FrmLogin.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class FrmLogin :
Form
    {
        public FrmLogin()
        {
            InitializeComponent();
        }

        private void
btnLogin_Click(object sender,
EventArgs e)
        {
            MySqlDataReader dr =
H.openTable("tb_user", "user='" +
txtNama.Text + "' AND pass='" +
txtPass.Text + "' AND status=1");
            if (dr.Read())
            {
                H.strOperator =
dr["user"].ToString();
                this.Hide();
                H.openDialog(new
FrmUtama());
                this.Close();
            }
            else
            {
                H.msgError("Salah
kombinasi username dan password!");
            }
        }

        private void
FrmLogin_Load(object sender,
EventArgs e)
        {
```

FrmSewa.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;
using
CrystalDecisions.CrystalReports.Engin
e;

namespace RentCar
{
    public partial class FrmSewa :
Form
    {
        MySqlDataReader dr;
        public FrmSewa()
        {
            InitializeComponent();
        }

        private void
FrmSewa_Load(object sender, EventArgs
e)
        {
            ckAwal.Value =
DateTime.Now;
            ckAkhir.Value =
DateTime.Now;


H.DsbControls(txtGrandtotal);


txtOperator.Items.Clear();

txtOperator.Items.Add("SEMUA");

H.FillCmb(H.openTable("tb_user"),
txtOperator);
            btnRefresh_Click(null,
null);
        }

        private void
btnRefresh_Click(object sender,
```

```csharp
H.FillCmb(H.OpenDr("SELECT user FROM
tb_user"), txtNama);
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }

        private void
txtPass_KeyPress(object sender,
KeyPressEventArgs e)
        {
            if (H.isEnter(e))
btnLogin_Click(null, null);
            if (e.KeyChar ==
(char)Keys.Back && txtPass.TextLength
== 0) txtNama.Focus();
        }

        private void
FrmLogin_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isClose(e))
btnKeluar_Click(null, null);
        }

        private void
txtNama_KeyPress(object sender,
KeyPressEventArgs e)
        {
            if (H.isEnter(e))
txtPass.Focus();
        }
    }
}
```

FrmMobil.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
```

```csharp
EventArgs e)
        {
            double grandtotal = 0;
            string sql = "SELECT *
FROM tb_sewa WHERE 1=1";

            sql += " AND
(pelangankode LIKE '%" +
txtFilter.Text  + "%'";
            sql += " OR pelanggannama
LIKE '%" + txtFilter.Text + "%'";
            sql += " OR mobilkode
LIKE '%" + txtFilter.Text + "%'";
            sql += " OR mobilnama
LIKE '%" + txtFilter.Text + "%'";
            sql += " OR sopirkode
LIKE '%" + txtFilter.Text + "%'";
            sql += " OR sopirnama
LIKE '%" + txtFilter.Text + "%')";

            if (ckAwal.Checked) sql
+= " AND tanggal>='" +
ckAwal.Value.ToString("yyyy-MM-dd") +
"'";
            if (ckAkhir.Checked) sql
+= " AND tanggal<='" +
ckAkhir.Value.ToString("yyyy-MM-dd")
+ "'";

            if (txtOperator.Text !=
"SEMUA")  sql += " AND operator='" +
txtOperator.Text + "'";

            sql += " ORDER BY nota";

            dr = H.OpenDr(sql);
            dgv.Rows.Clear();
            int no = 1;
            while (dr.Read())
            {
                dgv.Rows.Add(new
object[] {
                    no++,

dr.GetMySqlDateTime("tanggal"),
                    dr["nota"],

dr["pelangankode"],

dr["pelanggannama"],
                    dr["catatan"],
                    dr["mobilkode"],
                    dr["mobilnama"],
```

```csharp
using MySql.Data.MySqlClient;
using System.Globalization;


namespace RentCar
{
    public partial class FrmMobil :
Form
    {
        public FrmMobil()
        {
            InitializeComponent();
        }

        private void
FrmMobil_Load(object sender,
EventArgs e)
        {
            btnRefresh_Click(null,
null);
        }

        private void
btnTambah_Click(object sender,
EventArgs e)
        {
            if (H.openDialog(new
FrmMobilTambah()) ==
DialogResult.Yes)

btnRefresh_Click(null, null);
        }

        private void
btnUbah_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count == 0)
            {
                H.msgError("Belum ada
data yang dipilih");
                return;
            }

            H.IdEdit =
H.GetSelAt(dgv, 1);

            FrmMobilTambah frm = new
FrmMobilTambah();
            frm.editState = true;
            if (frm.ShowDialog() ==
DialogResult.Yes)
btnRefresh_Click(null, null);
                        dr["sopirkode"],
                        dr["sopirnama"],

H.toStrC(dr["biaya"]),

dr.GetMySqlDateTime("tanggalmulai"),

dr.GetMySqlDateTime("tanggalselesai")
,
                        dr["lama"],

H.toStrC(dr["harga"]),
                        dr["jamekstra"],

H.toStrC(dr["biayalain"]),

H.toStrC(dr["subtotal"]),

H.toStrC(dr["diskon"]),

H.toStrC(dr["total"]),

H.toStrC(dr["uangmuka"]),

H.toStrC(dr["bayar"]),

H.toStrC(dr["sisa"]),
                        dr["status"],
                        dr["operator"]
                    });
                    grandtotal +=
H.toD(dr["total"]);
            }
            txtGrandtotal.Text =
H.toStrC(grandtotal);
        }

    private void
txtAwal_ValueChanged(object sender,
EventArgs e)
        {
            btnRefresh_Click(null,
null);
        }

        private void
txtAkhir_ValueChanged(object sender,
EventArgs e)
        {
            btnRefresh_Click(null,
null);
        }
```

```csharp
        }

        private void
btnHapus_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count == 0)
            {
                H.msgError("Belum ada
data yang dipilih");
                return;
            }
            if (H.msgAsk("Hapus
data?") == DialogResult.Yes)
            {
                if (H.execute("DELETE
FROM tb_mobil WHERE kode='" +
H.GetSelAt(dgv, 1) + "'"))
                {
                    H.msgInfo("Data
dihapus");

btnRefresh_Click(null, null);
                }
            }

        }

        private void
btnRefresh_Click(object sender,
EventArgs e)
        {
            MySqlDataReader dr =
H.OpenDr("SELECT a.*, (SELECT
COUNT(*) FROM tb_sewa WHERE
mobilkode=kode AND STATUS='sewa') AS
total FROM tb_mobil a WHERE kode LIKE
'%" + txtFilter.Text + "%' OR nama
LIKE '%" + txtFilter.Text + "%' OR
pemilik LIKE '%" + txtFilter.Text +
"%' ORDER BY kode");
            dgv.Rows.Clear();
            int no = 1;
            while (dr.Read())
            {
                dgv.Rows.Add(new
Object[] {
                    no++,
                    dr["kode"],
                    dr["nama"],
                    dr["pemilik"],
H.toStrC(dr["harga"]),
```

```csharp
        private void
txtOperator_SelectedIndexChanged(obje
ct sender, EventArgs e)
        {
            btnRefresh_Click(null,
null);
        }

        private void
btnTambah_Click(object sender,
EventArgs e)
        {
            if (H.openDialog(new
FrmSewaTambah()) == DialogResult.Yes)

btnRefresh_Click(null, null);
        }

        private void
btnUbah_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count > 0)
            {
                if (H.GetSelAt(dgv,
20) == "OK")
                {
                    H.msgError("Sewa
yang sudah dikembalikan tidak dapat
diubah lagi!");
                }
                else
                {
                    FrmSewaTambah f =
new FrmSewaTambah();
                    H.IdEdit =
H.GetSelAt(dgv, 2);
                    f.editState =
true;
                    if
(H.openDialog(f) == DialogResult.Yes)

btnRefresh_Click(null, null);
                }
            }
        }

        private void
btnHapus_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count > 0)
            {
```

```
                dr["keterangan"],
(dr["total"].ToString()=="0") ? "OK":
"SEWA"
                });
            }
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }

        private void
FrmMobil_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isRefresh(e))
btnRefresh_Click(null, null);
            if (H.isAdd(e))
btnTambah_Click(null, null);
            if (H.isEdit(e))
btnUbah_Click(null, null);
            if (H.isDelete(e))
btnHapus_Click(null, null);
            if (H.isClose(e))
btnKeluar_Click(null, null);
        }

        private void
dgv_CellFormatting(object sender,
DataGridViewCellFormattingEventArgs
e)
        {
            if
(dgv.Rows[e.RowIndex].Cells[6].Value.
ToString() == "SEWA")
                e.CellStyle.ForeColor
= Color.Red;

        }
    }
}
```

FrmMobilCari.cs :

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
```

```
            if (H.msgAsk("Hapus
data?") == DialogResult.Yes)
            {
                H.execute("DELETE
FROM tb_sewa WHERE nota='" +
H.GetSelAt(dgv, 2) + "'");
                H.msgInfo("Data
terhapus");

btnRefresh_Click(null, null);
            }
        }

        private void
FrmSewa_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isRefresh(e))
btnRefresh_Click(null, null);
            if (H.isAdd(e))
btnTambah_Click(null, null);
            if (H.isEdit(e))
btnUbah_Click(null, null);
            if (H.isDelete(e))
btnHapus_Click(null, null);
            if (H.isClose(e))
btnKeluar_Click(null, null);
            if (H.isPrint(e))
btnCetak_Click(null, null);
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }

        private void
btnCetak_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count == 0)
            {
                H.msgError("Data
tidak ada!");
                return;
            }
            string sql = "";
            try
            {
                string header1 =
```

```csharp
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class FrmMobilCari
: Form
    {
        public DateTime tanggalawal,
tanggalakhir;

        public FrmMobilCari()
        {
            InitializeComponent();
        }

        private void
FrmCariMobil_Load(object sender,
EventArgs e)
        {
            txtCari_TextChanged(null,
null);
        }

        private void
btnOK_Click(object sender, EventArgs
e)
        {
            if (dgv.Rows.Count > 0)
            {
                H.IdCari =
H.GetSelAt(dgv);
                this.DialogResult =
DialogResult.Yes;
            }
            this.Close();
        }

        private void
dgv_CellDoubleClick(object sender,
DataGridViewCellEventArgs e)
        {
            btnOK_Click(null, null);
        }

        private void
txtCari_KeyUp(object sender,
KeyEventArgs e)
```

```csharp
H.getOption("header1");
                string header2 =
H.getOption("header2");
                string header3 =
H.getOption("header3");

                string periode =
"Periode: " +
ckAwal.Value.ToString("dd-MMM-yyyy")
+ " s/d " +
ckAkhir.Value.ToString("dd-MMM-
yyyy");
                string stroperator =
"Operator: " + txtOperator.Text;
                string cetak =
"Cetak: " +
DateTime.Now.ToShortDateString() + "
Oleh: " + H.strOperator;

                H.CloseDr();
                DataSet ds = new
DataSet();

                sql = "SELECT '" +
                    header1 + "' AS
header1, '" +
                    header2 + "' AS
header2, '" +
                    header3 + "' AS
header3, '" +
                    stroperator + "'
AS foperator, '" +
                    periode + "' AS
periode, a.*, '" +
                    cetak + "' AS
cetak " +
                    "FROM tb_sewa a
WHERE 1=1";

                if (ckAwal.Checked)
sql += " AND tanggal>='" +
ckAwal.Value.ToString("yyyy-MM-dd") +
"'";
                if (ckAkhir.Checked)
sql += " AND tanggal<='" +
ckAkhir.Value.ToString("yyyy-MM-dd")
+ "'";

                MySqlDataAdapter
adapter = new MySqlDataAdapter(sql,
H.getConnection());
                adapter.Fill(ds);
```

```csharp
        {
            if (e.KeyCode == Keys.Up
|| e.KeyCode == Keys.Down)
dgv.Focus();
        }

        private void
txtCari_KeyPress(object sender,
KeyPressEventArgs e)
        {
            if (H.isEnter(e))
dgv.Focus();
        }

        private void
txtCari_TextChanged(object sender,
EventArgs e)
        {
            MySqlDataReader dr =
H.OpenDr("SELECT * FROM tb_mobil
WHERE (kode LIKE '%" + txtCari.Text +
            "%' OR nama LIKE '%"
+ txtCari.Text + "%' OR harga LIKE
'%" + txtCari.Text +
            "%') AND kode NOT IN
(SELECT mobilkode FROM tb_sewa WHERE
(tanggalmulai>='" +
tanggalawal.ToString("yyyy-MM-dd") +
            "' AND
tanggalmulai<='" +
tanggalawal.ToString("yyyy-MM-dd") +
            "') OR
(tanggalselesai>='" +
tanggalakhir.ToString("yyyy-MM-dd") +
            "' AND
tanggalselesai<='" +
tanggalakhir.ToString("yyyy-MM-dd") +
"')) ORDER BY kode");

            dgv.Rows.Clear();

            while (dr.Read())
            dgv.Rows.Add(new object[]
{
                dr["kode"],
                dr["nama"],
                dr["pemilik"],
H.toStrC(dr["harga"]),
                dr["keterangan"]
            });

        }
```

```csharp
            ReportDocument rd =
new ReportDocument();

rd.Load("../../rptSewa.rpt");

rd.Database.Tables[0].SetDataSource(d
s.Tables[0]);

                //pakai perintah ini
untuk langsung print dan hapus 5
baris perintah di bawahnya
                //rd.PrintToPrinter;

                FrmCetak l = new
FrmCetak();
                l.MdiParent =
this.MdiParent;
                l.WindowState =
FormWindowState.Maximized;

l.crystalReportViewer1.ReportSource =
rd;
                l.Show();
            }
            catch (Exception ex)
            {
                H.msgError(ex.Message
+ sql);
            }
        }

        private void
btnCetakNota_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count == 0)
            {
                H.msgError("Data
tidak ada!");
                return;
            }
            string sql = "";
            try
            {
                string header1 =
H.getOption("header1");
                string header2 =
H.getOption("header2");
                string header3 =
H.getOption("header3");
                string footer1 =
H.getOption("footer1");
                string footer2 =
```

```csharp
        private void
dgv_KeyDown(object sender,
KeyEventArgs e)
        {
            if (e.KeyCode ==
Keys.Enter) btnOK_Click(null, null);
        }

        private void
FrmMobilCari_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isClose(e))
btnKeluar_Click(null, null);
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }
    }
}
```

FrmMobilTambah.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class
FrmMobilTambah : Form
    {
        public bool editState =
false;

        public FrmMobilTambah()
        {
            InitializeComponent();
```

```csharp
H.getOption("footer2");
                string footer3 =
H.getOption("footer3");

                string periode =
"Periode: " +
ckAwal.Value.ToString("dd-MMM-yyyy")
+ " s/d " +
ckAkhir.Value.ToString("dd-MMM-
yyyy");
                string stroperator =
"Operator: " + txtOperator.Text;
                string cetak =
"Cetak: " +
DateTime.Now.ToShortDateString() + "
Oleh: " + H.strOperator;

                H.CloseDr();
                DataSet ds = new
DataSet();

                sql = "SELECT '" +
                    header1 + "' AS
header1, '" +
                    header2 + "' AS
header2, '" +
                    header3 + "' AS
header3, '" +
                    footer1 + "' AS
footer1, '" +
                    footer2 + "' AS
footer2, '" +
                    footer3 + "' AS
footer3, '" +
                    stroperator + "'
AS foperator, '" +
                    periode + "' AS
periode, a.*, '" +
                    cetak + "' AS
cetak " +
                    "FROM tb_sewa a
WHERE nota='" + H.GetSelAt(dgv, 2) +
"'";

                MySqlDataAdapter
adapter = new MySqlDataAdapter(sql,
H.getConnection());
                adapter.Fill(ds);

                ReportDocument rd =
new ReportDocument();

rd.Load("../../rptSewaTambah.rpt");
```

```csharp
        }

        private void
btnAuto_Click(object sender,
EventArgs e)
        {
            txtKode.Text =
H.kodeOto("tb_Mobil", "kode", "dk",
4);
        }

        private void
btnSimpan_Click(object sender,
EventArgs e)
        {
            if (txtKode.Text == "" &&
!editState)
            {
                H.msgError("Kode
tidak boleh kosong!");
                txtKode.Focus();
                return;
            }
            if (txtNama.Text == "")
            {
                H.msgError("Nama
tidak boleh kosong!");
                txtNama.Focus();
                return;
            }

            if
(H.isKdExist(txtKode.Text) &&
!editState)
            {
                H.msgError("Kode
sudah ada!");
                txtKode.Focus();
                return;
            }
            MySqlCommand cmd;
            if (editState)
                cmd = new
MySqlCommand("UPDATE tb_mobil SET
nama=@nama,
pemilik=@pemilik,harga=@harga,keteran
gan=@keterangan WHERE kode=@kode",
H.getConnection());
            else
            {
                cmd = new
MySqlCommand("INSERT INTO tb_mobil
(kode, nama, pemilik, harga,
```

```csharp
rd.Database.Tables[0].SetDataSource(d
s.Tables[0]);

                //pakai perintah ini
untuk langsung print dan hapus 5
baris perintah di bawahnya
                //rd.PrintToPrinter;

                FrmCetak l = new
FrmCetak();
                l.MdiParent =
this.MdiParent;
                l.WindowState =
FormWindowState.Maximized;

l.crystalReportViewer1.ReportSource =
rd;
                l.Show();
            }
            catch (Exception ex)
            {
                H.msgError(ex.Message
+ sql);
            }
        }

        private void
dgv_CellFormatting(object sender,
DataGridViewCellFormattingEventArgs
e)
        {
            if
(dgv.Rows[e.RowIndex].Cells[20].Value
.ToString()=="SEWA")
                e.CellStyle.ForeColor
= Color.Red;
        }

        private void
btnKembali_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count > 0)
            {
                if (H.GetSelAt(dgv,
20) == "OK")
                {
                    H.msgError("Sewa
yang sudah dikembalikan tidak dapat
diubah lagi!");
                }
                else
```

```csharp
keterangan) VALUES(@kode, @nama,
@pemilik, @harga, @keterangan)",
H.getConnection());
                H.idTambah =
txtKode.Text;
            }

cmd.Parameters.AddWithValue("kode",
txtKode.Text);

cmd.Parameters.AddWithValue("nama",
txtNama.Text);

cmd.Parameters.AddWithValue("pemilik"
, txtPemilik.Text);

cmd.Parameters.AddWithValue("harga",
H.toD(txtHarga.Text));

cmd.Parameters.AddWithValue("keterang
an", txtKet.Text);
            H.executeCMD(cmd);
            H.msgInfo("Data
tersimpan");
            this.DialogResult =
DialogResult.Yes;
            this.Close();
        }

        private void
FrmTambahMobil_Load(object sender,
EventArgs e)
        {
            if (editState)
            {
                MySqlDataReader dr =
H.openTable("tb_mobil", "kode='" +
H.IdEdit + "'");
                if (dr.Read())
                {
                    txtKode.Text =
dr["kode"].ToString();
                    txtNama.Text =
dr["nama"].ToString();
                    txtPemilik.Text =
dr["pemilik"].ToString();
                    txtHarga.Text =
dr["harga"].ToString();
                    txtKet.Text =
dr["keterangan"].ToString();

H.DsbControls(txtKode);
```

```csharp
                {
                    FrmSewaKembali f
= new FrmSewaKembali();
                    H.IdEdit =
H.GetSelAt(dgv, 2);
                    f.editState =
true;
                    if
(H.openDialog(f) == DialogResult.Yes)

btnRefresh_Click(null, null);
                }
            }
        }

        private void
txtFilter_KeyPress(object sender,
KeyPressEventArgs e)
        {
            if (H.isEnter(e))

btnRefresh_Click(null, null);
        }
    }
}
```

FrmSewaCari.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class FrmSewaCari
: Form
    {
        public FrmSewaCari()
        {
            InitializeComponent();
        }

        private void
```

```csharp
                    btnAuto.Visible =
false;
                }
            }
            else
            {
                btnAuto_Click(null,
null);
            }
        }

        private void
FrmMobilTambah_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isSave(e))
btnSimpan_Click(null, null);
            if (H.isClose(e))
btnKeluar_Click(null, null);
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }
    }
}
```

FrmPassword.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;
namespace RentCar
{
    public partial class FrmPassword
: Form
    {
        MySqlDataReader dr;
        string user, pass;
```

```csharp
FrmCariMobil_Load(object sender,
EventArgs e)
        {
            txtCari_TextChanged(null,
null);
        }

        private void
btnOK_Click(object sender, EventArgs
e)
        {
            if (dgv.Rows.Count > 0)
H.IdCari = H.GetSelAt(dgv);
            this.DialogResult =
DialogResult.Yes;
            this.Close();
        }

        private void
dgv_CellDoubleClick(object sender,
DataGridViewCellEventArgs e)
        {
            btnOK_Click(null, null);
        }

        private void
txtCari_KeyUp(object sender,
KeyEventArgs e)
        {
            if (e.KeyCode == Keys.Up
|| e.KeyCode == Keys.Down)
dgv.Focus();
        }

        private void
txtCari_KeyPress(object sender,
KeyPressEventArgs e)
        {
            if (e.KeyChar ==
(char)13) dgv.Focus();
        }

        private void
txtCari_TextChanged(object sender,
EventArgs e)
        {
            MySqlDataReader dr =
H.OpenDr("SELECT nota, tanggal,
pelanggannama, mobilnama, catatan
FROM tb_sewa WHERE (nota LIKE '%" +
txtCari.Text + "%' OR pelanggannama
LIKE '%" + txtCari.Text + "%' OR
mobilnama LIKE '%" + txtCari.Text +
```

```
public FrmPassword()
{
    InitializeComponent();
}

private void
FrmPassword_Load(object sender,
EventArgs e)
{
    dr =
H.openTable("tb_user", "user='" +
H.strOperator + "'");
    if (dr.Read())
    {
        user =
dr["user"].ToString();
        pass =
dr["pass"].ToString();
        txtNama.Text = user;
    }
    txtPass1.Focus();
}

private void
btnKeluar_Click(object sender,
EventArgs e)
{
    this.Close();
}

private void
FrmPassword_KeyDown(object sender,
KeyEventArgs e)
{
    if (H.isSave(e))
btnSimpan_Click(null, null);
    if (H.isClose(e))
btnKeluar_Click(null, null);

}

private void
btnSimpan_Click(object sender,
EventArgs e)
{
    if (txtPass1.Text !=
pass)
    {
        H.msgError("Password
lama salah");
        txtPass1.Focus();
    }
    else if (txtPass2.Text !=
```

```
"%') AND status='SEWA' ORDER BY
nota");
        dgv.Rows.Clear();
        while (dr.Read())
            dgv.Rows.Add(new
object[] {
                dr["nota"],

dr.GetMySqlDateTime("tanggal"),

dr["pelanggannama"],
                dr["mobilnama"],
                dr["catatan"]
            });

}

private void
dgv_KeyDown(object sender,
KeyEventArgs e)
{
    if (e.KeyCode ==
Keys.Enter) btnOK_Click(null, null);
}

private void
FrmMobilCari_KeyDown(object sender,
KeyEventArgs e)
{
    if (H.isClose(e))
btnKeluar_Click(null, null);
}

private void
btnKeluar_Click(object sender,
EventArgs e)
{
    this.Close();
}

private void
dgv_CellFormatting(object sender,
DataGridViewCellFormattingEventArgs
e)
{
    if
(dgv.Rows[e.RowIndex].Cells[4].Value.
ToString() == "SEWA")
            e.CellStyle.ForeColor
= Color.Red;
    }
}
}
```

```
txtPass3.Text)
        {
            H.msgError("Password
dan konfirmasi password tidak sama");
            txtPass2.Focus();
        }
        else
        {
            H.execute("UPDATE
tb_user SET pass='" + txtPass2.Text +
"' WHERE user='" + user + "'");
            H.msgInfo("Password
berhasil diubah!");
            this.Close();
        }
    }
}
```

FrmPelanggan.cs :

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class FrmPelanggan
: Form
    {
        MySqlDataReader dr;
        public FrmPelanggan()
        {
            InitializeComponent();
        }

        private void
FrmPelanggan_Load(object sender,
EventArgs e)
        {
            btnRefresh_Click(null,
null);
        }
```

FrmSewaKembali.cs :

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;
using System.Xml;
using
CrystalDecisions.CrystalReports.Engin
e;

namespace RentCar
{
    public partial class
FrmSewaKembali : Form
    {
        double subtotal, total, sisa;
        public Boolean editState =
false;

        public FrmSewaKembali()
        {
            InitializeComponent();
        }

        private void hitung(object
sender, EventArgs e)
        {
            subtotal =
H.toD(txtLama.Text) *
H.toD(txtHarga.Text) +
H.toD(txtBiayaLain.Text);
            txtSubTotal.Text =
subtotal.ToString();

            total =
H.toD(txtSubTotal.Text) -
H.toD(txtDiskon.Text);
            txtTotal.Text =
total.ToString();

            sisa =
H.toD(txtTotal.Text) -
H.toD(txtUangMuka.Text);
```

```csharp
        private void
btnUbah_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count == 0)
            {
                H.msgError("Belum ada
data yang dipilih");
                return;
            }

            H.IdEdit =
H.GetSelAt(dgv, 1);

            FrmPelangganTambah frm =
new FrmPelangganTambah();
            frm.editState = true;
            if (frm.ShowDialog() ==
DialogResult.Yes)

btnRefresh_Click(null, null);
        }

        private void
btnHapus_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count == 0)
            {
                H.msgError("Belum ada
data yang dipilih");
                return;
            }
            if (H.msgAsk("Hapus
data?") == DialogResult.Yes)
            {
                if (H.execute("DELETE
FROM tb_pelanggan WHERE kode='" +
H.GetSelAt(dgv,1) + "'"))
                {
                    H.msgInfo("Data
dihapus");

btnRefresh_Click(null, null);
                }
            }
        }

        private void
FrmPelanggan_KeyDown(object sender,
KeyEventArgs e)
        {
```

```csharp
            txtDibayar.Text =
sisa.ToString();
            txtSisa.Text = "0";
        }

        private void
txtExtra_TextChanged(object sender,
EventArgs e)
        {
            hitung(null, null);
        }

        private void
txtDiskon_TextChanged(object sender,
EventArgs e)
        {
            hitung(null, null);
        }

        private void
txtBiaya_TextChanged(object sender,
EventArgs e)
        {
            hitung(null, null);
        }

        private void
txtDibayar_TextChanged(object sender,
EventArgs e)
        {
            hitung(null, null);
        }

        private void
btnSimpan_Click(object sender,
EventArgs e)
        {
            MySqlCommand cmd = new
MySqlCommand("UPDATE tb_sewa SET " +
              "
biayalain=@biayalain,
jamekstra=@jamekstra,
subtotal=@subtotal, diskon=@diskon,
total=@total, bayar=@bayar, sisa='0',
status='OK', operator=@operator WHERE
nota=@nota", H.getConnection());


cmd.Parameters.AddWithValue("nota",
txtNota.Text);

cmd.Parameters.AddWithValue("biayalai
n", H.toD(txtBiayaLain.Text) *
```

```
            if (H.isRefresh(e))
btnRefresh_Click(null, null);
            if (H.isAdd(e))
btnTambah_Click(null, null);
            if (H.isEdit(e))
btnUbah_Click(null, null);
            if (H.isDelete(e))
btnHapus_Click(null, null);
            if (H.isClose(e))
btnKeluar_Click(null, null);
        }

        private void
btnTambah_Click(object sender,
EventArgs e)
        {
            if (H.openDialog(new
FrmPelangganTambah()) ==
DialogResult.Yes)

btnRefresh_Click(null, null);
        }

        private void
btnRefresh_Click(object sender,
EventArgs e)
        {
            dr = H.OpenDr("SELECT *
FROM tb_pelanggan WHERE kode LIKE '%"
+ txtFilter.Text + "%' OR nama LIKE
'%" + txtFilter.Text + "%' OR telpon
LIKE '%" + txtFilter.Text + "%' ORDER
BY kode");
            dgv.Rows.Clear();
            int no = 1;
            while (dr.Read())
            {
                dgv.Rows.Add(new
Object[] {
                    no,
                    dr["kode"],
                    dr["nama"],
                    dr["telpon"],
dr["alamattetap"],

dr["alamatsementara"],
                    dr["negara"],
                    dr["ktp"],
                    dr["sim"],
                    dr["keterangan"]
                });
                no++;
```

```
H.toD(txtJamEkstra.Text));

cmd.Parameters.AddWithValue("jamekstr
a", H.toD(txtJamEkstra.Text));


cmd.Parameters.AddWithValue("subtotal
", H.toD(txtSubTotal.Text));

cmd.Parameters.AddWithValue("diskon",
H.toD(txtDiskon.Text));

cmd.Parameters.AddWithValue("total",
H.toD(txtTotal.Text));

cmd.Parameters.AddWithValue("bayar",
H.toD(txtDibayar.Text));

cmd.Parameters.AddWithValue("operator
", H.strOperator);
            H.executeCMD(cmd);

            if (H.msgAsk("Data
tersimpan. Cetak Nota") ==
DialogResult.Yes)
            {
                btnCetak_Click(null,
null);
            }
            this.DialogResult =
DialogResult.Yes;
            this.Close();
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }

        private void
btnCetak_Click(object sender,
EventArgs e)
        {
            string sql = "";

            try
            {
                string header1 =
H.getOption("header1");
                string header2 =
H.getOption("header2");
```

```
            }
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }
    }
}
```

FrmPelangganCari.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class
FrmPelangganCari : Form
    {
        public FrmPelangganCari()
        {
            InitializeComponent();
        }

        private void
FrmCariPelanggan_Load(object sender,
EventArgs e)
        {
            txtCari_TextChanged(null,
null);
        }

        private void
btnOK_Click(object sender, EventArgs
e)
        {
            if (dgv.Rows.Count > 0)
                H.IdCari =
```

```csharp
            string header3 =
H.getOption("header3");

            string cetak =
"Cetak: " +
DateTime.Now.ToShortDateString() + "
Oleh: " + H.strOperator;

            H.CloseDr();
            DataSet ds = new
DataSet();

            sql = "SELECT a.*, '"
+
                header1 + "' AS
header1, '" +
                header2 + "' AS
header2, '" +
                header3 + "' AS
header3, '" +
                cetak + "' AS
cetak " +
                "FROM tb_sewa a
WHERE nota='" + txtNota.Text + "'";

            MySqlDataAdapter
adapter = new MySqlDataAdapter(sql,
H.getConnection());
            adapter.Fill(ds);

            ReportDocument rd =
new ReportDocument();

rd.Load("../../rptSewaTambah.rpt");

rd.Database.Tables[0].SetDataSource(d
s.Tables[0]);

            //pakai perintah ini
untuk langsung print dan hapus 5
baris perintah di bawahnya
            //rd.PrintToPrinter;

            FrmCetak l = new
FrmCetak();

l.crystalReportViewer1.ReportSource =
rd;
            l.ShowDialog();
        }
        catch (Exception ex)
        {
            H.msgError(ex.Message
```

```
        H.GetSelAt(dgv);

            this.DialogResult =
DialogResult.Yes;
            this.Close();
        }

        private void
dgv_CellDoubleClick(object sender,
DataGridViewCellEventArgs e)
        {
            btnOK_Click(null, null);
        }

        private void
txtCari_TextChanged(object sender,
EventArgs e)
        {
            MySqlDataReader dr =
H.openTable("tb_pelanggan", "kode
LIKE '%" + txtCari.Text + "%' OR nama
LIKE '%" + txtCari.Text + "%' OR
telpon LIKE '%" + txtCari.Text + "%'
ORDER BY kode");
            dgv.Rows.Clear();
            while (dr.Read())
            {
                dgv.Rows.Add(new
object[] { dr[0], dr[1], dr[2],
dr[3], dr[4], dr[5], dr[6], dr[7],
dr[8] });
            }
        }

        private void
txtCari_KeyPress(object sender,
KeyPressEventArgs e)
        {
            if (e.KeyChar ==
(char)13) dgv.Focus();
        }

        private void
txtCari_KeyUp(object sender,
KeyEventArgs e)
        {
            if (e.KeyCode == Keys.Up
|| e.KeyCode == Keys.Down)
dgv.Focus();
        }

        private void
dgv_KeyDown(object sender,
```

```
+ sql);
        }
    }

        private void
FrmSewaTambah_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isSave(e))
btnSimpan_Click(null, null);
            if (H.isPrint(e))
btnCetak_Click(null, null);
            if (H.isClose(e))
btnKeluar_Click(null, null);
        }

        private void
txtNota_TextChanged(object sender,
EventArgs e)
        {
            MySqlDataReader dr =
H.openTable("tb_sewa", "nota='" +
txtNota.Text + "'");
            if (dr.Read())
            {
                if
(dr["status"].ToString() == "OK")
                {
                    H.msgInfo("Sewa
sudah dikembalikan");
                    return;
                }
                txtTanggal.Value =
DateTime.Parse(dr["tanggal"].ToString
());
                txtPelangganKode.Text
= dr["pelanggankode"].ToString();
                txtPelangganNama.Text
= dr["pelanggannama"].ToString();
                txtCatatan.Text =
dr["catatan"].ToString();

                txtMobilKode.Text =
dr["mobilkode"].ToString();
                txtMobilNama.Text =
dr["mobilnama"].ToString();

                TxtSopirKode.Text =
dr["sopirkode"].ToString();
                TxtSopirNama.Text =
dr["sopirnama"].ToString();
                TxtBiaya.Text =
dr["biaya"].ToString();
```

```csharp
KeyEventArgs e)
        {
            if (e.KeyCode ==
Keys.Enter) btnOK_Click(null, null);
        }

        private void
FrmPelangganCari_KeyDown(object
sender, KeyEventArgs e)
        {
            if (H.isClose(e))
btnKeluar_Click(null, null);
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }

        private void
dgv_CellContentClick(object sender,
DataGridViewCellEventArgs e)
        {

        }
    }
}
```

FrmPelangganTambah.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class
FrmPelangganTambah : Form
    {
        MySqlDataReader dr;
        public Boolean editState =
```

```csharp
                txtTanggalMulai.Value
=
DateTime.Parse(dr["tanggalmulai"].ToS
tring());


txtTanggalSelesai.Value =
DateTime.Parse(dr["tanggalselesai"].T
oString());

                txtLama.Text =
dr["lama"].ToString();
                txtHarga.Text =
dr["harga"].ToString();
                txtJamEkstra.Text =
dr["jamekstra"].ToString();
                txtBiayaLain.Text =
dr["biayalain"].ToString();
                txtSubTotal.Text =
dr["subtotal"].ToString();
                txtDiskon.Text =
dr["diskon"].ToString();
                txtTotal.Text =
dr["total"].ToString();

                txtUangMuka.Text =
dr["uangmuka"].ToString();
                txtDibayar.Text =
dr["bayar"].ToString();
                txtSisa.Text = "0";


H.DsbControls(txtNota);
        }
    }

        private void
FrmSewaKembali_Load(object sender,
EventArgs e)
        {

H.DsbControls(txtPelangganKode,
txtMobilKode, txtCatatan, txtTanggal,
txtPelangganNama, txtMobilNama,
TxtSopirKode, TxtSopirNama, TxtBiaya,
txtTanggalMulai, txtTanggalSelesai,
txtLama, txtHarga, txtSubTotal,
txtTotal, txtUangMuka, txtDibayar,
txtSisa);
            txtNota.Text = H.IdEdit;
        }
```

```
false;
        public FrmPelangganTambah()
        {
            InitializeComponent();
        }

        private void
btnSimpan_Click(object sender,
EventArgs e)
        {
            if (txtKode.Text == "" &&
!editState)
            {
                H.msgError("Kode
tidak boleh kosong!");
                txtKode.Focus();
                return;
            }
            if (txtNama.Text == "")
            {
                H.msgError("Nama
tidak boleh kosong!");
                txtTelp.Focus();
                return;
            }

            if
(H.isKdExist(txtKode.Text) &&
!editState)
            {
                H.msgError("Kode
sudah ada!");
                txtKode.Focus();
                return;
            }
            MySqlCommand cmd;
            if (editState)
            {
                cmd = new
MySqlCommand("UPDATE tb_pelanggan SET
nama=@nama,
telpon=@telpon,alamatsementara=@alsem
,alamattetap=@altep,negara=@negara,kt
p=@ktp,sim=@sim,keterangan=@keteranga
n WHERE kode=@kode",
H.getConnection());

            }
            else
            {
                cmd = new
MySqlCommand("INSERT INTO
tb_pelanggan (kode, nama, telpon,
```

```
        private void
btnCari_Click(object sender,
EventArgs e)
        {
            if (H.openDialog(new
FrmSewaCari()) == DialogResult.Yes)
                txtNota.Text =
H.IdCari;
        }
    }
}
```

FrmSewaTambah.cs :

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;
using System.Xml;
using
CrystalDecisions.CrystalReports.Engin
e;

namespace RentCar
{
    public partial class
FrmSewaTambah : Form
    {
        MySqlDataReader dr;

        double subtotal, total, sisa;
        public Boolean editState =
false;

        public FrmSewaTambah()
        {
            InitializeComponent();
        }

        private void
BtnAuto_Click(object sender,
EventArgs e)
        {
            txtNota.Text =
H.kodeOto("tb_sewa", "nota", "SW",
```

```
alamatsementara,
alamattetap,negara,ktp,sim,keterangan
) " +
                " VALUES(@kode,
@nama, @telpon, @alsem,
@altep,@negara,@ktp,@sim,@keterangan)
", H.getConnection());
            H.idTambah =
txtKode.Text;
        }

cmd.Parameters.AddWithValue("kode",
txtKode.Text);

cmd.Parameters.AddWithValue("nama",
txtNama.Text.ToString());

cmd.Parameters.AddWithValue("telpon",
txtTelp.Text.ToString());

cmd.Parameters.AddWithValue("alsem",
txtAlamatS.Text.ToString());

cmd.Parameters.AddWithValue("altep",
txtAlamatT.Text.ToString());

cmd.Parameters.AddWithValue("negara",
txtNegara.Text.ToString());

cmd.Parameters.AddWithValue("ktp",
txtKtp.Text.ToString());

cmd.Parameters.AddWithValue("sim",
txtSim.Text.ToString());

cmd.Parameters.AddWithValue("keterang
an", txtKet.Text.ToString());
            H.executeCMD(cmd);
            H.msgInfo("Data
tersimpan");
            this.DialogResult =
DialogResult.Yes;
            this.Close();
        }

    private void
FrmTambahPelanggan_Load(object
sender, EventArgs e)
        {
            H.FillCmbTerm(txtNegara,
"negara");
            if (editState)
            {
```

```
7);
        }

    private void
FrmSewaBaru_Load(object sender,
EventArgs e)
        {
            if (editState)
            {
                DataTable dt =
H.openDT("SELECT * FROM tb_sewa WHERE
nota='" + H.IdEdit + "'");
                if (dt.Rows.Count >
0)
                {
                    txtNota.Text =
dt.Rows[0]["nota"].ToString();
                    txtTanggal.Value
=
DateTime.Parse(dt.Rows[0]["tanggal"].
ToString());

txtPelangganKode.Text =
dt.Rows[0]["pelanggankode"].ToString(
);
                    txtCatatan.Text =
dt.Rows[0]["catatan"].ToString();

                    txtMobilKode.Text
= dt.Rows[0]["mobilkode"].ToString();
                    TxtSopirKode.Text
= dt.Rows[0]["sopirkode"].ToString();


txtTanggalMulai.Value =
DateTime.Parse(dt.Rows[0]["tanggalmul
ai"].ToString());


txtTanggalSelesai.Value =
DateTime.Parse(dt.Rows[0]["tanggalsel
esai"].ToString());

                    TxtLama.Text =
dt.Rows[0]["lama"].ToString();
                    txtHarga.Text =
dt.Rows[0]["harga"].ToString();
                    txtSubTotal.Text
= dt.Rows[0]["subtotal"].ToString();
                    txtDiskon.Text =
dt.Rows[0]["diskon"].ToString();
                    txtTotal.Text =
dt.Rows[0]["total"].ToString();
```

```
                dr =
H.openTable("tb_pelanggan", "kode='"
+ H.IdEdit + "'");
                if (dr.Read())
                {
                    txtKode.Text =
dr["kode"].ToString();
                    txtNama.Text =
dr["nama"].ToString();
                    txtTelp.Text =
dr["telpon"].ToString();
                    txtAlamatS.Text =
dr["alamatsementara"].ToString();
                    txtAlamatT.Text =
dr["alamattetap"].ToString();
                    txtNegara.Text =
dr["negara"].ToString();
                    txtKtp.Text =
dr["ktp"].ToString();
                    txtSim.Text =
dr["sim"].ToString();
                    txtKet.Text =
dr["keterangan"].ToString();
                    txtNama.Focus();
                }

H.DsbControls(txtKode);
                btnAuto.Visible =
false;
            }
            else
                btnAuto_Click(null,
null);
        }

        private void
btnAuto_Click(object sender,
EventArgs e)
        {
            txtKode.Text =
H.kodeOto("tb_pelanggan", "kode",
"P", 4);
        }

        private void
btnNegara_Click(object sender,
EventArgs e)
        {
            FrmTerms f = new
FrmTerms();
            f.term_taxonomy =
"Negara";
            if (f.ShowDialog() ==
```

```
            txtUangMuka.Text
= dt.Rows[0]["uangmuka"].ToString();
                txtSisa.Text =
dt.Rows[0]["sisa"].ToString();


H.DsbControls(txtNota, btnAuto,
txtPelangganKode, btnPelangganCari,
btnPelangganTambah, txtMobilKode,
btnMobilCari, btnMobilTambah);
                }
            }
            else
            {
                BtnAuto_Click(null,
null);
                txtTanggalMulai.Value
= DateTime.Today;

txtTanggalSelesai.Value =
DateTime.Today;
            }

H.DsbControls(txtPelangganNama,
txtTelp, txtAlamatS, txtAlamatT,
txtNegara, txtKtp, txtSim,
txtMobilNama, txtPemilik,
TxtSopirNama, TxtBiayaSopir, TxtLama
, txtSubTotal, txtTotal, txtSisa);
        }

        private void
txtTanggalB_ValueChanged(object
sender, EventArgs e)
        {
            int hasil =
txtTanggalSelesai.Value.Subtract(txtT
anggalMulai.Value).Days + 1;
            if (hasil <= 0)
                hasil = 1;
            TxtLama.Text =
hasil.ToString();

TxtSopirKode_KeyDown(null, null);

txtMobilKode_KeyDown(null, null);
        }

        private void hitung()
        {
            subtotal =
H.toD(TxtLama.Text) *
```

```
DialogResult.Yes)
        {

txtNegara.Items.Clear();

H.FillCmbTerm(txtNegara, "negara",
H.IdCari);
        }
    }

    private void
btnKeluar_Click(object sender,
EventArgs e)
    {
        this.Close();
    }

  }
}
```

FrmPengaturan.cs :

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class
FrmPengaturan : Form
    {
        MySqlDataReader dr;
        public FrmPengaturan()
        {
            InitializeComponent();
        }

        private void
FrmPengaturan_Load(object sender,
EventArgs e)
        {
            btnRefresh_Click(null,
null);
            isiOption();
```

```
(H.toD(txtHarga.Text) +
H.toD(TxtBiayaSopir.Text));
            txtSubTotal.Text =
subtotal.ToString();

            total =
H.toD(txtSubTotal.Text) -
H.toD(txtDiskon.Text);
            txtTotal.Text =
total.ToString();

            sisa =
H.toD(txtTotal.Text) -
H.toD(txtUangMuka.Text);
            txtSisa.Text =
sisa.ToString();
        }

        private void
txtExtra_TextChanged(object sender,
EventArgs e)
        {
            hitung();
        }

        private void
txtTotal_TextChanged(object sender,
EventArgs e)
        {
            hitung();
        }

        private void
txtBiaya_TextChanged(object sender,
EventArgs e)
        {
            hitung();
        }

        private void
txtTanggalM_ValueChanged(object
sender, EventArgs e)
        {

txtTanggalB_ValueChanged(null, null);
        }

        private void
btnSimpan_Click(object sender,
EventArgs e)
        {

            if
```

```csharp
        }

        private void isiOption()
        {
            txth1.Text =
H.getOption("header1");
            txth2.Text =
H.getOption("header2");
            txth3.Text =
H.getOption("header3");

            txtf1.Text =
H.getOption("footer1");
            txtf2.Text =
H.getOption("footer2");
            txtf3.Text =
H.getOption("footer3");
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }

        private void
btnTambah_Click(object sender,
EventArgs e)
        {
            FrmTambahUser f = new
FrmTambahUser();
            if (f.ShowDialog() ==
DialogResult.Yes)
            {

btnRefresh_Click(null, null);
            }
        }

        private void
btnHapus_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count > 0)
            {
                String d =
dgv.Rows[dgv.CurrentCell.RowIndex].Ce
lls[0].Value.ToString();
                if (H.isKdExist(d,
"tb_jual", "operator"))
                {
                    H.msgError("Data
```

```csharp
(!H.isKdExist(txtPelangganKode.Text,
"tb_pelanggan", "kode"))
            {
                H.msgError("Anda
belum memilih pelanggan");

txtPelangganKode.Focus();
            }
            else if
(!H.isKdExist(txtMobilKode.Text,
"tb_mobil", "kode"))
            {
                H.msgError("Anda
belum memilih kendaraan");

txtPelangganNama.Focus();
            }
            else
            {
                MySqlCommand cmd;
                if (editState)
                {
                    cmd = new
MySqlCommand("UPDATE tb_sewa SET
tanggal=@tanggal,
pelanggankode=@pelanggankode,
pelanggannama=@pelanggannama,
catatan=@catatan, " +
                        "
mobilkode=@mobilkode,
mobilnama=@mobilnama,
sopirkode=@sopirkode,
sopirnama=@sopirnama, biaya=@biaya,
tanggalmulai=@tanggalmulai,
tanggalselesai=@tanggalselesai,
lama=@lama, harga=@harga, " +
                        "
subtotal=@subtotal, diskon=@diskon,
total=@total, uangmuka=@uangmuka,
sisa=@sisa, operator=@operator WHERE
nota=@nota", H.getConnection());
                }
                else
                {
                    cmd = new
MySqlCommand("INSERT INTO tb_sewa
(tanggal, nota, pelanggankode,
pelanggannama, catatan, mobilkode,
mobilnama, sopirkode, sopirnama,
biaya, tanggalmulai, tanggalselesai,
lama, harga, subtotal, diskon, total,
uangmuka, sisa, status, operator) " +
                        "
```

```
tidak bisa terhapus");
                }
                else if
(H.msgAsk("Hapus data?") ==
DialogResult.Yes)
                {
                    if
(H.execute("DELETE FROM tb_user WHERE
user='" + d + "'"))
                    {

H.msgInfo("Data dihapus");

btnRefresh_Click(null, null);
                    }
                }
            }
        }

        private void
btnUbah_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count == 0)
            {
                H.msgError("Belum ada
data yang dipilih");
                return;
            }

            H.IdEdit =
H.GetSelAt(dgv);

            FrmTambahUser frm = new
FrmTambahUser();
            frm.editState = true;
            if (frm.ShowDialog() ==
DialogResult.Yes)
            {

btnRefresh_Click(null, null);
            }
        }

        private void
btnSimpan_Click(object sender,
EventArgs e)
        {
            H.updateOption("header1",
txth1.Text);
            H.updateOption("header2",
txth2.Text);
            H.updateOption("header3",
```

```
VALUES(@tanggal, @nota,
@pelanggankode, @pelanggannama,
@catatan, @mobilkode, @mobilnama,
@sopirkode, @sopirnama, @biaya,
@tanggalmulai, @tanggalselesai,
@lama, @harga, @subtotal, @diskon,
@total, @uangmuka, @sisa, 'SEWA',
@operator)", H.getConnection());
                }

cmd.Parameters.AddWithValue("tanggal"
, txtTanggal.Value);

cmd.Parameters.AddWithValue("nota",
txtNota.Text);

cmd.Parameters.AddWithValue("pelangga
nkode", txtPelangganKode.Text);

cmd.Parameters.AddWithValue("pelangga
nnama", txtPelangganNama.Text);

cmd.Parameters.AddWithValue("catatan"
, txtCatatan.Text);

cmd.Parameters.AddWithValue("mobilkod
e", txtMobilKode.Text);

cmd.Parameters.AddWithValue("mobilnam
a", txtMobilNama.Text);

cmd.Parameters.AddWithValue("biaya",
TxtBiayaSopir.Text);

cmd.Parameters.AddWithValue("sopirkod
e", TxtSopirKode.Text);

cmd.Parameters.AddWithValue("sopirnam
a", TxtSopirNama.Text);

cmd.Parameters.AddWithValue("tanggalm
ulai", txtTanggalMulai.Value);

cmd.Parameters.AddWithValue("tanggals
elesai", txtTanggalSelesai.Value);

cmd.Parameters.AddWithValue("lama",
H.toD(TxtLama.Text));
```

```
txth3.Text);
            H.updateOption("footer1",
txtf1.Text);
            H.updateOption("footer2",
txtf2.Text);
            H.updateOption("footer3",
txtf3.Text);
            H.msgInfo("Data
tersimpan");
            isiOption();
        }

        private void
FrmPengaturan_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isRefresh(e))
btnRefresh_Click(null, null);
            if (H.isAdd(e))
btnTambah_Click(null, null);
            if (H.isEdit(e))
btnUbah_Click(null, null);
            if (H.isDelete(e))
btnHapus_Click(null, null);
            if (H.isClose(e))
btnKeluar_Click(null, null);
            if (H.isSave(e))
btnSimpan_Click(null, null);
        }

        private void
btnRefresh_Click(object sender,
EventArgs e)
        {
            dr =
H.openTable("tb_user");
            dgv.Rows.Clear();
            while (dr.Read())
            {
                dgv.Rows.Add(new
object[] {
                    dr["user"],
                    dr["pass"],
                    dr["status"],
                    dr["mobil"],
                    dr["pelanggan"],
                    dr["sewatambah"],
dr["sewakembali"],
                    dr["sewa"],
                    dr["password"],
                    dr["pengaturan"]
                });
```

```
cmd.Parameters.AddWithValue("harga",
H.toD(txtHarga.Text));

cmd.Parameters.AddWithValue("subtotal
", H.toD(txtSubTotal.Text));

cmd.Parameters.AddWithValue("diskon",
H.toD(txtDiskon.Text));

cmd.Parameters.AddWithValue("total",
H.toD(txtTotal.Text));


cmd.Parameters.AddWithValue("uangmuka
", H.toD(txtUangMuka.Text));

cmd.Parameters.AddWithValue("sisa",
H.toD(txtSisa.Text));


cmd.Parameters.AddWithValue("operator
", H.strOperator);
                H.executeCMD(cmd);

                if (H.msgAsk("Data
tersimpan. Cetak Nota") ==
DialogResult.Yes)
                {
BtnCetak_Click(null, null);
                }
                this.DialogResult =
DialogResult.Yes;
                this.Close();
            }
        }

        private void
btnPelangganTambah_Click(object
sender, EventArgs e)
        {
            FrmPelangganTambah f =
new FrmPelangganTambah();
            if (f.ShowDialog() ==
DialogResult.Yes)
            {
                txtPelangganKode.Text
= H.idTambah;
            }
        }

        private void
```

```
            }
        }
    }
}
```

FrmSopir.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace RentCar
{
    public partial class FrmSopir :
Form
    {
        public FrmSopir()
        {
            InitializeComponent();
        }

        private void
FrmPelanggan_Load(object sender,
EventArgs e)
        {
            dgv.AllowUserToAddRows =
false;
            dgv.AllowUserToDeleteRows
= false;
            dgv.ReadOnly = true;
            btnRefresh_Click(null,
null);
        }

        private void
btnUbah_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count == 0)
            {
                H.msgError("Belum ada
data yang dipilih");
                return;
            }
```

```csharp
btnMobilTambah_Click(object sender,
EventArgs e)
        {
            FrmMobilTambah f = new
FrmMobilTambah();
            if (f.ShowDialog() ==
DialogResult.Yes)
            {
                txtMobilKode.Text =
H.idTambah;
            }
        }
        private void
BtnMobilCari_Click(object sender,
EventArgs e)
        {
            FrmMobilCari f = new
FrmMobilCari();

            f.tanggalawal =
txtTanggalMulai.Value;
            f.tanggalakhir =
txtTanggalSelesai.Value;

            if (f.ShowDialog() ==
DialogResult.Yes)
            {
                txtMobilKode.Text =
H.IdCari;

txtMobilKode_KeyDown(null, null);
            }
        }

        private void
BtnPelangganCari_Click(object sender,
EventArgs e)
        {
            FrmPelangganCari f = new
FrmPelangganCari();
            if (f.ShowDialog() ==
DialogResult.Yes)
            {
                txtPelangganKode.Text
= H.IdCari;

txtPelangganKode_KeyDown(null, null);
            }
        }

        private void
BtnKeluar_Click(object sender,
EventArgs e)
```

```csharp
            H.IdEdit =
H.GetSelAt(dgv, 0);

            FrmSopirTambah frm = new
FrmSopirTambah();
            frm.editState = true;
            if (frm.ShowDialog() ==
DialogResult.Yes)

btnRefresh_Click(null, null);
        }

        private void
btnHapus_Click(object sender,
EventArgs e)
        {
            if (dgv.Rows.Count == 0)
            {
                H.msgError("Belum ada
data yang dipilih");
                return;
            }
            if (H.msgAsk("Hapus
data?") == DialogResult.Yes)
            {
                if (H.execute("DELETE
FROM tb_sopir WHERE kode='" +
H.GetSelAt(dgv,0) + "'"))
                {
                    H.msgInfo("Data
dihapus");

btnRefresh_Click(null, null);
                }
            }
        }

        private void
FrmPelanggan_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isRefresh(e))
btnRefresh_Click(null, null);
            if (H.isAdd(e))
btnTambah_Click(null, null);
            if (H.isEdit(e))
btnUbah_Click(null, null);
            if (H.isDelete(e))
btnHapus_Click(null, null);
            if (H.isClose(e))
btnKeluar_Click(null, null);
        }

        {
            this.Close();
        }

        private void
BtnCetak_Click(object sender,
EventArgs e)
        {
            string sql = "";

            try
            {
                string header1 =
H.getOption("header1");
                string header2 =
H.getOption("header2");
                string header3 =
H.getOption("header3");
                string footer1 =
H.getOption("footer1");
                string footer2 =
H.getOption("footer2");
                string footer3 =
H.getOption("footer3");

                string cetak =
"Cetak: " +
DateTime.Now.ToShortDateString() + "
Oleh: " + H.strOperator;

                H.CloseDr();
                DataSet ds = new
DataSet();

                sql = "SELECT a.*, '"
+
                    header1 + "' AS
header1, '" +
                    header2 + "' AS
header2, '" +
                    header3 + "' AS
header3, '" +
                    footer1 + "' AS
footer1, '" +
                    footer2 + "' AS
footer2, '" +
                    footer3 + "' AS
footer3, '" +
                    cetak + "' AS
cetak " +
                    "FROM tb_sewa a
WHERE nota='" + txtNota.Text + "'";
```

```csharp
        private void
btnTambah_Click(object sender,
EventArgs e)
        {
            if (H.openDialog(new
FrmSopirTambah()) ==
DialogResult.Yes)

btnRefresh_Click(null, null);
        }

        private void
btnRefresh_Click(object sender,
EventArgs e)
        {
            dgv.DataSource =
H.openDT("SELECT Kode, Nama, Biaya,
Alamat, Telpon, Keterangan FROM
tb_sopir WHERE kode LIKE '%" +
txtFilter.Text + "%' OR nama LIKE '%"
+ txtFilter.Text + "%' OR telpon LIKE
'%" + txtFilter.Text + "%' ORDER BY
kode");
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }
    }
}
```

FrmSopirCari.cs :

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
```

```csharp
                MySqlDataAdapter
adapter = new MySqlDataAdapter(sql,
H.getConnection());
                adapter.Fill(ds);

                ReportDocument rd =
new ReportDocument();

rd.Load("../../rptSewaTambah.rpt");

rd.Database.Tables[0].SetDataSource(d
s.Tables[0]);

                //pakai perintah ini
untuk langsung print dan hapus 5
baris perintah di bawahnya
                //rd.PrintToPrinter;

                FrmCetak l = new
FrmCetak();

l.crystalReportViewer1.ReportSource =
rd;
                l.ShowDialog();
            }
            catch (Exception ex)
            {
                H.msgError(ex.Message
+ sql);
            }
        }

        private void
FrmSewaTambah_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isSave(e))
btnSimpan_Click(null, null);
            if (H.isPrint(e))
BtnCetak_Click(null, null);
            if (H.isClose(e))
BtnKeluar_Click(null, null);
        }

        private void
btnSopirCari_Click(object sender,
EventArgs e)
        {
            FrmSopirCari  f = new
FrmSopirCari ();

            f.tanggalawal =
```

```csharp
    public partial class FrmSopirCari
: Form
    {
        public DateTime tanggalawal,
tanggalakhir;

        public FrmSopirCari()
        {
            InitializeComponent();
        }

        private void
FrmCariPelanggan_Load(object sender,
EventArgs e)
        {
            txtCari_TextChanged(null,
null);
        }

        private void
btnOK_Click(object sender, EventArgs
e)
        {
            if (dgv.Rows.Count > 0)
                H.IdCari =
H.GetSelAt(dgv);

            this.DialogResult =
DialogResult.Yes;
            this.Close();
        }

        private void
dgv_CellDoubleClick(object sender,
DataGridViewCellEventArgs e)
        {
            btnOK_Click(null, null);
        }

        private void
txtCari_TextChanged(object sender,
EventArgs e)
        {
            MySqlDataReader dr =
H.openTable("tb_sopir", "(kode LIKE
'%" + txtCari.Text +
                "%' OR nama LIKE '%"
+ txtCari.Text +
                "%' OR telpon LIKE
'%" + txtCari.Text + "%') AND kode
NOT IN (SELECT sopirkode FROM tb_sewa
WHERE (tanggalmulai>='" +
tanggalawal.ToString("yyyy-MM-dd") +
```

```csharp
txtTanggalMulai.Value;
                f.tanggalakhir =
txtTanggalSelesai.Value;

            if (f.ShowDialog() ==
DialogResult.Yes)
            {
                TxtSopirKode.Text =
H.IdCari;

TxtSopirKode_KeyDown(null, null);
            }
        }

        private void
txtUangMuka_KeyDown(object sender,
KeyEventArgs e)
        {
            hitung();
        }

        private void
txtDiskon_KeyDown(object sender,
KeyEventArgs e)
        {
            hitung();
        }

        private void
txtHarga_KeyDown(object sender,
KeyEventArgs e)
        {
            hitung();
        }

        private void
TxtSopirKode_KeyDown(object sender,
KeyEventArgs e)
        {
            DataTable DtSopir =
H.openDT("SELECT * FROM tb_sopir
WHERE kode='" + TxtSopirKode.Text +
"'");
            if (DtSopir.Rows.Count >
0)
            {
                DataTable DtSewa =
H.openDT("SELECT * FROM tb_sewa WHERE
sopirkode='" + TxtSopirKode.Text +
                "' AND nota<>'" +
txtNota.Text + "' AND
((tanggalmulai>='" +
txtTanggalMulai.Value.ToString("yyyy-
```

```csharp
                    "' AND
tanggalmulai<='" +
tanggalawal.ToString("yyyy-MM-dd") +
                    "') OR
(tanggalselesai>='" +
tanggalakhir.ToString("yyyy-MM-dd") +
                    "' AND
tanggalselesai<='" +
tanggalakhir.ToString("yyyy-MM-dd") +
"')) ORDER BY kode");
            dgv.Rows.Clear();
            while (dr.Read())
            {
                dgv.Rows.Add(new
object[] { dr[0], dr[1], dr[2],
dr[3], dr[4] });
            }
        }

        private void
txtCari_KeyPress(object sender,
KeyPressEventArgs e)
        {
            if (e.KeyChar ==
(char)13) dgv.Focus();
        }

        private void
txtCari_KeyUp(object sender,
KeyEventArgs e)
        {
            if (e.KeyCode == Keys.Up
|| e.KeyCode == Keys.Down)
dgv.Focus();
        }

        private void
dgv_KeyDown(object sender,
KeyEventArgs e)
        {
            if (e.KeyCode ==
Keys.Enter) btnOK_Click(null, null);
        }

        private void
FrmPelangganCari_KeyDown(object
sender, KeyEventArgs e)
        {
            if (H.isClose(e))
btnKeluar_Click(null, null);
        }

        private void
```

```csharp
MM-dd") +
                    "' AND
tanggalmulai<='" +
txtTanggalSelesai.Value.ToString("yyy
y-MM-dd") +
                    "') OR
(tanggalselesai>='" +
txtTanggalMulai.Value.ToString("yyyy-
MM-dd") +
                    "' AND
tanggalselesai<='" +
txtTanggalSelesai.Value.ToString("yyy
y-MM-dd") + "'))");

            if (DtSewa.Rows.Count
> 0)
            {
                H.msgError("Sopir
sedang dipakai");
            }
            else
            {
                TxtSopirKode.Text
= DtSopir.Rows[0]["kode"].ToString();
                TxtSopirNama.Text
= DtSopir.Rows[0]["nama"].ToString();

TxtBiayaSopir.Text =
DtSopir.Rows[0]["biaya"].ToString();
                TxtLama.Focus();
                hitung();
                return;
            }
        }

        TxtSopirKode.Text = "";
        TxtBiayaSopir.Text = "";
        TxtSopirNama.Focus();

        hitung();
    }

        private void
txtMobilKode_KeyDown(object sender,
KeyEventArgs e)
        {
            DataTable DtMobil =
H.openDT("SELECT * FROM tb_mobil
WHERE kode='" + txtMobilKode.Text +
"'");
            if (DtMobil.Rows.Count >
0)
            {
```

```
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }

        private void
dgv_CellContentClick(object sender,
DataGridViewCellEventArgs e)
        {

        }
    }
}
```

FrmSopirTambah.cs :

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class
FrmSopirTambah : Form
    {
        MySqlDataReader dr;
        public Boolean editState =
false;
        public FrmSopirTambah()
        {
            InitializeComponent();
        }

        private void
btnSimpan_Click(object sender,
EventArgs e)
        {
            if (TxtKode.Text == "" &&
!editState)
            {
                H.msgError("Kode
tidak boleh kosong!");
```

```
            DataTable DtSewa =
H.openDT("SELECT * FROM tb_sewa WHERE
mobilkode='" + txtMobilKode.Text +
                "' AND nota<>'" +
txtNota.Text + "' AND
((tanggalmulai>='" +
txtTanggalMulai.Value.ToString("yyyy-
MM-dd") +
                "' AND
tanggalmulai<='" +
txtTanggalSelesai.Value.ToString("yyy
y-MM-dd") +
                "') OR
(tanggalselesai>='" +
txtTanggalMulai.Value.ToString("yyyy-
MM-dd") +
                "' AND
tanggalselesai<='" +
txtTanggalSelesai.Value.ToString("yyy
y-MM-dd") + "'))");

            if (DtSewa.Rows.Count
> 0)
            {
                H.msgError("Mobil
sedang dipakai");
            }
            else
            {
                txtMobilKode.Text
= DtMobil.Rows[0]["kode"].ToString();
                txtMobilNama.Text
= DtMobil.Rows[0]["nama"].ToString();
                txtPemilik.Text =
DtMobil.Rows[0]["pemilik"].ToString()
;
                txtHarga.Text =
DtMobil.Rows[0]["harga"].ToString();
                TxtLama.Focus();
                hitung();
                return;
            }
        }

        txtMobilKode.Text = "";
        txtMobilNama.Text = "";
        txtPemilik.Text = "";
        txtHarga.Text = "";
        TxtSopirNama.Focus();

        hitung();
    }
```

```
            TxtKode.Focus();
            return;
        }
        if (TxtNama.Text == "")
        {
            H.msgError("Nama
tidak boleh kosong!");
            TxtTelpon.Focus();
            return;
        }

        if (TxtBiaya.Text == "")
        {
            H.msgError("Biaya
tidak boleh kosong!");
            TxtTelpon.Focus();
            return;
        }

        if
(H.isKdExist(TxtKode.Text) &&
!editState)
        {
            H.msgError("Kode
sudah ada!");
            TxtKode.Focus();
            return;
        }
        MySqlCommand cmd;
        if (editState)
        {
            cmd = new
MySqlCommand("UPDATE tb_sopir SET
nama=@nama, biaya=@biaya,
telpon=@telpon,
alamat=@alamat,keterangan=@keterangan
WHERE kode=@kode",
H.getConnection());

        }
        else
        {
            cmd = new
MySqlCommand("INSERT INTO tb_sopir
(kode, nama, biaya, telpon, alamat,
keterangan) " +
                " VALUES(@kode,
@nama, @biaya, @telpon,
@alamat,@keterangan)",
H.getConnection());
            H.idTambah =
TxtKode.Text;
        }
```

```
        private void
txtPelangganKode_KeyDown(object
sender, KeyEventArgs e)
        {
            dr =
H.openTable("tb_pelanggan", "kode='"
+ txtPelangganKode.Text + "'");
            if (dr.Read())
            {
                txtPelangganKode.Text
= dr["kode"].ToString();
                txtPelangganNama.Text
= dr["nama"].ToString();
                txtTelp.Text =
dr["telpon"].ToString();
                txtAlamatS.Text =
dr["alamatsementara"].ToString();
                txtAlamatT.Text =
dr["alamattetap"].ToString();
                txtNegara.Text =
dr["negara"].ToString();
                txtKtp.Text =
dr["ktp"].ToString();
                txtSim.Text =
dr["sim"].ToString();
                txtCatatan.Text =
dr["keterangan"].ToString();

                txtCatatan.Focus();
            }
            dr.Close();
        }
    }
}
```

FrmUtama.cs :

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace RentCar
{
    public partial class FrmUtama :
Form
```

```csharp
cmd.Parameters.AddWithValue("kode",
TxtKode.Text);

cmd.Parameters.AddWithValue("nama",
TxtNama.Text.ToString());

cmd.Parameters.AddWithValue("biaya",
TxtBiaya.Text.ToString());

cmd.Parameters.AddWithValue("telpon",
TxtTelpon.Text.ToString());

cmdob.Parameters.AddWithValue("alamat
", TxtAlamat.Text.ToString());

cmd.Parameters.AddWithValue("keterang
an", TxtKeterangan.Text.ToString());
            H.executeCMD(cmd);
            H.msgInfo("Data
tersimpan");
            this.DialogResult =
DialogResult.Yes;
            this.Close();
        }

        private void
FrmTambahPelanggan_Load(object
sender, EventArgs e)
        {
            if (editState)
            {
                dr =
H.openTable("tb_sopir", "kode='" +
H.IdEdit + "'");
                if (dr.Read())
                {
                    TxtKode.Text =
dr["kode"].ToString();
                    TxtNama.Text =
dr["nama"].ToString();
                    TxtBiaya.Text =
dr["biaya"].ToString();
                    TxtTelpon.Text =
dr["telpon"].ToString();
                    TxtAlamat.Text =
dr["alamat"].ToString();

TxtKeterangan.Text =
dr["keterangan"].ToString();
                    TxtNama.Focus();
                }
```

```csharp
    {
        public FrmUtama()
        {
            InitializeComponent();
        }

        private void
tbMobil_Click(object sender,
EventArgs e)
        {
            mnMobil_Click(null,
null);
        }

        private void
mnMobil_Click(object sender,
EventArgs e)
        {
            H.openForm(new
FrmMobil(), this);
        }

        private void
FrmUtama_Load(object sender,
EventArgs e)
        {
            sb1.Text = "Tanggal: " +
DateTime.Now.ToString("dd MMMM yyyy
HH:mm:ss");
            sb2.Text = "Operator: " +
H.strOperator;

            mnMobil.Enabled =
tbMobil.Enabled =
H.isUserCan("Mobil");
            mnPelanggan.Enabled =
tbPelanggan.Enabled =
H.isUserCan("Pelanggan");

            mnSewa.Enabled =
tbSewa.Enabled = H.isUserCan("sewa");
            mnSewaTambah.Enabled =
tbSewaTambah.Enabled =
H.isUserCan("sewatambah");
            mnSewaKembali.Enabled =
tbSewaKembali.Enabled =
H.isUserCan("sewakembali");

            mnPassword.Enabled =
tbPassword.Enabled =
H.isUserCan("password");
            mnPengaturan.Enabled =
tbSetting.Enabled =
```

```
H.DsbControls(TxtKode);
                BtnAuto.Visible =
false;
            }
            else
                btnAuto_Click(null,
null);
        }

        private void
btnAuto_Click(object sender,
EventArgs e)
        {
            TxtKode.Text =
H.kodeOto("tb_sopir", "kode", "S",
3);
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }
    }
}
```

FrmTambahUser.cs :

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class
FrmTambahUser : Form
    {
        public bool editState =
false;
```

```
H.isUserCan("pengaturan");
        }

        private void
mnPelanggan_Click(object sender,
EventArgs e)
        {
            H.openForm(new
FrmPelanggan(), this);
        }

        private void
mnSewaTambah_Click(object sender,
EventArgs e)
        {
            H.openDialog(new
FrmSewaTambah());
        }

        private void
mnSewa_Click(object sender, EventArgs
e)
        {
            H.openForm(new FrmSewa(),
this);
        }

        private void
mnPengaturan_Click(object sender,
EventArgs e)
        {
            H.openForm(new
FrmPengaturan(), this);
        }

        private void
mnPassword_Click(object sender,
EventArgs e)
        {
            H.openDialog(new
FrmPassword());
        }

        private void
mnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }

        private void
tbPelanggan_Click(object sender,
EventArgs e)
```

```csharp
        public FrmTambahUser()
        {
            InitializeComponent();
        }

        private void
btnKeluar_Click(object sender,
EventArgs e)
        {
            this.Close();
        }

        private void
btnSimpan_Click(object sender,
EventArgs e)
        {
            if (txtUser.Text == "")
            {
                H.msgError("User
tidak boleh kosong!");
                txtUser.Focus();
                return;
            }
            if
(H.isKdExist(txtUser.Text, "tb_user",
"user") && !editState)
            {
                H.msgError("User
sudah terdaftar!");
                txtUser.Focus();
            }
            MySqlCommand cmd;
            if (editState)
            {
                cmd = new
MySqlCommand("UPDATE tb_user SET " +
                " pass=@pass,
status=@status, mobil=@mobil,
pelanggan=@pelanggan,
sewatambah=@sewatambah,
sewakembali=@sewakembali, sewa=@sewa,
password=@password,
pengaturan=@pengaturan " +
                " WHERE user=@user",
H.getConnection());
            }
            else
            {
                cmd = new
MySqlCommand("INSERT INTO tb_user
(user, pass, status, mobil,
pelanggan, sewatambah, sewakembali,
```

```csharp
        {
            mnPelanggan_Click(null,
null);
        }

        private void
tbSewaTambah_Click(object sender,
EventArgs e)
        {
            mnSewaTambah_Click(null,
null);
        }

        private void
tbSewa_Click(object sender, EventArgs
e)
        {
            mnSewa_Click(null, null);
        }

        private void
tbPassword_Click(object sender,
EventArgs e)
        {
            mnPassword_Click(null,
null);
        }

        private void
tbKalkulator_Click(object sender,
EventArgs e)
        {

System.Diagnostics.Process.Start("cal
c.exe");
        }

        private void
tbSetting_Click(object sender,
EventArgs e)
        {
            mnPengaturan_Click(null,
null);
        }

        private void
timer1_Tick(object sender, EventArgs
e)
        {
            sb1.Text = "Tanggal: " +
DateTime.Now.ToString("dd MMMM yyyy
HH:mm:ss");
        }
```

```
sewa, password, pengaturan) " +
                    " VALUES (@user,
@pass, @status, @mobil, @pelanggan,
@sewatambah, @sewakembali, @sewa,
@password, @pengaturan)",
H.getConnection());
            }

cmd.Parameters.AddWithValue("user",
txtUser.Text);

cmd.Parameters.AddWithValue("pass",
txtPass.Text);

cmd.Parameters.AddWithValue("status",
ckAktif.Checked);

cmd.Parameters.AddWithValue("mobil",
ckMobil.Checked);

cmd.Parameters.AddWithValue("pelangga
n", ckPelanggan.Checked);

cmd.Parameters.AddWithValue("sewatamb
ah", ckSewaBaru.Checked);

cmd.Parameters.AddWithValue("sewakemb
ali", ckSewaKembali.Checked);

cmd.Parameters.AddWithValue("sewa",
ckSewa.Checked);

cmd.Parameters.AddWithValue("password
", ckPassword.Checked);

cmd.Parameters.AddWithValue("pengatur
an", ckPengaturan.Checked);
            H.executeCMD(cmd);

            H.msgInfo("Data
tersimpan");
            this.DialogResult =
DialogResult.Yes;
            this.Close();
        }

        private void
frmTmbhUsr_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isClose(e))
btnKeluar_Click(null, null);
            if (H.isSave(e))
```

```
        private void
mnSewaKembali_Click(object sender,
EventArgs e)
        {
            H.openDialog(new
FrmSewaKembali());
        }

        private void
tbSewaKembali_Click(object sender,
EventArgs e)
        {
            mnSewaKembali_Click(null,
null);
        }

        private void
tbSopir_Click(object sender,
EventArgs e)
        {
            mnSopir_Click(null,
null);
        }

        private void
mnSopir_Click(object sender,
EventArgs e)
        {
            H.openForm(new
FrmSopir(), this);
        }
    }
}
```

FrmTerms.cs :

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using MySql.Data.MySqlClient;

namespace RentCar
{
    public partial class FrmTerms :
```

```csharp
            btnSimpan_Click(null, null);
        }

        private void
FrmTambahUser_Load(object sender,
EventArgs e)
        {
            if (editState)
            {
                MySqlDataReader dr =
H.openTable("tb_user", "user='" +
H.IdEdit + "'");
                if (dr.Read())
                {
                    txtUser.Text =
dr["user"].ToString();
                    txtPass.Text =
dr["pass"].ToString();
                    ckAktif.Checked =
dr["status"].ToString() == "1";
                    ckMobil.Checked =
dr["mobil"].ToString() == "1";

ckPelanggan.Checked =
dr["pelanggan"].ToString() == "1";

ckSewaBaru.Checked =
dr["sewatambah"].ToString() == "1";

ckSewaKembali.Checked =
dr["sewakembali"].ToString() == "1";
                    ckSewa.Checked =
dr["sewa"].ToString() == "1";

ckPassword.Checked =
dr["password"].ToString() == "1";

ckPengaturan.Checked =
dr["pengaturan"].ToString() == "1";


H.DsbControls(txtUser);
                }
            }
        }
    }
}
```

```csharp
Form
    {
        public string term_taxonomy =
"kategori";
        MySqlDataReader dr;
        public FrmTerms()
        {
            InitializeComponent();
        }

        private void
frmKat_Load(object sender, EventArgs
e)
        {
            this.Text =
term_taxonomy.ToUpper();
            dgv.Columns[0].HeaderText
= term_taxonomy.ToUpper();
            isiGrid();
        }
        void isiGrid()
        {
            dr = H.OpenDr("SELECT
term_name FROM tb_terms WHERE
term_taxonomy='" + term_taxonomy + "'
ORDER BY term_name");
            dgv.Rows.Clear();
            while (dr.Read())
            {
                dgv.Rows.Add(new
object[] { dr[0].ToString() });
            }
        }

        private void
dgv_CellDoubleClick(object sender,
DataGridViewCellEventArgs e)
        {
            if (dgv.Rows.Count > 0)
            {
                H.IdCari =
H.GetSelAt(dgv);
                this.DialogResult =
DialogResult.Yes;
                this.Close();
            }
        }

        private void
btnAdd_Click(object sender, EventArgs
e)
        {
            if (txtNama.Text == "")
```

```csharp
            {
                H.msgError("Nama
tidak boleh kosong");
                txtNama.Focus();
                return;
            }
            dr = H.OpenDr("SELECT *
FROM tb_terms WHERE term_taxonomy='"
+ term_taxonomy + "' AND term_name='"
+ txtNama.Text + "'");
            if (dr.Read())
            {
                H.msgError("Nama
sudah ada");
                txtNama.Focus();
                return;
            }

            H.execute("INSERT INTO
tb_terms(term_name, term_taxonomy)
VALUES ('" + txtNama.Text + "', '" +
term_taxonomy + "')");
            txtNama.Text = "";
            isiGrid();
        }

        private void
btnDel_Click(object sender, EventArgs
e)
        {
            if (H.msgAsk("Hapus
data?") == DialogResult.Yes)
            {
                string d =
H.GetSelAt(dgv);
                H.execute("DELETE
FROM tb_terms WHERE term_name='" + d
+ "' AND term_taxonomy='" +
term_taxonomy + "'");
                isiGrid();
            }
        }

        private void
FrmTerms_KeyDown(object sender,
KeyEventArgs e)
        {
            if (H.isClose(e))
this.Close();
        }
    }
}
```