**Event Drivennya DompetMU**

**Form 1**

**1. Refresh Button**

Tambahkan sebuah tombol bernama buttonRefresh dan buat event handler-nya:

csharp

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private void buttonRefresh\_Click(object sender, EventArgs e)

{

RefreshData(); // reload saldo

MessageBox.Show("Data berhasil diperbarui!", "Info", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

Jangan lupa menghubungkan event ini di designer atau melalui kode:

csharp

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this.buttonRefresh.Click += new System.EventHandler(this.buttonRefresh\_Click);

**2. Form Closed Event (Agar aplikasi tertutup ketika Form1 ditutup)**

csharp

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private void Form1\_FormClosed(object sender, FormClosedEventArgs e)

{

Application.Exit(); // memastikan aplikasi benar-benar keluar

}

Hubungkan juga di constructor atau designer:

csharp

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this.FormClosed += new System.Windows.Forms.FormClosedEventHandler(this.Form1\_FormClosed);

**3. Tekan Enter di TextBox untuk Refresh**

Jika kamu ingin menambahkan event ketika pengguna menekan Enter di salah satu TextBox, misalnya textBox1:

csharp

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private void textBox1\_KeyDown(object sender, KeyEventArgs e)

{

if (e.KeyCode == Keys.Enter)

{

RefreshData();

e.SuppressKeyPress = true; // hindari bunyi "ding"

}

}

Hubungkan event-nya:

csharp

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this.textBox1.KeyDown += new System.Windows.Forms.KeyEventHandler(this.textBox1\_KeyDown);

### **Form 2**

### 1. **Validasi Real-Time Jumlah (textBox1)**

Isi event textBox1\_TextChanged agar validasi angka dilakukan saat user mengetik:

csharp

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private void textBox1\_TextChanged(object sender, EventArgs e)

{

if (!decimal.TryParse(textBox1.Text, out \_) && !string.IsNullOrWhiteSpace(textBox1.Text))

{

textBox1.BackColor = Color.LightPink;

}

else

{

textBox1.BackColor = Color.White;

}

}

### 2. **Validasi Real-Time Deskripsi (textBox2)**

csharp

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private void textBox2\_TextChanged(object sender, EventArgs e)

{

if (string.IsNullOrWhiteSpace(textBox2.Text))

{

textBox2.BackColor = Color.LightYellow;

}

else

{

textBox2.BackColor = Color.White;

}

}

### 3. **Tampilkan Tanggal Terpilih (dateTimePicker1)**

csharp

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private void dateTimePicker1\_ValueChanged(object sender, EventArgs e)

{

this.Text = $"Tanggal Pengeluaran: {dateTimePicker1.Value.ToShortDateString()}";

}

### 4. **Ganti Warna ComboBox saat Kategori Dipilih**

csharp

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private void comboBox1\_SelectedIndexChanged(object sender, EventArgs e)

{

// Contoh responsif: jika kategori "Lain-lain" dipilih, warnai merah

if (comboBox1.SelectedItem.ToString() == "Lain-lain")

{

comboBox1.BackColor = Color.LightCoral;

}

else

{

comboBox1.BackColor = Color.White;

}

}

### 5. **Event Load Form2 (Inisialisasi UI)**

csharp

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private void Form2\_Load(object sender, EventArgs e)

{

dateTimePicker1.Value = DateTime.Today;

textBox1.Focus();

}

### 6. **Event Close Form2 (Kembali ke Form1 jika belum ditutup)**

csharp

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private void Form2\_FormClosed(object sender, FormClosedEventArgs e)

{

\_form1.Show();

}

Pasang ini di constructor atau di designer:

csharp

CopyEdit

this.FormClosed += new System.Windows.Forms.FormClosedEventHandler(this.Form2\_FormClosed);

**Form 3**

### 1. **Form Load (**FormPendapatan\_Load**)**

Gunakan untuk inisialisasi UI saat form dibuka, seperti memberi fokus ke textBox1.

csharp

CopyEdit

private void FormPendapatan\_Load(object sender, EventArgs e)

{

textBox1.Focus();

dateTimePicker1.Value = DateTime.Today;

}

**Registrasi Event:**  
Di constructor:

csharp

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this.Load += new EventHandler(FormPendapatan\_Load);

### 2. **Validasi Jumlah Real-Time (**textBox1\_TextChanged**)**

Berikan umpan balik jika input jumlah tidak valid.

csharp

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private void textBox1\_TextChanged(object sender, EventArgs e)

{

if (!decimal.TryParse(textBox1.Text, out \_) && !string.IsNullOrWhiteSpace(textBox1.Text))

{

textBox1.BackColor = Color.LightPink;

}

else

{

textBox1.BackColor = Color.White;

}

}

**Registrasi Event:**

csharp

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this.textBox1.TextChanged += new EventHandler(textBox1\_TextChanged);

### 3. **Validasi Deskripsi (**textBox2\_TextChanged**)**

Periksa jika deskripsi kosong saat mengetik.

csharp

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private void textBox2\_TextChanged(object sender, EventArgs e)

{

textBox2.BackColor = string.IsNullOrWhiteSpace(textBox2.Text) ? Color.LightYellow : Color.White;

}

**Registrasi Event:**

csharp

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this.textBox2.TextChanged += new EventHandler(textBox2\_TextChanged);

### 4. **Kategori Dipilih (**comboBox1\_SelectedIndexChanged**)**

Beri warna latar jika kategori "Lain-lain" dipilih.

csharp

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private void comboBox1\_SelectedIndexChanged(object sender, EventArgs e)

{

if (comboBox1.SelectedItem.ToString() == "Lain-lain")

{

comboBox1.BackColor = Color.LightCoral;

}

else

{

comboBox1.BackColor = Color.White;

}

}

**Registrasi Event:**

csharp

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this.comboBox1.SelectedIndexChanged += new EventHandler(comboBox1\_SelectedIndexChanged);

### 5. **Tanggal Dipilih (**dateTimePicker1\_ValueChanged**)**

Tampilkan tanggal terpilih pada judul form.

csharp

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private void dateTimePicker1\_ValueChanged(object sender, EventArgs e)

{

this.Text = "Tambah Pendapatan - " + dateTimePicker1.Value.ToShortDateString();

}

**Registrasi Event:**

csharp

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this.dateTimePicker1.ValueChanged += new EventHandler(dateTimePicker1\_ValueChanged);

### 6. **Form Closed Event (**FormPendapatan\_FormClosed**)**

Pastikan kembali ke Form1 jika user menutup FormPendapatan lewat X.

csharp

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private void FormPendapatan\_FormClosed(object sender, FormClosedEventArgs e)

{

\_form1.Show();

}

**Registrasi Event:**

csharp

CopyEdit

this.FormClosed += new FormClosedEventHandler(FormPendapatan\_FormClosed);