**Final Lab**

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**SP22-BCS-134**

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**Visual Programming**



**COMSATS UNIVERSITY ISLAMABAD,**

**ABBOTTABAD CAMPUS**

***SHOP MANAGEMENT SYSTEM***

**1. Splash Screen**

Create a loading screen that appears when the application starts. Use background workers to develop this splash screen.

namespace ShopManagmentSystem

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void backgroundWorker1\_DoWork(object sender, DoWorkEventArgs e)

{

int sum = 0;

for (int i = 0; i <= 100; i++)

{

Thread.Sleep(40);

sum = sum + 5;

backgroundWorker1.ReportProgress(i);

if (backgroundWorker1.CancellationPending)

{

e.Cancel = true;

backgroundWorker1.ReportProgress(0);

return;

}

e.Result = sum;

}

}

private void backgroundWorker1\_ProgressChanged(object sender, ProgressChangedEventArgs e)

{

progressBar1.Value = e.ProgressPercentage;

proglabel.Text = e.ProgressPercentage.ToString() + "%";

}

private void backgroundWorker1\_RunWorkerCompleted(object sender, RunWorkerCompletedEventArgs e)

{

label3.Visible = false;

label4.Visible = false;

label5.Visible = true;

label6.Visible = true;

button1.Visible = true;

}

private void Form1\_Load(object sender, EventArgs e)

{

backgroundWorker1.RunWorkerAsync();

}

private void button1\_Click(object sender, EventArgs e)

{

Login l = new Login();

this.Hide();

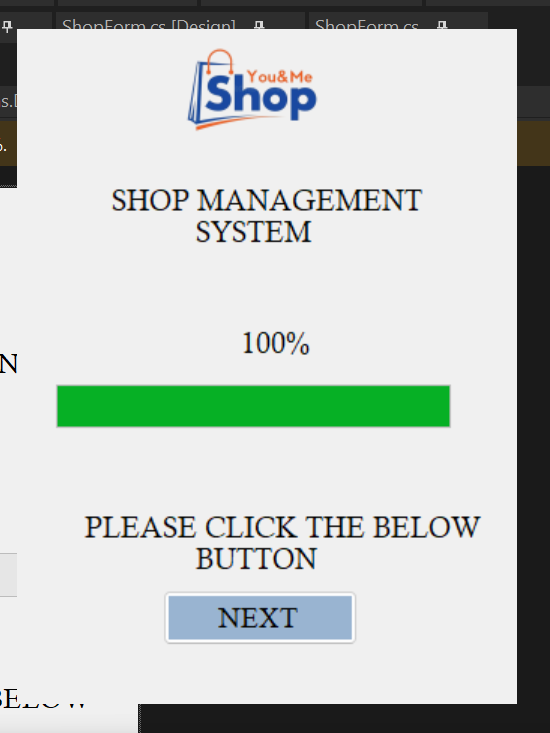
l.ShowDialog();

this.Close();

}

}

}



**2. User Authentication Module**

Develop a user authentication system that appears after the splash screen. This module must include:

* + Login
  + Signup
  + Forget Password
  + Use an SQL database to handle this module by incorporating **LINQ to SQL**.

namespace ShopManagmentSystem

{

public partial class Login : Form

{

signupDataContext db;

public Login()

{

InitializeComponent();

}

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

{

Signup s = new Signup();

this.Hide();

s.ShowDialog();

this.Close();

}

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

{

forgetpass f = new forgetpass();

this.Hide();

f.ShowDialog();

this.Close();

}

private void button1\_Click(object sender, EventArgs e)

{

try

{

db = new signupDataContext();

string enteredUsername = textBox1.Text;

string enteredPassword = textBox2.Text;

// Query the database to check if the username and password match

var user = db.signups.SingleOrDefault(s => s.username == enteredUsername && s.password == enteredPassword);

if (user != null)

{

// If the user is found, show the next form

ShopForm sf = new ShopForm();

this.Hide();

sf.ShowDialog();

this.Close();

}

else

{

// If the user is not found, display an error message

MessageBox.Show("Invalid username or password. Please try again.", "Login Failed", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

private void button2\_Click(object sender, EventArgs e)

{

textBox1.Text = "";

textBox2.Text = "";

}

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

{

}

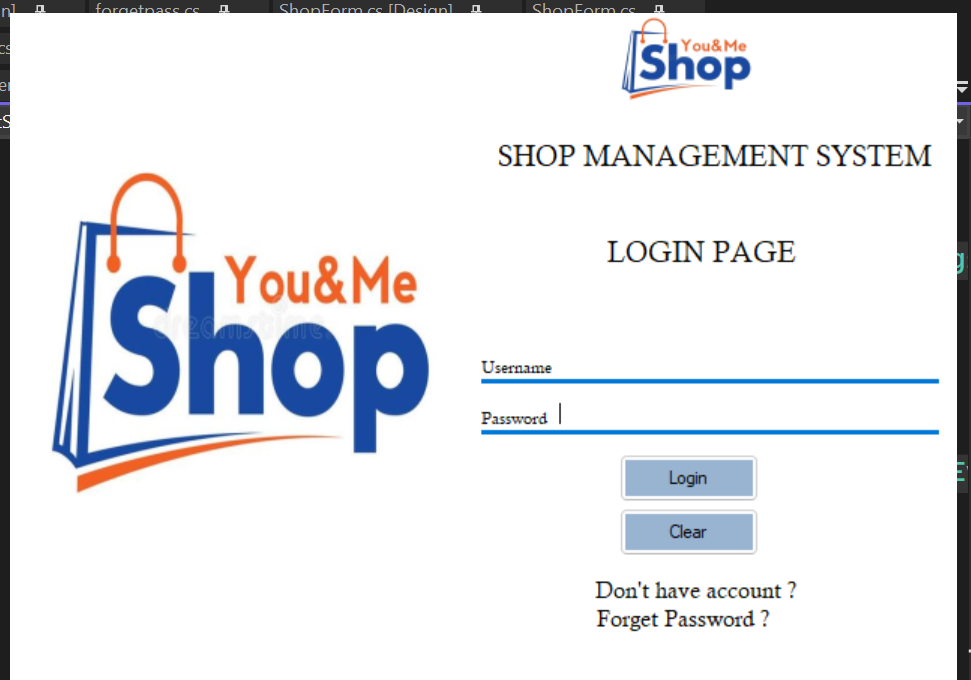
private void pictureBox2\_Click(object sender, EventArgs e)

{

}

}

}



namespace ShopManagmentSystem

{

public partial class Signup : Form

{

signupDataContext db;

public Signup()

{

InitializeComponent();

}

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

{

}

private void label6\_Click(object sender, EventArgs e)

{

Login l = new Login();

this.Hide();

l.ShowDialog();

this.Close();

}

private void button1\_Click(object sender, EventArgs e)

{

try

{

db = new signupDataContext();

signup s = new signup();

s.fullname = textBox1.Text;

s.username = textBox2.Text;

s.password = textBox3.Text;

db.signups.InsertOnSubmit(s);

db.SubmitChanges();

MessageBox.Show("Signup successful!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

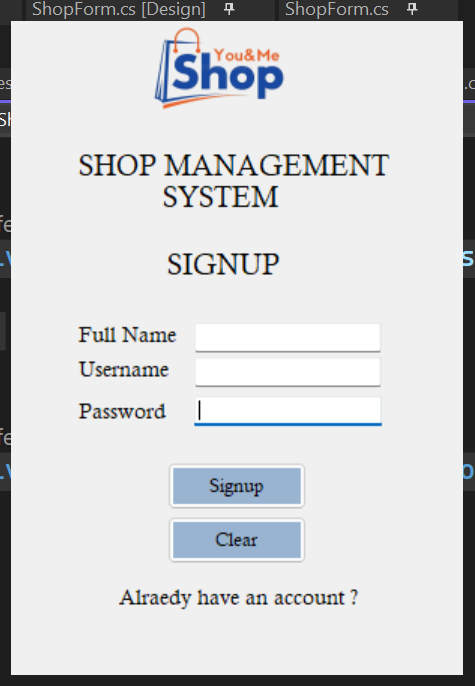
private void button2\_Click(object sender, EventArgs e)

{

textBox1.Text = "";

textBox2.Text = "";

textBox3.Text = "";



namespace ShopManagmentSystem

{

public partial class forgetpass : Form

{

public forgetpass()

{

InitializeComponent();

}

private void label6\_Click(object sender, EventArgs e)

{

Login l = new Login();

this.Hide();

l.ShowDialog();

this.Close();

}

private void button2\_Click(object sender, EventArgs e)

{

textBox1.Text = "";

textBox2.Text = "";

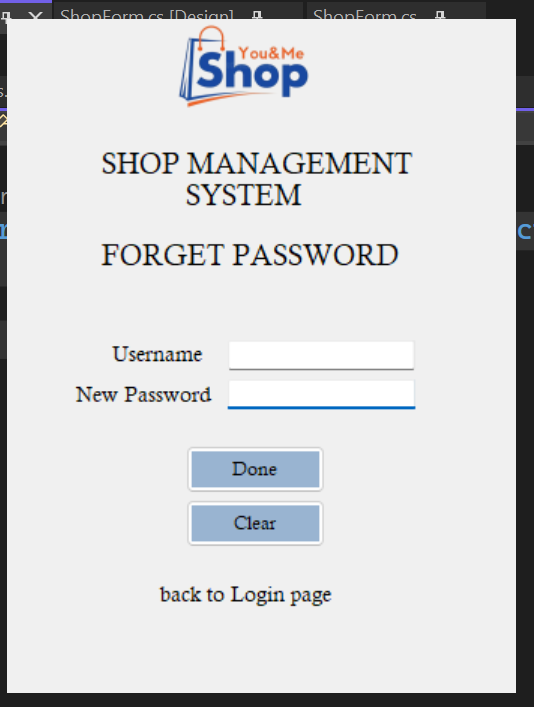
}

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

{

}

} }



**3. Home Screen**

Upon successful login, display a Home screen with 5 different options, each corresponding to a different window. Each window should perform a distinct functionality.

namespace ShopManagmentSystem

{

public partial class ShopForm : Form

{

public ShopForm()

{

InitializeComponent();

}

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

{

}

private void button1\_Click(object sender, EventArgs e)

{

AddItems i = new AddItems();

this.Hide();

i.ShowDialog();

this.Close();

}

private void button2\_Click(object sender, EventArgs e)

{

customer\_management c = new customer\_management();

this.Hide();

c.ShowDialog();

this.Close();

}

private void button3\_Click(object sender, EventArgs e)

{

supplier s = new supplier();

this.Hide();

s.ShowDialog();

this.Close();

}

private void button4\_Click(object sender, EventArgs e)

{

Loaners l = new Loaners();

this.Hide();

l.ShowDialog();

this.Close();

}

private void button5\_Click(object sender, EventArgs e)

{

Employee emp = new Employee();

this.Hide();

emp.ShowDialog();

this.Close();

}

private void button6\_Click(object sender, EventArgs e)

{

displaydata d = new displaydata();

this.Hide();

d.ShowDialog();

this.Close();

}

private void label2\_Click(object sender, EventArgs e)

{

}

}

}



**4. DATABASE;**   
Utilize an SQL database to perform CREATE, READ, UPDATE, and DELETE operations on the local database

Create at least 5 Tables and use them in your Project. You can use one dedicated table for user sign-up and other dedicated tables for each option on the home screen.

namespace ShopManagmentSystem

{

public partial class customer\_management : Form

{

// Create a LINQ to SQL DataContext for CustomerManagement table

private CustomerManagementDataContext db;

public customer\_management()

{

InitializeComponent();

// Initialize your LINQ to SQL DataContext

db = new CustomerManagementDataContext();

}

private void label6\_Click(object sender, EventArgs e)

{

ShopForm shopForm = new ShopForm();

this.Hide();

shopForm.ShowDialog();

this.Close();

}

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

{

try

{

// Create a new CustomerManagement object

CustomerManagement c = new CustomerManagement

{

CustomerName = textBox1.Text,

CustomerEmail = textBox2.Text,

CustomerPhone = textBox3.Text

};

// Add the new customer to the DataContext and submit changes

db.CustomerManagements.InsertOnSubmit(c);

db.SubmitChanges();

MessageBox.Show("Customer added successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

try

{

// Get the customer name from textBox1 (assuming textBox1 is for CustomerName)

string customerNameToDelete = textBox1.Text.Trim();

// Query the database for the customer to delete

var customerToDelete = db.CustomerManagements.FirstOrDefault(c => c.CustomerName == customerNameToDelete);

if (customerToDelete != null)

{

// Remove the customer from the DataContext and submit changes

db.CustomerManagements.DeleteOnSubmit(customerToDelete);

db.SubmitChanges();

MessageBox.Show("Customer deleted successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

else

{

MessageBox.Show("Customer not found!", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

try

{

// Get the customer name from textBox1 (assuming textBox1 is for CustomerName)

string customerNameToUpdate = textBox1.Text.Trim();

// Query the database for the customer to update

var customerToUpdate = db.CustomerManagements.FirstOrDefault(c => c.CustomerName == customerNameToUpdate);

if (customerToUpdate != null)

{

// Update the customer's properties

customerToUpdate.CustomerEmail = textBox2.Text;

customerToUpdate.CustomerPhone = textBox3.Text;

// Submit the changes to the database

db.SubmitChanges();

MessageBox.Show("Customer updated successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

else

{

MessageBox.Show("Customer not found! Please enter correct customer name.", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

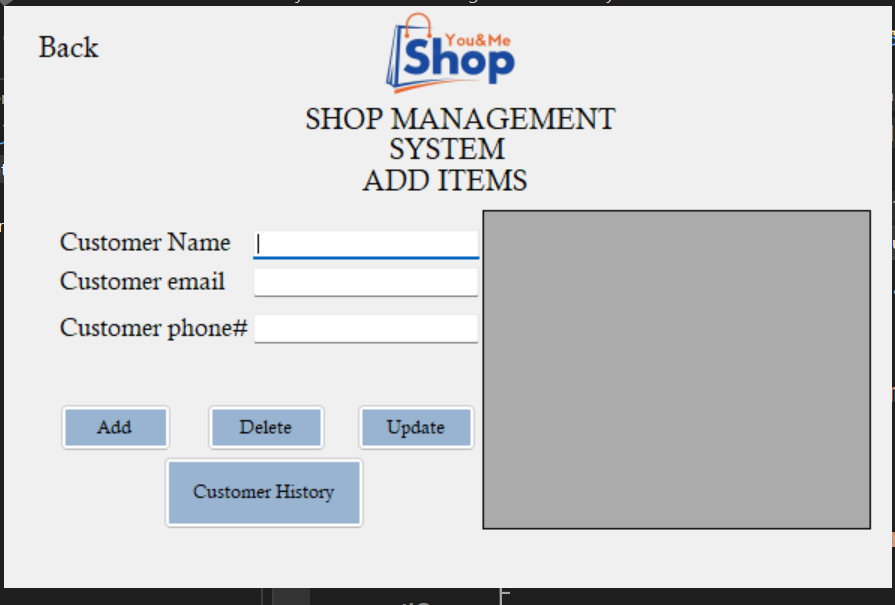
private void customer\_management\_Load(object sender, EventArgs e)

{

}

}

}



namespace ShopManagmentSystem

{

public partial class AddItems : Form

{

AdditemsDataContext db;

public AddItems()

{

InitializeComponent();

}

private void label6\_Click(object sender, EventArgs e)

{

ShopForm shopForm = new ShopForm();

this.Hide();

shopForm.ShowDialog();

this.Hide();

}

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

{

db = new AdditemsDataContext();

try

{

db = new AdditemsDataContext();

additem a = new additem();

a.productname = textBox1.Text;

a.quantity = textBox2.Text;

a.price = textBox3.Text;

db.additems.InsertOnSubmit(a);

db.SubmitChanges();

MessageBox.Show("successfully added", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

db=new AdditemsDataContext();

try {

string pname = textBox1.Text;

var check\_table = db.additems.FirstOrDefault(s=>s.productname.Equals(pname));

if(check\_table != null)

{

db.additems.DeleteOnSubmit(check\_table);

db.SubmitChanges();

MessageBox.Show("Delete Successfully ");

}

else

{

MessageBox.Show("PRODUCT not found");

}

}catch(Exception ex) { }

}

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

{

db = new AdditemsDataContext();

try

{

string pname = textBox1.Text;

// Query the database for the record to update

var itemToUpdate = db.additems.FirstOrDefault(a => a.productname.Equals(pname));

if (itemToUpdate != null)

{

// Update the record's properties with the new values from the text boxes

itemToUpdate.quantity = textBox2.Text;

itemToUpdate.price = textBox3.Text;

// Submit the changes to the database

db.SubmitChanges();

MessageBox.Show("Item updated successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

else

{

// If no matching item is found, display an error message

MessageBox.Show("Item not found!", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

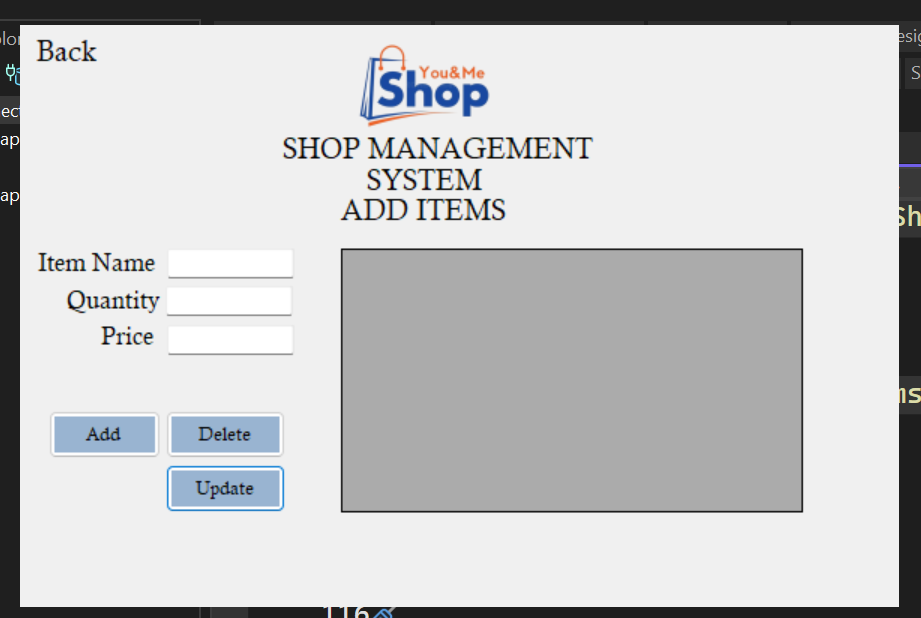
private void AddItems\_Load(object sender, EventArgs e)

{

}

}

}



namespace ShopManagmentSystem

{

public partial class supplier : Form

{

// Create a LINQ to SQL DataContext for SupplierManagement table

private supplierDataContext db;

public supplier()

{

InitializeComponent();

// Initialize your LINQ to SQL DataContext

db = new supplierDataContext();

}

private void label6\_Click(object sender, EventArgs e)

{

ShopForm shopForm = new ShopForm();

this.Hide();

shopForm.ShowDialog();

this.Close();

}

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

{

try

{

// Create a new SupplierManagement object

SupplierManagement s = new SupplierManagement

{

SupplierName = textBox1.Text,

SupplierEmail = textBox2.Text,

Phone = textBox3.Text,

ContactPerson = textBox4.Text,

SupplierType = textBox5.Text

};

// Add the new supplier to the DataContext and submit changes

db.SupplierManagements.InsertOnSubmit(s);

db.SubmitChanges();

MessageBox.Show("Supplier added successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

try

{

// Get the supplier name from textBoxSupplierName (assuming textBoxSupplierName is for SupplierName)

string supplierNameToDelete = textBox1.Text.Trim();

// Query the database for the supplier to delete

var supplierToDelete = db.SupplierManagements.FirstOrDefault(s => s.SupplierName == supplierNameToDelete);

if (supplierToDelete != null)

{

// Remove the supplier from the DataContext and submit changes

db.SupplierManagements.DeleteOnSubmit(supplierToDelete);

db.SubmitChanges();

MessageBox.Show("Supplier deleted successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

else

{

MessageBox.Show("Supplier not found!", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

try

{

// Get the supplier name from textBoxSupplierName (assuming textBoxSupplierName is for SupplierName)

string supplierNameToUpdate = textBox1.Text.Trim();

// Query the database for the supplier to update

var supplierToUpdate = db.SupplierManagements.FirstOrDefault(s => s.SupplierName == supplierNameToUpdate);

if (supplierToUpdate != null)

{

// Update the supplier's properties

supplierToUpdate.SupplierEmail = textBox2.Text;

supplierToUpdate.Phone = textBox3.Text;

supplierToUpdate.ContactPerson = textBox4.Text;

supplierToUpdate.SupplierType = textBox5.Text;

// Submit the changes to the database

db.SubmitChanges();

MessageBox.Show("Supplier updated successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

else

{

MessageBox.Show("Supplier not found! Please enter correct supplier name.", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

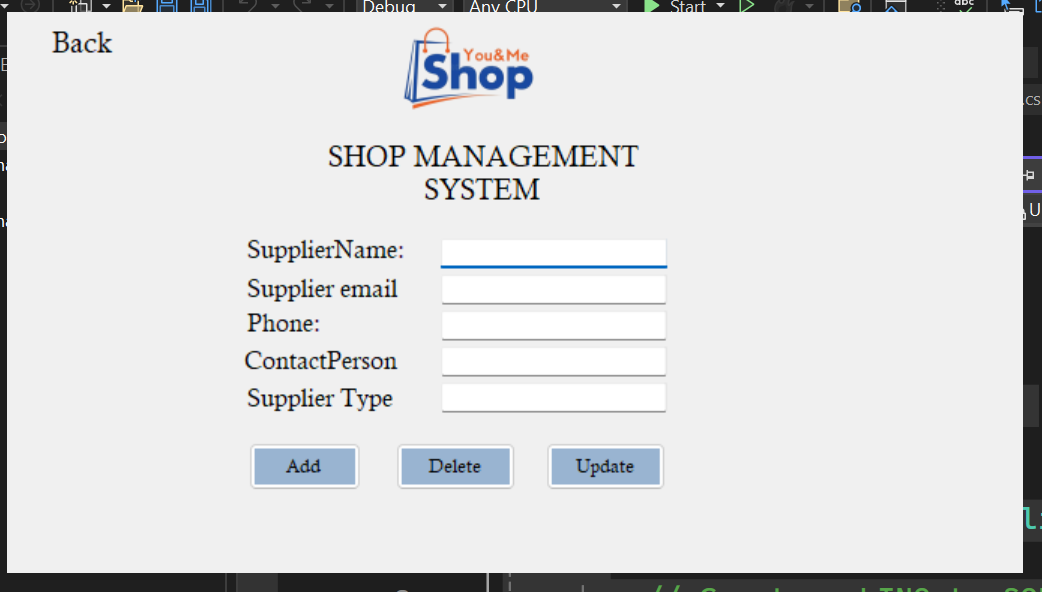
private void supplier\_Load(object sender, EventArgs e)

{

}

}

}



using System;

using System.Linq;

using System.Windows.Forms;

namespace ShopManagmentSystem

{

public partial class Employee : Form

{

private employeeDataContext db;

public Employee()

{

InitializeComponent();

db = new employeeDataContext();

}

private void label6\_Click(object sender, EventArgs e)

{

ShopForm shopForm = new ShopForm();

this.Hide();

shopForm.ShowDialog();

this.Close();

}

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

{

try

{

// Create a new EmployeeManagement object

EmployeeManagement emp = new EmployeeManagement

{

EmployeeName = textBox1.Text,

Address = textBox2.Text,

Phone = textBox3.Text,

EmployeeSalary = Convert.ToDecimal(textBox4.Text),

Age = Convert.ToInt32(textBox5.Text),

ShiftType= textBox6.Text,

Position= textBox7.Text,

WorkTime= textBox8.Text

};

// Add the new employee to the DataContext and submit changes

db.EmployeeManagements.InsertOnSubmit(emp);

db.SubmitChanges();

MessageBox.Show("Employee added successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

try

{

// Get the employee name from textBox1 (assuming textBox1 is for EmployeeName)

string employeeNameToDelete = textBox1.Text.Trim();

// Query the database for the employee to delete

var employeeToDelete = db.EmployeeManagements.FirstOrDefault(emp => emp.EmployeeName == employeeNameToDelete);

if (employeeToDelete != null)

{

// Remove the employee from the DataContext and submit changes

db.EmployeeManagements.DeleteOnSubmit(employeeToDelete);

db.SubmitChanges();

MessageBox.Show("Employee deleted successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

else

{

MessageBox.Show("Employee not found!", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

try

{

// Get the employee name from textBox1 (assuming textBox1 is for EmployeeName)

string employeeNameToUpdate = textBox1.Text.Trim();

// Query the database for the employee to update

var employeeToUpdate = db.EmployeeManagements.FirstOrDefault(emp => emp.EmployeeName == employeeNameToUpdate);

if (employeeToUpdate != null)

{

// Update the employee's properties

employeeToUpdate.Address = textBox2.Text;

employeeToUpdate.Phone = textBox3.Text;

employeeToUpdate.EmployeeSalary = Convert.ToDecimal(textBox4.Text);

employeeToUpdate.Age = Convert.ToInt32(textBox5.Text);

// Submit the changes to the database

db.SubmitChanges();

MessageBox.Show("Employee updated successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

else

{

MessageBox.Show("Employee not found! Please enter correct employee name.", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

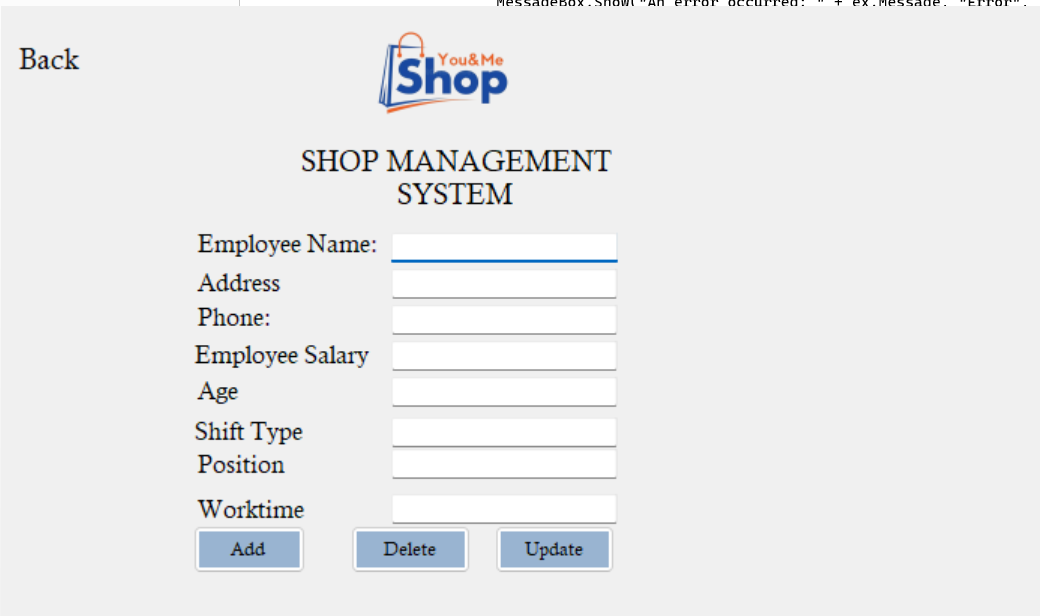
private void Employee\_Load(object sender, EventArgs e)

{

}

}

}



using System;

using System.Linq;

using System.Windows.Forms;

namespace ShopManagmentSystem

{

public partial class Loaners : Form

{

private loanersDataContext db;

public Loaners()

{

InitializeComponent();

db = new loanersDataContext();

}

private void label6\_Click(object sender, EventArgs e)

{

ShopForm shopForm = new ShopForm();

this.Hide();

shopForm.ShowDialog();

this.Close();

}

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

{

try

{

LoanersManagement loaner = new LoanersManagement

{

LoanerName = textBox1.Text,

Address = textBox2.Text,

Phone = textBox3.Text,

ItemsLoaned = decimal.Parse(textBox4.Text),

ItemsTotalPrice = int.Parse(textBox8.Text),

LoanDuration = textBox5.Text

};

db.LoanersManagements.InsertOnSubmit(loaner);

db.SubmitChanges();

MessageBox.Show("Loaner added successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

try

{

string loanerNameToDelete = textBox1.Text.Trim();

var loanerToDelete = db.LoanersManagements.FirstOrDefault(l => l.LoanerName == loanerNameToDelete);

if (loanerToDelete != null)

{

db.LoanersManagements.DeleteOnSubmit(loanerToDelete);

db.SubmitChanges();

MessageBox.Show("Loaner deleted successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

else

{

MessageBox.Show("Loaner not found!", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

try

{

string loanerNameToUpdate = textBox1.Text.Trim();

var loanerToUpdate = db.LoanersManagements.FirstOrDefault(l => l.LoanerName == loanerNameToUpdate);

if (loanerToUpdate != null)

{

loanerToUpdate.Address = textBox2.Text;

loanerToUpdate.Phone = textBox3.Text;

loanerToUpdate.ItemsLoaned = decimal.Parse(textBox4.Text);

loanerToUpdate.ItemsTotalPrice = int.Parse(textBox8.Text);

loanerToUpdate.LoanDuration = textBox5.Text;

db.SubmitChanges();

MessageBox.Show("Loaner updated successfully!", "Success", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

else

{

MessageBox.Show("Loaner not found! Please enter correct loaner name.", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

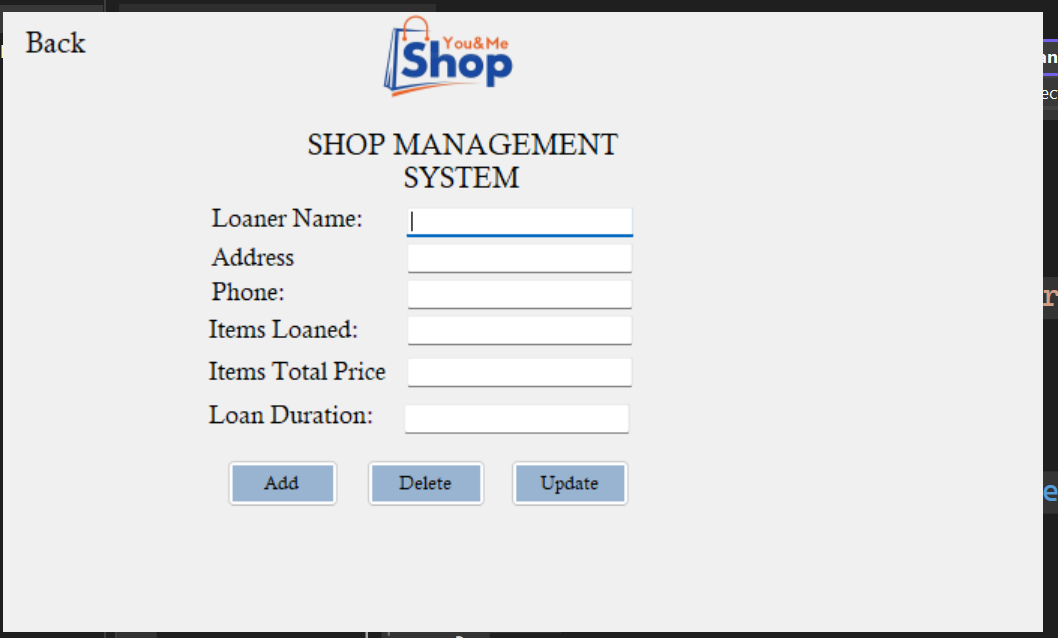
private void Loaners\_Load(object sender, EventArgs e)

{

}

}

}



**DISPLAYING DATA OF PRODUCT MANAGEMENT**

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 ShopManagmentSystem

{

public partial class displaydata : Form

{

public displaydata()

{

InitializeComponent();

}

private void label6\_Click(object sender, EventArgs e)

{

ShopForm shopForm = new ShopForm();

this.Hide();

shopForm.ShowDialog();

this.Close();

}

private void button1\_Click(object sender, EventArgs e)

{

string ConnectionString = "Data Source=MAHAZLAPTOP\\SQLEXPRESS;Initial Catalog=ShopMan;Integrated Security=True";

SqlConnection con = new SqlConnection(ConnectionString);

try

{

con.Open();

string query = "SELECT \* FROM additem";

SqlCommand cmd = new SqlCommand(query, con);

var reader = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(reader);

dataGridView1.DataSource = table;

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

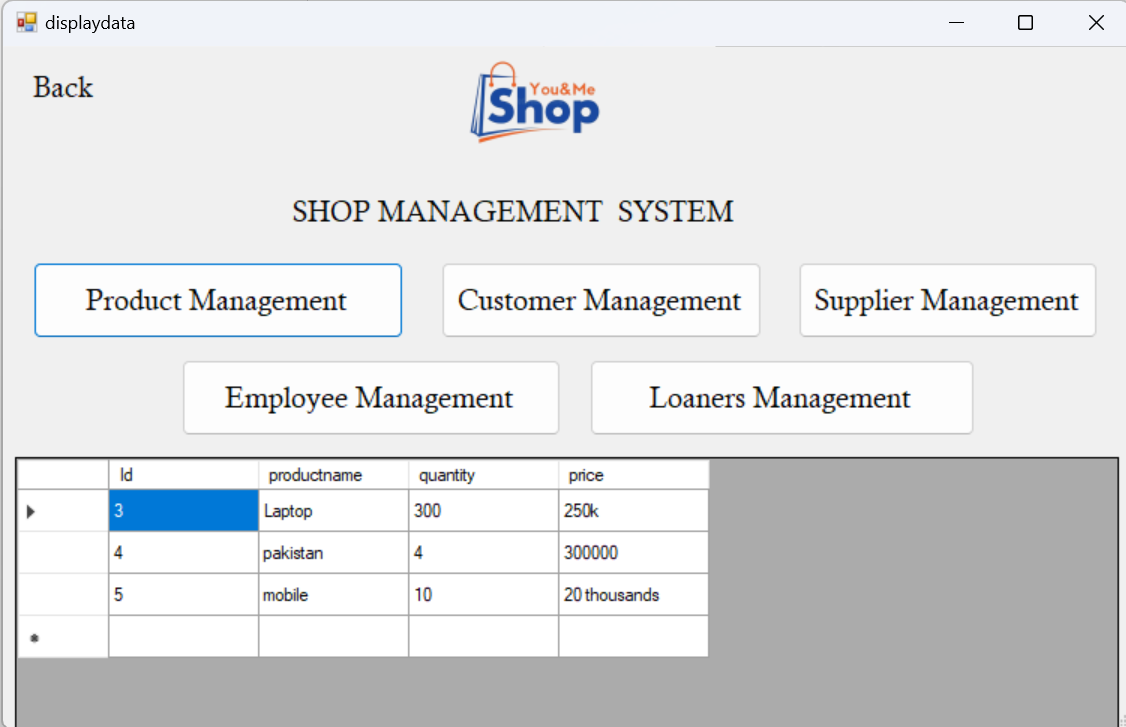
finally

{

con.Close();

}

}

****

**DISPLAYING DATA OF CUSTOMER MANAGEMENT**

private void button2\_Click(object sender, EventArgs e)

{

string ConnectionString = "Data Source=MAHAZLAPTOP\\SQLEXPRESS;Initial Catalog=ShopMan;Integrated Security=True";

SqlConnection con = new SqlConnection(ConnectionString);

try

{

con.Open();

string query = "SELECT \* FROM CustomerManagement";

SqlCommand cmd = new SqlCommand(query, con);

var reader = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(reader);

dataGridView1.DataSource = table;

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

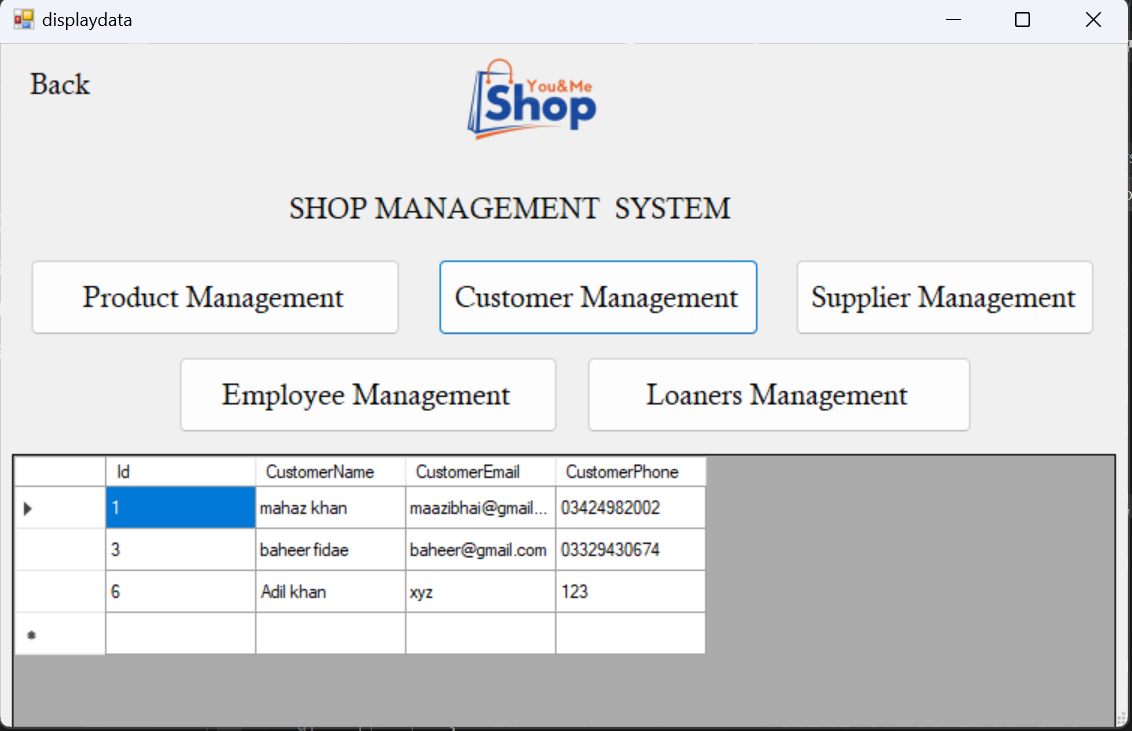
finally

{

con.Close();

}

}

****

**DISPLAYING DATA OF SUPPLIER MANAGEMENT**

private void button3\_Click(object sender, EventArgs e)

{

string ConnectionString = "Data Source=MAHAZLAPTOP\\SQLEXPRESS;Initial Catalog=ShopMan;Integrated Security=True";

SqlConnection con = new SqlConnection(ConnectionString);

try

{

con.Open();

string query = "SELECT \* FROM SupplierManagement";

SqlCommand cmd = new SqlCommand(query, con);

var reader = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(reader);

dataGridView1.DataSource = table;

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

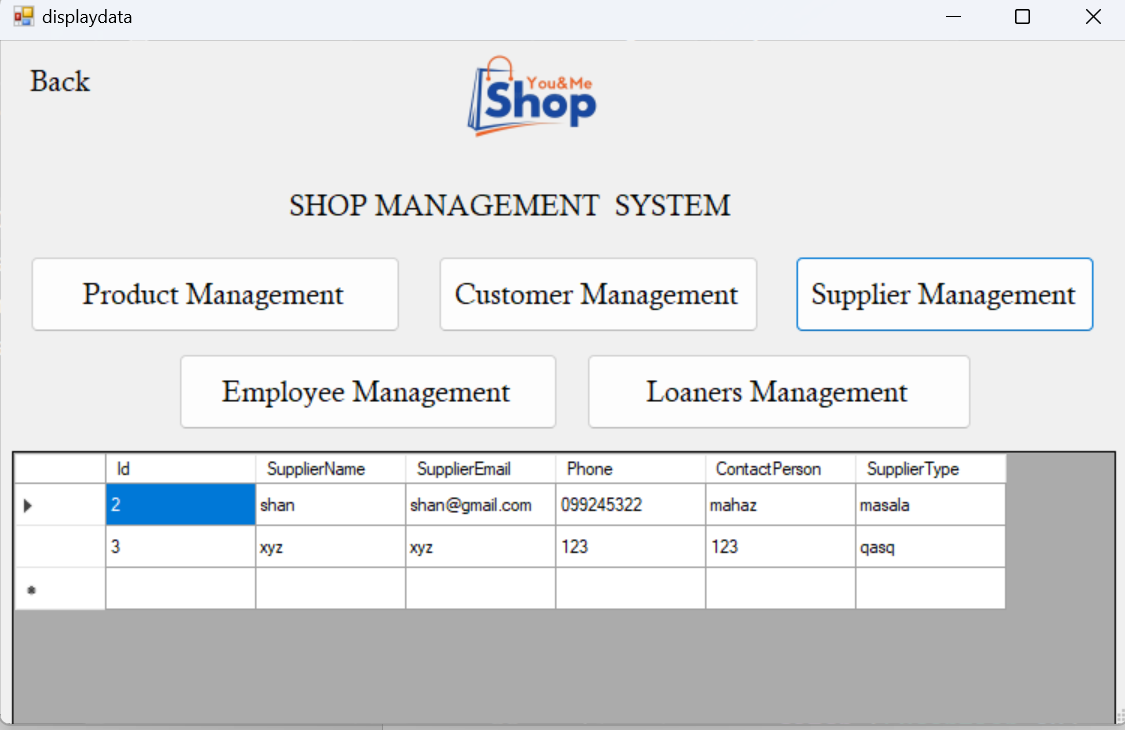
finally

{

con.Close();

}

}

****

**DISPLAYING DATA OF EMPLOYE MANAGEMENT**

private void button4\_Click(object sender, EventArgs e)

{

string ConnectionString = "Data Source=MAHAZLAPTOP\\SQLEXPRESS;Initial Catalog=ShopMan;Integrated Security=True";

SqlConnection con = new SqlConnection(ConnectionString);

try

{

con.Open();

string query = "SELECT \* FROM EmployeeManagement";

SqlCommand cmd = new SqlCommand(query, con);

var reader = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(reader);

dataGridView1.DataSource = table;

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

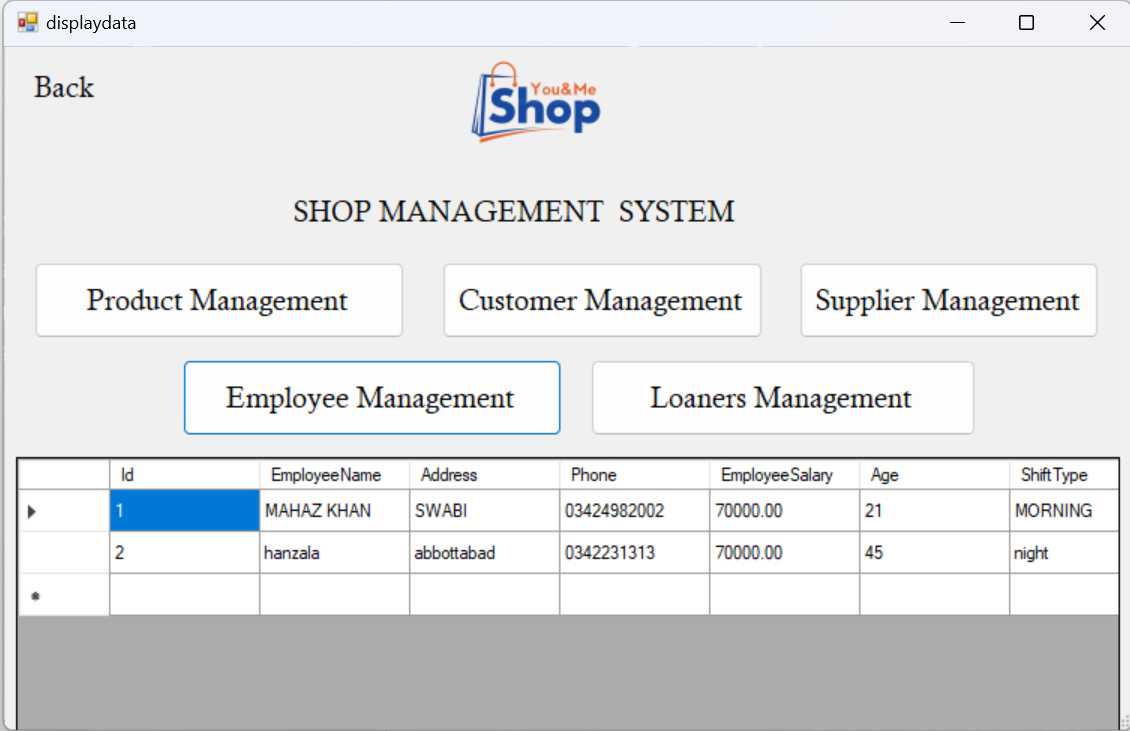
finally

{

con.Close();

}

}

****

**DISPLAYING DATA OF LOANERS MANAGEMENT**

private void button5\_Click(object sender, EventArgs e)

{

string ConnectionString = "Data Source=MAHAZLAPTOP\\SQLEXPRESS;Initial Catalog=ShopMan;Integrated Security=True";

SqlConnection con = new SqlConnection(ConnectionString);

try

{

con.Open();

string query = "SELECT \*FROM LoanersManagement";

SqlCommand cmd = new SqlCommand(query, con);

var reader = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(reader);

dataGridView1.DataSource = table;

}

catch (Exception ex)

{

MessageBox.Show("An error occurred: " + ex.Message, "Error", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

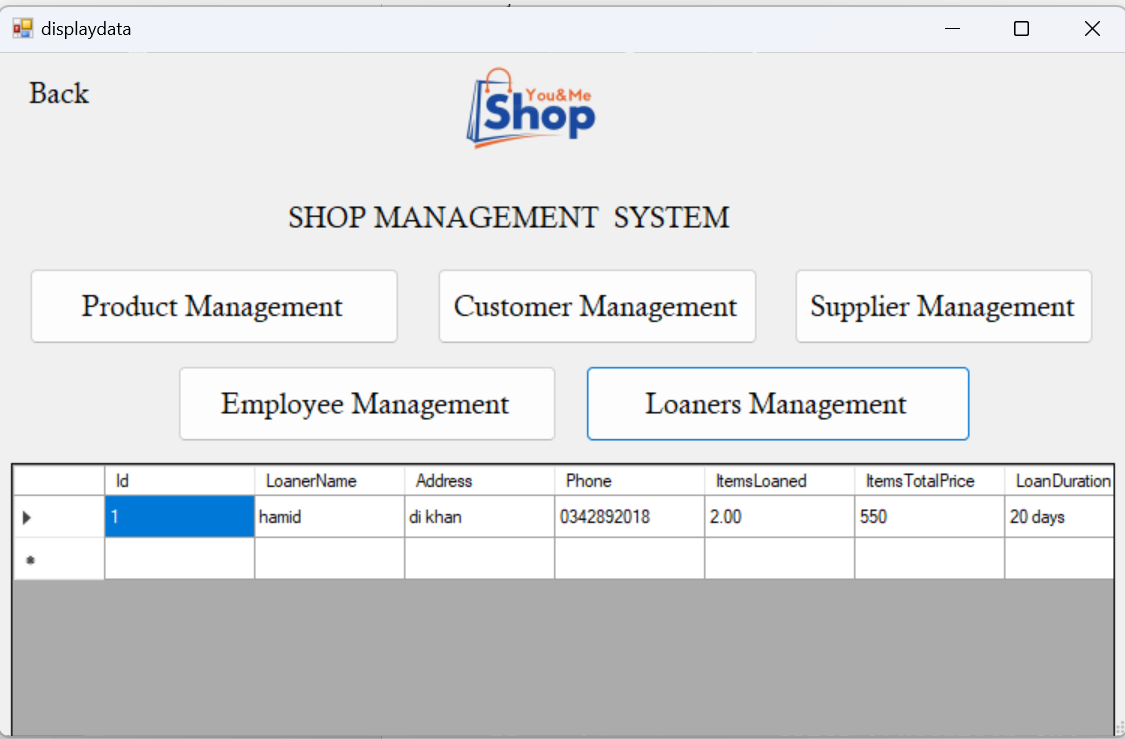
finally

{

con.Close();

}

}

****

