.AddWithValue("@NAMA_BARANG", textBox2.Text);
        sqlcom.Parameters.AddWithValue("@QTY", Convert.ToInt32(textBox3.Text));
        sqlcom.Parameters.AddWithValue("@HARGA_PENJUALAN", Convert.ToInt32(textBox4.Text));
        sqlcom.Parameters.AddWithValue("@TOTAL", Convert.ToInt32(textBox3.Text) * Convert.ToInt32(textBox4.Text));
        sqlcom.Parameters.AddWithValue("@TGL_KELUAR", Convert.ToDateTime(metroDateTime1.Text));
        sqlcom.Parameters.AddWithValue("@NOMOR_PEMBELI", textBox7.Text);
        sqlcom.Parameters.AddWithValue("@Jenis", metroComboBox1.Text);
```

k. *Source Code* Tambah Pembelian

```csharp
private void metroButton1_Click(object sender, EventArgs e)
{
    if (textBox1.Text != "" && textBox2.Text != "" && textBox3.Text != "" && textBox4.Text != "" && textBox7.Text != "" && metroComboBox1.Text != "" && metroDateTime1.Text != "" && textBox6.Text != "")
    {
        SqlConnection con = new SqlConnection("Data Source=VIOLA\\SQLEXPRESS;Initial Catalog=bakoelancell;User ID=sa;Password=123");

        //queri satu untuk input data tabel transaksi pembelian
        String st = "INSERT INTO Transaksi_Pembelian(KODE_BARANG, NAMA_BARANG, QTY, HARGA_PEMBELIAN, TOTAL, TGL_PEMBELIAN, SUPPLIER, NOMOR_SUPPLIER, Jenis) VALUES (@KODE_BARANG, @NAMA_BARANG, @QTY, @HARGA_PEMBELIAN, @TOTAL, @TGL_PEMBELIAN,
        SqlCommand sqlcom = new SqlCommand(st, con);
        sqlcom.Parameters.AddWithValue("@KODE_BARANG", textBox1.Text);
        sqlcom.Parameters.AddWithValue("@NAMA_BARANG", textBox2.Text);
        sqlcom.Parameters.AddWithValue("@QTY", Convert.ToInt32(textBox3.Text));
        sqlcom.Parameters.AddWithValue("@HARGA_PEMBELIAN", Convert.ToInt32(textBox4.Text));
        sqlcom.Parameters.AddWithValue("@TOTAL", Convert.ToInt32(textBox3.Text) * Convert.ToInt32(textBox4.Text));
        sqlcom.Parameters.AddWithValue("@TGL_PEMBELIAN", Convert.ToDateTime(metroDateTime1.Text));
        sqlcom.Parameters.AddWithValue("@SUPPLIER", textBox6.Text);
        sqlcom.Parameters.AddWithValue("@NOMOR_SUPPLIER", textBox7.Text);
        sqlcom.Parameters.AddWithValue("@Jenis", metroComboBox1.Text);
```

l. *Source Code* Tambah Pembelian

```csharp
try
{
    con.Open();
    sqlcom.ExecuteNonQuery();

    //untuk query chek kode barang di tabel stok barang
    SqlDataAdapter sda = new SqlDataAdapter("SELECT Count(*) FROM Stok_Barang WHERE KODE_BARANG='" + textBox1.Text + "'", con);
    DataTable dt = new DataTable();
    sda.Fill(dt);

    if (dt.Rows[0][0].ToString() == "1")
    {
        string query_update = "Update Stok_Barang set STOK =STOK + '" + Convert.ToInt32(textBox3.Text) + "' where (KODE_BARANG='" + textBox1.Text + "')";
        SqlCommand sqlcom3 = new SqlCommand(query_update, con);
        sqlcom3.ExecuteNonQuery();
        MetroMessageBox.Show(this, "Data telah disimpan.", "Update Successful!", MessageBoxButtons.OK, MessageBoxIcon.Information);
    }
    else
    {
        //queri satu untuk input data stok_barang
        String query_insert = "INSERT INTO Stok_Barang (KODE_BARANG, NAMA_BARANG, STOK, HARGA_BELI,Jenis) VALUES (@KODE_BARANG, @NAMA_BARANG, @STOK, @HARGA_BELI, @Jenis)";
        SqlCommand sqlcom2 = new SqlCommand(query_insert, con);
        sqlcom2.Parameters.AddWithValue("@KODE_BARANG", textBox1.Text);
        sqlcom2.Parameters.AddWithValue("@NAMA_BARANG", textBox2.Text);
        sqlcom2.Parameters.AddWithValue("@STOK", Convert.ToInt32(textBox3.Text));
        sqlcom2.Parameters.AddWithValue("@HARGA_BELI", Convert.ToInt32(textBox4.Text));
        sqlcom2.Parameters.AddWithValue("@Jenis", metroComboBox1.Text);
        sqlcom2.ExecuteNonQuery();
        MetroMessageBox.Show(this, "Data telah disimpan.", "Insert Successful!", MessageBoxButtons.OK, MessageBoxIcon.Information);
    }
    con.Close();
    textBox1.Text = "";
    textBox2.Text = "";
    textBox3.Text = "";
    textBox4.Text = "";
    textBox6.Text = "";
    textBox7.Text = "";
    metroComboBox1.Text = "";
```

m. *Source Code* Cari Barang

```
private void metroButton1_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection("Data Source=VIOLA\\SQLEXPRESS;Initial Catalog=bakoelancell;User ID=sa;Password=123");
    string sql = "SELECT * FROM Stok_Barang WHERE KODE_BARANG LIKE '" + "%" + textBox1.Text + "%" + "'";
    SqlDataAdapter dataadapter = new SqlDataAdapter(sql, con);
    DataSet ds = new DataSet();
    con.Open();
    dataadapter.Fill(ds, "Cari_KODE");
    con.Close();
    metroGrid2.DataSource = ds;
    metroGrid2.DataMember = "Cari_KODE";
}
```

n. *Source Code* Validasi

```
private void textBox4_KeyPress(object sender, KeyPressEventArgs e)
{
    char ch = e.KeyChar;
    if (!Char.IsDigit(ch) && ch != 8)
    {
        MessageBox.Show("Hanya Bisa Dimasuki Angka");
        e.Handled = true;
    }
}
```