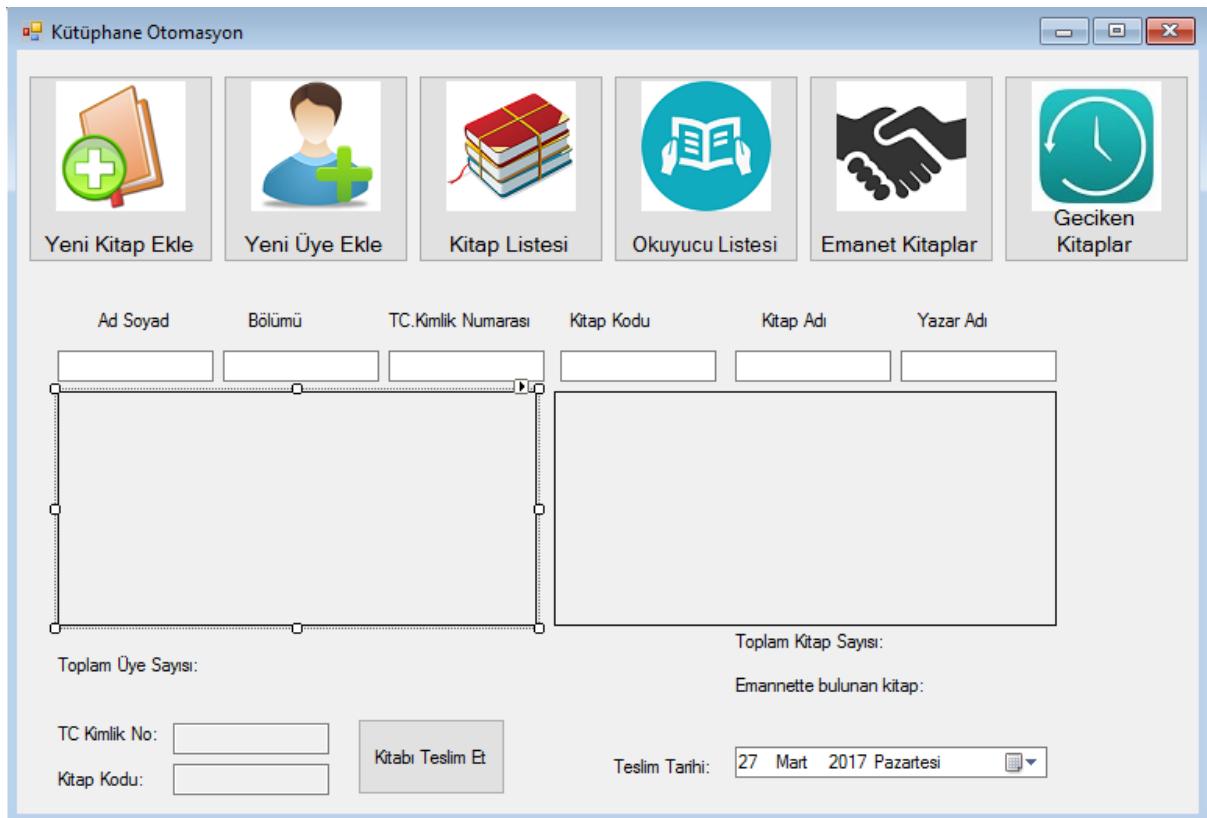


KÜTÜPHANE OTOMASYONU

FORM1:



```
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.Data.SqlClient;
using System.Windows.Forms;

namespace kutuphane_otomasyon
{
    public partial class Form1 : Form
    {

        public SqlConnection conn = new SqlConnection("Data Source=.\SQLEXPRESS; Initial Catalog = ktpotm;Integrated Security = true");
        public YeniKitap yenikitap;
        public yeniuye yeniuye;
        public Boolean durum;
        public KitapListesi kitaplistesi;
        public UyeListesi uyelistesi;
        public EmanetListesi emanetlistesi;
        public GecikenKitaplar gecikenkitaplar;

        public Form1()
    }
```

```

InitializeComponent();
yenikitap = new YeniKitap();
yenikitap.frm1 = this;
yeniuye = new yeniuye();
yeniuye.frm1 = this;
kitaplistesi = new KitapListesi();
kitaplistesi.frm1 = this;
uyelistesı = new UyeListesi();
uyelistesı.frm1 = this;
emanetlistesi = new EmanetListesi();
emanetlistesi.frm1 = this;
gecikenkitaplar = new GecikenKitaplar();
gecikenkitaplar.frm1 = this;
}
public void SorguCalistir(string sorgu)
{
    if (conn.State == ConnectionState.Closed)
        conn.Open();
    SqlCommand cmd = new SqlCommand(sorgu, conn);
    cmd.ExecuteNonQuery();

}
public void TCKontrol()
{
    durum = false;
    if (conn.State == ConnectionState.Closed)
        conn.Open();
    SqlCommand cmd = new SqlCommand("select TCKimlikNo from UyeBilgisi", conn);
    SqlDataReader rdr;
    rdr = cmd.ExecuteReader();
    while (rdr.Read())
    {
        if (yeniuye.textBox1.Text == rdr[0].ToString())
            durum = true;
    }
    rdr.Dispose();
}

public DataSet VeriGetir(string sorgu)
{
    if(conn.State == ConnectionState.Closed)
        conn.Open();
    SqlDataAdapter adp = new SqlDataAdapter(sorgu, conn);
    DataSet ds = new DataSet();
    adp.Fill(ds);
    return ds;
}
private void Form1_Load(object sender, EventArgs e)
{
    string sorgu = "select count(*) From UyeBilgisi";
    DataSet ds = VeriGetir(sorgu);
    label10.Text = ds.Tables[0].Rows[0][0].ToString();
    sorgu = "select count(*) From Kitaplar";
    ds = VeriGetir(sorgu);
    label11.Text = ds.Tables[0].Rows[0][0].ToString();
    sorgu = "select count(*) From Emanet where Durum=0";
    ds = VeriGetir(sorgu);
    label12.Text = ds.Tables[0].Rows[0][0].ToString();
}

```

```

private void button1_Click(object sender, EventArgs e)
{
    yenikitap.ShowDialog();
}

private void button2_Click(object sender, EventArgs e)
{
    yeniuye.ShowDialog();
}

private void button3_Click(object sender, EventArgs e)
{
    kitaplistesi.ShowDialog();
}

private void textBox1_TextChanged(object sender, EventArgs e)
{
    string sorgu = "select * From UyeBilgisi where(AdiSoyadi like '%" + textBox1.Text + "%')";
    DataSet ds = VeriGetir(sorgu);
    dataGridView1.DataSource = ds.Tables[0];
}

private void textBox2_TextChanged(object sender, EventArgs e)
{
    string sorgu = "select * From UyeBilgisi where(Bolumu like '%" + textBox1.Text + "%')";
    DataSet ds = VeriGetir(sorgu);
    dataGridView1.DataSource = ds.Tables[0];
}

private void textBox3_TextChanged(object sender, EventArgs e)
{
    string sorgu = "select * From UyeBilgisi where(TCKimlikNo like '%" + textBox1.Text + "%')";
    DataSet ds = VeriGetir(sorgu);
    dataGridView1.DataSource = ds.Tables[0];
}

private void button7_Click(object sender, EventArgs e)
{
    string tarih = Convert.ToDateTime(dateTimePicker1.Value).ToString("yyyy-MM-dd");
    string sorgu = "insert into emanet(TCKimlikNo,KitapKodu,Durum,TeslimTarihi)values('" +
    textBox7.Text + "','" + textBox8.Text + ", 0 ,'" + tarih + "')";
    SorguCalistir(sorgu);
    string sorgu1 = "update UyeBilgisi set
emanetkitapsayisi=emanetkitapsayisi+1,kitapsayisi=kitapsayisi+1 where TCKimlikNo='" +
    textBox7.Text + "'";
    SorguCalistir(sorgu1);
    MessageBox.Show("Kitap Teslim Edilmiştir...");
}

private void textBox4_TextChanged(object sender, EventArgs e)
{
    string sorgu = "Select * From Kitaplar where(YazarAdi like '%" + textBox4.Text + "%')";
    DataSet ds = VeriGetir(sorgu);
    dataGridView2.DataSource = ds.Tables[0];
}

private void textBox5_TextChanged(object sender, EventArgs e)
{
    string sorgu = "Select * From Kitaplar where(KitapAdi like '%" + textBox5.Text + "%')";
    DataSet ds = VeriGetir(sorgu);
    dataGridView2.DataSource = ds.Tables[0];
}

```

```

}

private void textBox6_TextChanged(object sender, EventArgs e)
{
    string sorgu = "Select * From Kitaplar where(KitapKodu like '%" + textBox6.Text + "%')";
    DataSet ds = VeriGetir(sorgu);
    dataGridView2.DataSource = ds.Tables[0];
}

private void button4_Click(object sender, EventArgs e)
{
    uyelistesı.ShowDialog();
}

private void dataGridView1_CellClick(object sender, DataGridViewCellEventArgs e)
{
    textBox7.Text = dataGridView1.Rows[e.RowIndex].Cells[0].Value.ToString();
}

private void dataGridView2_CellClick(object sender, DataGridViewCellEventArgs e)
{
    textBox8.Text = dataGridView2.Rows[e.RowIndex].Cells[0].Value.ToString();
}

private void button5_Click(object sender, EventArgs e)
{
    emanetlistesi.ShowDialog();
}

private void button6_Click(object sender, EventArgs e)
{
    gecikenkitaplar.ShowDialog();
}
}
}

```

YENİ KİTAP EKLE:



```

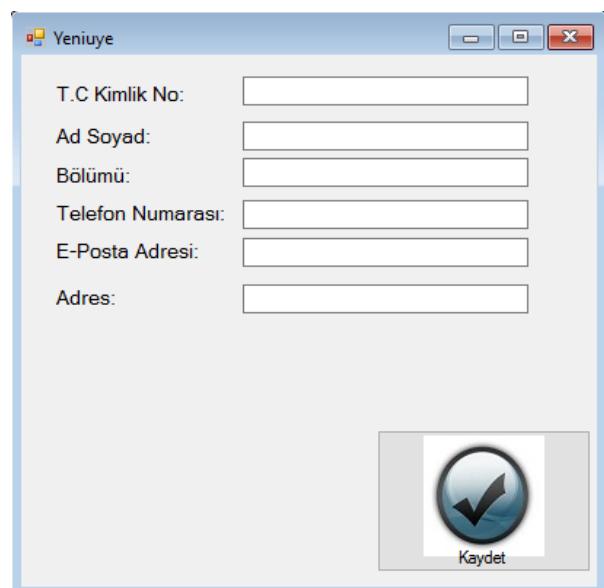
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace kutuphane_otomasyon
{
    public partial class YeniKitap : Form
    {
        public Form1 frm1;
        public YeniKitap()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if(textBox1.Text.Trim() != "" && textBox2.Text.Trim() != "" &&
               textBox3.Text.Trim() != "" && textBox4.Text.Trim() != "" &&
               textBox5.Text.Trim() != "" && textBox6.Text.Trim() != "")
            {
                string sorgu = "INSERT INTO
                kitaplar(KitapKodu,KitapAdi,YazarAdi,YayinEvi,KitapTuru,StokSayisi,OkumaSayisi) VALUES(" +
                textBox1.Text + "," + textBox2.Text + "," + textBox3.Text + "," + textBox4.Text + "," + textBox5.Text +
                "," + textBox6.Text + ",0)";
                frm1.SorguCalistir(sorgu);
                MessageBox.Show("Kayıt İşlemi Tamamlandı.");
            }
        }
    }
}

```

YENİÜYE:



```

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 kutuphane_otomasyon
{
    public partial class yениuye : Form
    {
        public Form1 frm1;

        public yениuye()
        {
            InitializeComponent();
        }

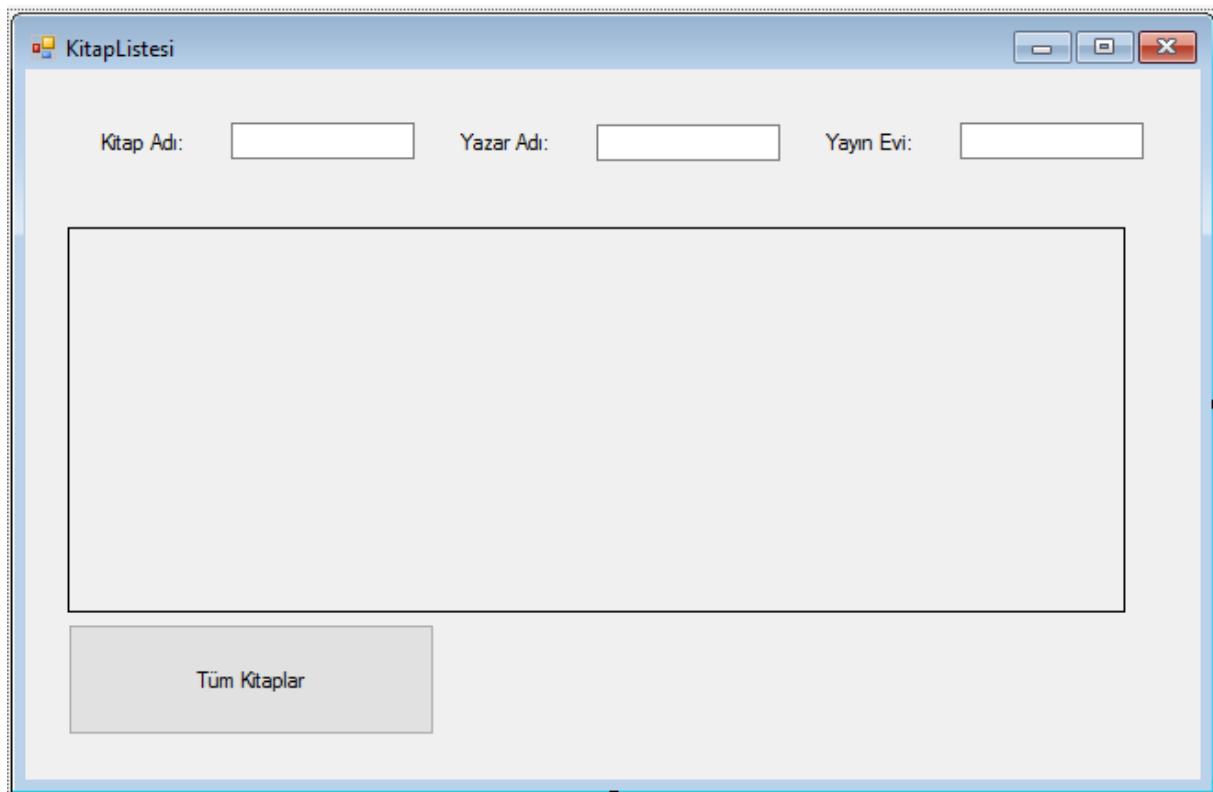
        private void button1_Click(object sender, EventArgs e)
        {
            frm1.TCKontrol();
            if (frm1.durum == false)
            {
                if (textBox1.Text.Trim() != "" && textBox2.Text.Trim() != "" &&
                    textBox3.Text.Trim() != "" && textBox4.Text.Trim() != "" &&
                    textBox5.Text.Trim() != "" && textBox6.Text.Trim() != "")

                {
                    string sorgu = "INSERT INTO
UyeBilgisi(TCKimlikNo,AdiSoyadi,Bolumu,TelefonNo,EpostaAdresi,Adres,KitapSayisi,EmanetKitapSa
yisi) VALUES (" + textBox1.Text + "," + textBox2.Text + "," + textBox3.Text + "," + textBox4.Text
+ "," + textBox5.Text + "," + textBox6.Text + ",0,0)";

                    frm1.SorguCalistir(sorgu);
                    for (int i = 0; i < this.Controls.Count; i++)
                    {
                        if (this.Controls[i] is TextBox)
                            this.Controls[i].Text = "";
                    }
                    MessageBox.Show("Kayıt Tamamlandı.");
                }
            }
            else MessageBox.Show("Kayıtlı TC Kimlik Numarası Girdiniz.");
        }
    }
}

```

KİTAP LİSTESİ:



```
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 kutuphane_otomasyon
{
    public partial class KitapListesi : Form
    {
        public Form1 frm1;
        public KitapListesi()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            string sorgu = "select * from Kitaplar";
            DataSet ds = frm1.VeriGetir(sorgu);
            dataGridView1.DataSource = ds.Tables[0];
        }

        private void textBox1_TextChanged(object sender, EventArgs e)
        {
            string sorgu = "select * from Kitaplar where (KitapAdi like '%" + textBox1.Text + "%')";
            DataSet ds = frm1.VeriGetir(sorgu);
            dataGridView1.DataSource = ds.Tables[0];
        }
    }
}
```

```

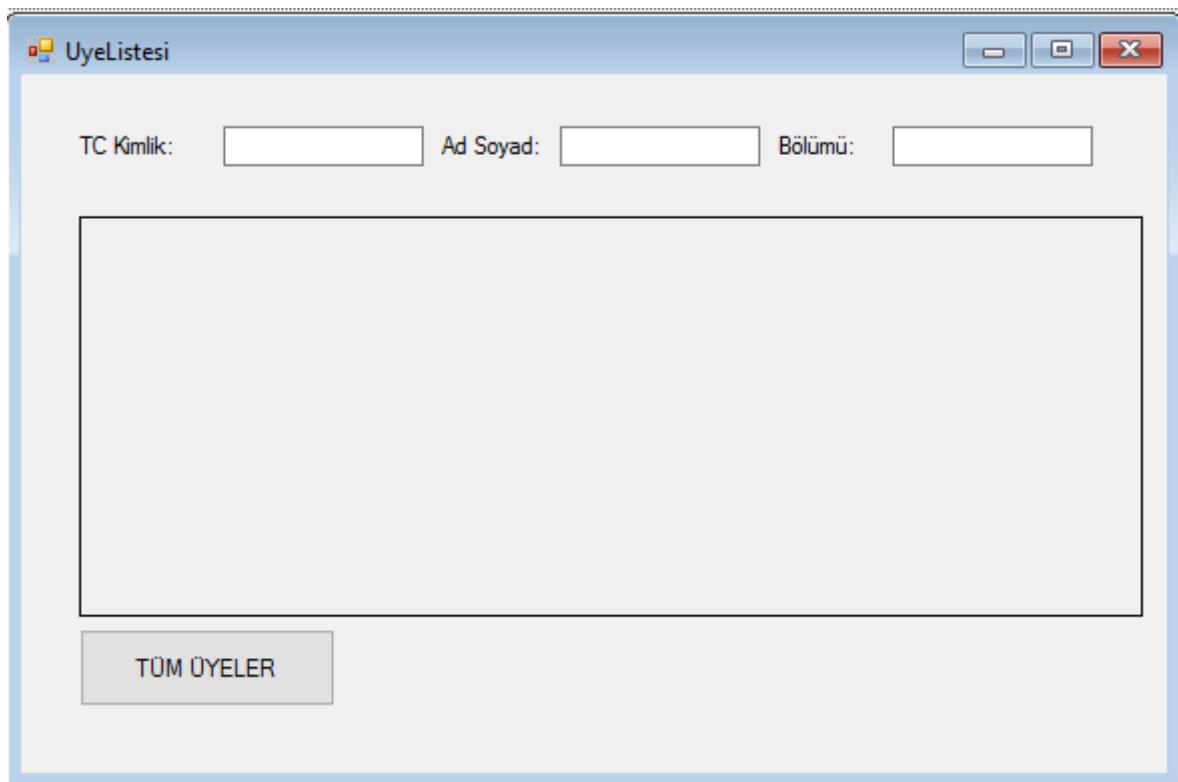
        }

        private void textBox2_TextChanged(object sender, EventArgs e)
        {
            string sorgu = "select * from Kitaplar where (YazarAdi like '%" + textBox2.Text + "%')";
            DataSet ds = frm1.VeriGetir(sorgu);
            dataGridView1.DataSource = ds.Tables[0];
        }

        private void textBox3_TextChanged(object sender, EventArgs e)
        {
            string sorgu = "select * from Kitaplar where (YayinEvi like '%" + textBox3.Text + "%')";
            DataSet ds = frm1.VeriGetir(sorgu);
            dataGridView1.DataSource = ds.Tables[0];
        }
    }
}

```

ÜYE(OKUYUCU) LİSTESİ:



```

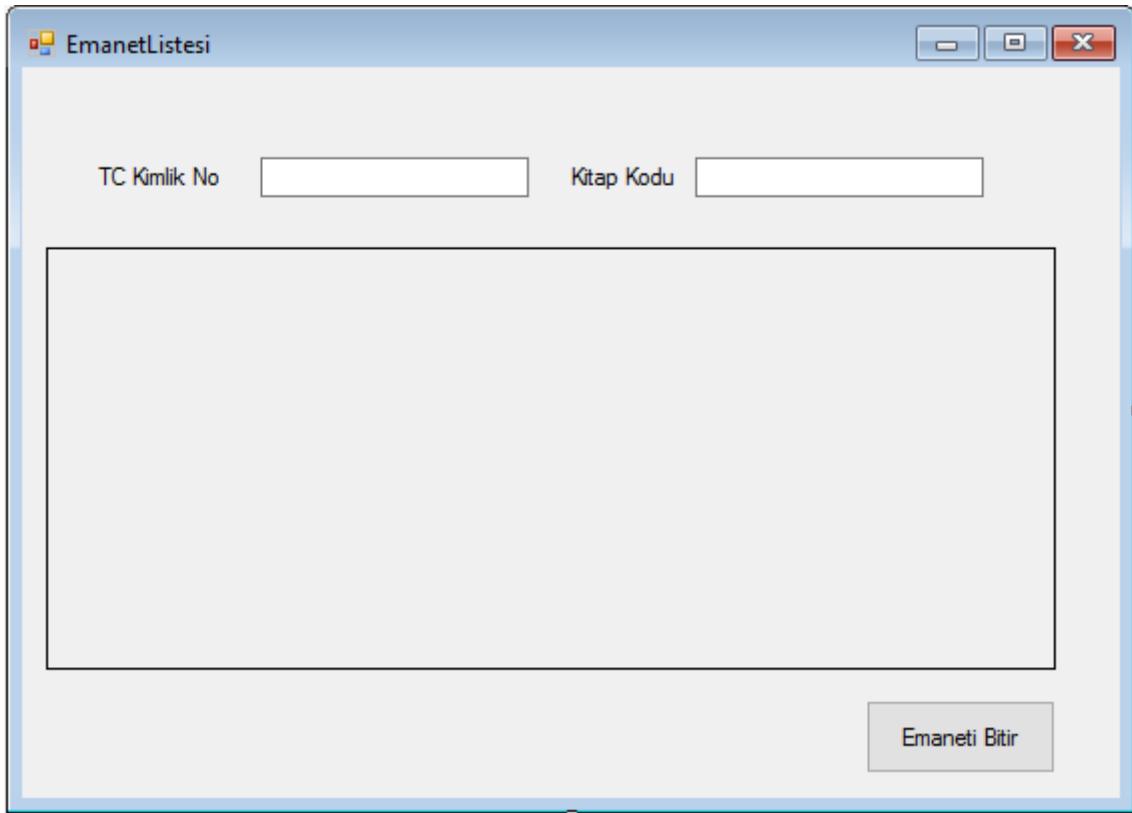
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

```

```
namespace kutuphane_otomasyon
```

```
{  
    public partial class UyeListesi : Form  
    {  
        public Form1 frm1;  
        public UyeListesi()  
        {  
            InitializeComponent();  
        }  
        private void button1_Click(object sender, EventArgs e)  
        {  
            string sorgu = "Select * From Uyebilgisi";  
            DataSet ds = frm1.VeriGetir(sorgu);  
            dataGridView1.DataSource = ds.Tables[0];  
        }  
  
        private void textBox1_TextChanged(object sender, EventArgs e)  
        {  
            string sorgu = "Select * From UyeBilgisi where (TCKimlikNo like '%" + textBox1.Text + "%')";  
            DataSet ds = frm1.VeriGetir(sorgu);  
            dataGridView1.DataSource = ds.Tables[0];  
        }  
  
        private void textBox2_TextChanged(object sender, EventArgs e)  
        {  
            string sorgu = "Select * From UyeBilgisi where (AdiSoyadi like '%" + textBox2.Text + "%')";  
            DataSet ds = frm1.VeriGetir(sorgu);  
            dataGridView1.DataSource = ds.Tables[0];  
        }  
  
        private void textBox3_TextChanged(object sender, EventArgs e)  
        {  
            string sorgu = "Select * From uyebilgisi where (Bolumu like '%" + textBox3.Text + "%')";  
            DataSet ds = frm1.VeriGetir(sorgu);  
            dataGridView1.DataSource = ds.Tables[0];  
        }  
    }  
}
```

EMANET KİTAPLAR LİSTESİ:



```
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 kutuphane_otomasyon
{
    public partial class EmanetListesi : Form
    {
        public Form1 frm1;
        string TCNo, kitapkod;
        public EmanetListesi()
        {
            InitializeComponent();
        }
        private void textBox2_TextChanged(object sender, EventArgs e)
        {
            string sorgu = "Select TCKimlikNo,KitapKodu,TeslimTarihi From emanet where (durum='false' and KitapKodu like '%" + textBox2.Text + "%')";
            DataSet ds = frm1.VeriGetir(sorgu);
            dataGridView1.DataSource = ds.Tables[0];
        }

        private void dataGridView1_CellClick(object sender, DataGridViewCellEventArgs e)
        {
            TCNo = dataGridView1.Rows[e.RowIndex].Cells[0].Value.ToString();
        }
    }
}
```

```

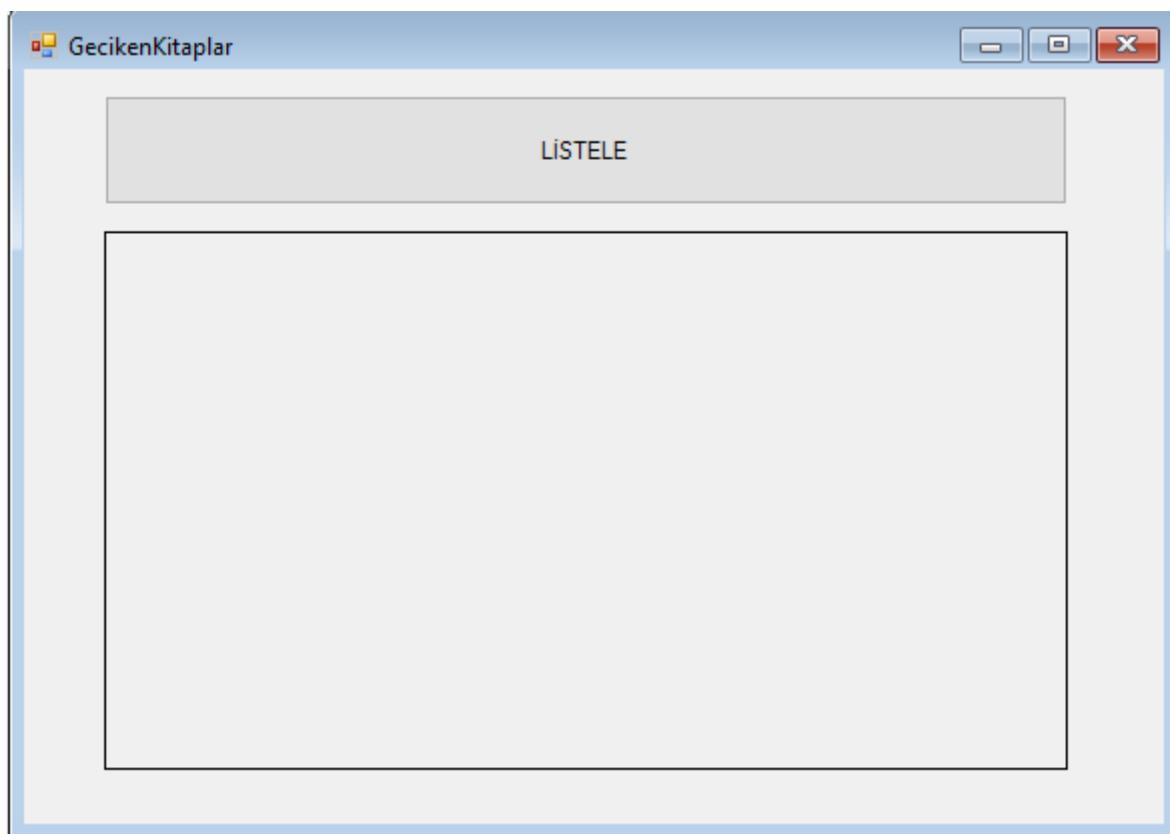
        kitapkod = dataGridView1.Rows[e.RowIndex].Cells[1].Value.ToString();
    }

    private void button1_Click(object sender, EventArgs e)
    {
        string sorgu = "update emanet set durum ='true' where TCKimlikNo='" + TCNo + "'";
        frm1.SorguCalistir(sorgu);
        string sorgu1 = "update UyeBilgisi set emanetkitapsayisi=emanetkitapsayisi-1 where
TCKimlikNo=" + TCNo + "";
        frm1.SorguCalistir(sorgu1);
        MessageBox.Show("Kitap Teslim Alınmıştır...");
    }

    private void textBox1_TextChanged(object sender, EventArgs e)
    {
        string sorgu = "Select TCKimlikNo,KitapKodu,TeslimTarihi From emanet where (durum='false'
and TCKimlikno like '%" + textBox1.Text + "%')";
        DataSet ds = frm1.VeriGetir(sorgu);
        dataGridView1.DataSource = ds.Tables[0];
    }
}

```

GECİKEN KİTAPLAR:



```

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 System.Data.SqlClient;

namespace kutuphane_otomasyon
{
    public partial class GecikenKitaplar : Form
    {
        public Form1 frm1;
        public GecikenKitaplar()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            string tarih = DateTime.Now.ToString("yyyy-MM-dd");
            string Sorgu = "select * from Emanet where Durum = 'false' and TeslimTarihi<" + tarih + "";
            if (frm1.conn.State == ConnectionState.Closed)
                frm1.conn.Open();
            SqlDataAdapter adp = new SqlDataAdapter(Sorgu, frm1.conn);
            DataSet ds = new DataSet();
            adp.Fill(ds);
            dataGridView1.DataSource = ds.Tables[0];
        }
    }
}
```