**1. IMPLEMENTATION**

1.1 SOURCE CODE:

LOGIN FORM:

ImportsSystem.Data.OleDb

PublicClassForm1

Dim conn AsNewOleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\admin\Documents\vb subha\database1.accdb")

PrivateSub Form1\_Load (ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesMyBase.Load

EndSub

PrivateSub Button1\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button1.Click

DimcmdAsNewOleDbCommand("SELECT \* FROM login WHERE Username=? AND Password=?", conn)

cmd.Parameters.AddWithValue("@p1", TextBox1.Text)

cmd.Parameters.AddWithValue ("@p2", TextBox2.Text)

conn.Open ()

DimdrAsOleDbDataReader = cmd.ExecuteReader()

Ifdr.HasRowsThen

Mainform.Show()

Me.Hide()

Else

MessageBox.Show ("Invalid Login", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error)

EndIf

conn.Close()

EndSub

EndClass

PRODUCT FORM:

ImportsSystem.Data.OleDb

ImportsSystem.Data

PublicClassproduct

Dim conn AsNewOleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\admin\Documents\santhiya.vb\product.accdb")

Dim da AsNewOleDbDataAdapter

DimcmdAsOleDbCommand

DimdtAsNewDataTable

PrivateSubLoadData()

Try

conn.Open()

da = NewOleDbDataAdapter("SELECT\*FROM product", conn)

dt = NewDataTable()

da.Fill(dt)

ProductDataGridView.DataSource = dt

conn.Close()

Catch ex AsException

MessageBox.Show(ex.Message)

EndTry

EndSub

PrivateSubProductBindingNavigatorSaveItem\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesProductBindingNavigatorSaveItem.Click

Me.Validate()

Me.ProductBindingSource.EndEdit()

Me.TableAdapterManager.UpdateAll(Me.ProductDataSet)

EndSub

PrivateSubproduct\_Load(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesMyBase.Load

'TODO: This line of code loads data into the 'ProductDataSet.product' table. You can move, or remove it, as needed.

Me.ProductTableAdapter.Fill(Me.ProductDataSet.product)

EndSub

PrivateSubsave\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handlessave.Click

Try

conn.Open()

cmd = NewOleDbCommand("INSERT INTO PRODUCT(ID,productID,productname,category,price,quantity)VALUES(@ID,@productID,@productname,@category,@price,@quantity)", conn)

cmd.Parameters.AddWithValue("@ID", TextBox1.Text)

cmd.Parameters.AddWithValue("@productID", TextBox2.Text)

cmd.Parameters.AddWithValue("@productname", TextBox3.Text)

cmd.Parameters.AddWithValue("@category", ComboBox1.Text)

cmd.Parameters.AddWithValue("@price", TextBox4.Text)

cmd.Parameters.AddWithValue("@quantity", TextBox5.Text)

cmd.ExecuteNonQuery()

conn.Close()

MessageBox.Show("Product added successfully!")

LoadData() ' Refresh the data grid

Catch ex AsException

MessageBox.Show("Error: "&ex.Message)

EndTry

EndSub

PrivateSubdelete\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handlesdelete.Click

IfProductDataGridView.SelectedRows.Count> 0 Then

Dim ID AsInteger = ProductDataGridView.CurrentRow.Cells(0).Value

Dim result AsDialogResult = MessageBox.Show("Are you want delete this?", "confirm delete", MessageBoxButtons.YesNo, MessageBoxIcon.Warning)

If result = DialogResult.YesThen

Try

Dim conn AsNewOleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\admin\Documents\santhiya.vb\product.accdb")

conn.Open()

DimcmdAsNewOleDbCommand("DELETE FROM product WHERE ID=@ID", conn)

cmd.Parameters.AddWithValue("@ID", ID)

cmd.ExecuteNonQuery()

conn.Close()

MessageBox.Show("product deleted successfully", "Deleted", MessageBoxButtons.OK, MessageBoxIcon.Information)

LoadData()

Catch ex AsException

MessageBox.Show("Error:"&ex.Message, "Delete Failed", MessageBoxButtons.OK, MessageBoxIcon.Error)

EndTry

EndIf

Else

MessageBox.Show("Please select a product Details to delete.", "No selection", MessageBoxButtons.OK, MessageBoxIcon.Warning)

EndIf

EndSub

PrivateSubedit\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handlesedit.Click

EndSub

PrivateSub Button4\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button4.Click

Me.Close()

customer.Show()

EndSub

PrivateSubProductDataGridView\_CellContentClick(ByVal sender AsSystem.Object, ByVal e AsSystem.Windows.Forms.DataGridViewCellEventArgs) HandlesProductDataGridView.CellContentClick

EndSub

EndClass

CUSTOMER FORM:

Imports System.Data

Imports System.Data.OleDb

PublicClasscostomerr

Dim con AsNewOleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\admin\Documents\vb santhiya\customer.accdb")

Dim da AsNewOleDbDataAdapter

DimcmdAsNewOleDbCommand

DimdtAsNewDataTable

PublicSubLoadData()

Try

con.Open()

da = NewOleDbDataAdapter("SELECT\*FROM prooduct", con)

dt = NewDataTable()

da.Fill(dt)

DealerDataGridView.DataSource = dt

con.Close()

Catch ex AsException

MessageBox.Show(ex.Message)

EndTry

EndSub

PrivateSubDealerDetails\_Load(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesMyBase.Load

'TODO: This line of code loads data into the 'Database5DataSet.Dealer' table. You can move, or remove it, as needed.

Me.DealerTableAdapter.Fill(Me.Database5DataSet.Dealer)

EndSub

PrivateSub Button1\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button1.Click

con.Open()

cmd = NewOleDbCommand("INSERT INTO database5(DealerID,DealerName,Manager,Address,ContactNo)VALUES(@DealerID,@DealerName,@Manager,@Address,@ContactNo)", con)

cmd.Parameters.AddWithValue("@DealerID", TextBox1.Text)

cmd.Parameters.AddWithValue("@DealerName", TextBox2.Text)

cmd.Parameters.AddWithValue("@Manager", TextBox3.Text)

cmd.Parameters.AddWithValue("@Address", TextBox4.Text)

cmd.Parameters.AddWithValue("@ContactNo", TextBox5.Text)

cmd.ExecuteNonQuery()

con.Close()

MessageBox.Show("New Product Details saved Successfully")

LoadData()

EndSub

PrivateSubDealerBindingNavigatorSaveItem\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesDealerBindingNavigatorSaveItem.Click

Me.Validate()

Me.DealerBindingSource.EndEdit()

Me.TableAdapterManager.UpdateAll(Me.Database5DataSet)

EndSub

PrivateSub Button2\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button2.Click

TextBox1.Clear()

TextBox2.Clear()

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

EndSub

PrivateSub Button3\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button3.Click

TextBox1.Text = ""

TextBox2.Text = ""

TextBox3.Text = ""

TextBox4.Text = ""

TextBox5.Text = ""

DealerDataGridView.ClearSelection()

EndSub

EndClass

EMPLOYEE FORM:

ImportsSystem.Data.OleDb

PublicClassEmployeeForm

Dim con AsNewOleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\admin\Documents\vb santhiya\employee.accdb")

Dim da AsNewOleDbDataAdapter

DimcmdAsNewOleDbCommand

DimdtAsNewDataTable

PublicSubLoadData()

Try

con.Open()

da = NewOleDbDataAdapter("SELECT\*FROM employee", con)

dt = NewDataTable()

da.Fill(dt)

employeeDataGridView.DataSource = dt

con.Close()

Catch ex AsException

MessageBox.Show(ex.Message)

EndTry

EndSub

PrivateSubbind\_data()

EndSub

PublicSubrunquery(ByVal query AsString)

EndSub

PrivateSub Label8\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Label8.Click

EndSub

PrivateSub Label9\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Label9.Click

EndSub

PrivateSub GroupBox1\_Enter(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles GroupBox1.Enter

EndSub

PrivateSub Label14\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Label14.Click

EndSub

PrivateSubPersonal\_Details\_Enter(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesPersonal\_Details.Enter

EndSub

PrivateSubEmployeeForm\_Load(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesMyBase.Load

'TODO: This line of code loads data into the 'Database3DataSet.database3' table. You can move, or remove it, as needed.

Me.Database3TableAdapter.Fill(Me.Database3DataSet.database3)

EndSub

PrivateSub Database3BindingNavigatorSaveItem\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Database3BindingNavigatorSaveItem.Click

Me.Validate()

Me.Database3BindingSource.EndEdit()

Me.TableAdapterManager.UpdateAll(Me.Database3DataSet)

EndSub

PrivateSub Button1\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button1.Click

Try

con.Open()

cmd = NewOleDbCommand("INSERT INTO DATABASE3(EmployeeID,EmployeeName,Address,DateOfBirth,Gender,Age,ContactNumber,MaritalStatus,DailyRate,PayMethod,Positions,StatusWork,DateHired)VALUES(@EmployeeID,@EmployeeName,@Address,@DateOfBirth,@Gender,@Age, @ContactNumber,@MaritalStatus,@DailyRate,@PayMethod,@Positions,@StatusWork,@DateHired)", con)

cmd.Parameters.AddWithValue("@EmployeeID", TextBox1.Text)

cmd.Parameters.AddWithValue("@EmployeeName", TextBox2.Text)

cmd.Parameters.AddWithValue("@Address", TextBox3.Text)

cmd.Parameters.AddWithValue("@DateOfBirth", DateTimePicker1.Value)

cmd.Parameters.AddWithValue("@Gender", TextBox5.Text)

cmd.Parameters.AddWithValue("@Age", TextBox6.Text)

cmd.Parameters.AddWithValue("@ContactNumber", TextBox7.Text)

cmd.Parameters.AddWithValue("@MaritalStatus", ComboBox1.Text)

cmd.Parameters.AddWithValue("@DailyRAte", TextBox9.Text)

cmd.Parameters.AddWithValue("@PayMethod", ComboBox2.Text)

cmd.Parameters.AddWithValue("@Positions", TextBox11.Text)

cmd.Parameters.AddWithValue("@StatusWork", ComboBox3.Text)

cmd.Parameters.AddWithValue("@DAteHired", DateTimePicker2.Value)

cmd.ExecuteNonQuery()

con.Close()

MessageBox.Show("New Employee Details saved Successfully")

LoadData()

Catch ex AsException

MessageBox.Show(ex.Message)

EndTry

EndSub

PrivateSub Database3DataGridView\_CellContentClick(ByVal sender AsSystem.Object, ByVal e AsSystem.Windows.Forms.DataGridViewCellEventArgs) Handles Database3DataGridView.CellContentClick

EndSub

PrivateSub Button2\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button2.Click

TextBox1.Clear()

TextBox2.Clear()

TextBox3.Clear()

DateTimePicker1.Value = DateTime.Now

TextBox5.Clear()

TextBox6.Clear()

TextBox7.Clear()

TextBox9.Clear()

TextBox11.Clear()

DateTimePicker2.Value = DateTime.Now

TextBox1.Focus()

EndSub

PrivateSub Button3\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button3.Click

If Database3DataGridView.SelectedRows.Count > 0 Then

DimEmployeeIDAsInteger = Database3DataGridView.CurrentRow.Cells(0).Value

Dim result AsDialogResult = MessageBox.Show("Are your want you to delete this Employee?", "Confirm Delete", MessageBoxButtons.YesNo, MessageBoxIcon.Warning)

If result = DialogResult.YesThen

Try

Dim con AsNewOleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\admin\Documents\vb subha\database3.accdb")

con.Open()

DimcmdAsNewOleDbCommand("DELETE FROM database3 WHERE EmployeeID=@EmployeeID", con)

cmd.Parameters.AddWithValue("@EmployeeID", EmployeeID)

cmd.ExecuteNonQuery()

con.Close()

MessageBox.Show("Employee Deleted Successfully!", "Deleted", MessageBoxButtons.OK, MessageBoxIcon.Information)

LoadData()

Catch ex AsException

MessageBox.Show("Error: "&ex.Message, "Delete Failed", MessageBoxButtons.OK, MessageBoxIcon.Error)

EndTry

EndIf

Else

MessageBox.Show("Please select a One Employee Details to delete.", "No Selection", MessageBoxButtons.OK, MessageBoxIcon.Warning)

EndIf

EndSub

PrivateSub Button4\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button4.Click

TextBox1.Text = ""

TextBox2.Text = ""

TextBox3.Text = ""

DateTimePicker1.Value = DateTime.Now

TextBox5.Text = ""

TextBox6.Text = ""

TextBox7.Text = ""

TextBox9.Text = ""

TextBox11.Text = ""

DateTimePicker2.Value = DateTime.Now

Database3DataGridView.ClearSelection()

EndSub

PrivateSub Button5\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button5.Click

Me.Close()

EndSub

EndClass

SUPPLIER FORM:

Imports System.Data

Imports System.Data.OleDb

PublicClasscostomerr

Dim con AsNewOleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\admin\Documents\vb santhiya\customer.accdb")

Dim da AsNewOleDbDataAdapter

DimcmdAsNewOleDbCommand

DimdtAsNewDataTable

PublicSubLoadData()

Try

con.Open()

da = NewOleDbDataAdapter("SELECT\*FROM prooduct", con)

dt = NewDataTable()

da.Fill(dt)

DealerDataGridView.DataSource = dt

con.Close()

Catch ex AsException

MessageBox.Show(ex.Message)

EndTry

EndSub

PrivateSubDealerDetails\_Load(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesMyBase.Load

'TODO: This line of code loads data into the 'Database5DataSet.Dealer' table. You can move, or remove it, as needed.

Me.DealerTableAdapter.Fill(Me.Database5DataSet.Dealer)

EndSub

PrivateSub Button1\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button1.Click

con.Open()

cmd = NewOleDbCommand("INSERT INTO database5(DealerID,DealerName,Manager,Address,ContactNo)VALUES(@DealerID,@DealerName,@Manager,@Address,@ContactNo)", con)

cmd.Parameters.AddWithValue("@SupplierID", TextBox1.Text)

cmd.Parameters.AddWithValue("@SupplierName", TextBox2.Text)

cmd.Parameters.AddWithValue("@Manager", TextBox3.Text)

cmd.Parameters.AddWithValue("@Address", TextBox4.Text)

cmd.Parameters.AddWithValue("@ContactNo", TextBox5.Text)

cmd.ExecuteNonQuery()

con.Close()

MessageBox.Show("New supplier Details saved Successfully")

LoadData()

EndSub

PrivateSubDealerBindingNavigatorSaveItem\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesDealerBindingNavigatorSaveItem.Click

Me.Validate()

Me.DealerBindingSource.EndEdit()

Me.TableAdapterManager.UpdateAll(Me.Database5DataSet)

EndSub

PrivateSub Button2\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button2.Click

TextBox1.Clear()

TextBox2.Clear()

TextBox3.Clear()

TextBox4.Clear()

TextBox5.Clear()

EndSub

PrivateSub Button3\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Button3.Click

TextBox1.Text = ""

TextBox2.Text = ""

TextBox3.Text = ""

TextBox4.Text = ""

TextBox5.Text = ""

DealerDataGridView.ClearSelection()

EndSub

EndClass

CUSTOMER DETAILS REPORT FORM:

ImportsSystem.Data.OleDb

PublicClassCustomerReport

DimconnstringAsString = ("Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Users\admin\Documents\vb subha\database6.accdb")

Dim conn AsNewOleDbConnection(connstring)

Dim da AsNewOleDbDataAdapter

DimcmdAsNewOleDbCommand

DimdtAsNewDataTable

PublicSubLoadData()

Try

conn.Open()

da = NewOleDbDataAdapter("SELECT\*FROM database4", conn)

dt = NewDataTable()

da.Fill(dt)

ReportDataGridView.DataSource = dt

conn.Close()

Catch ex AsException

MessageBox.Show(ex.Message)

EndTry

EndSub

PrivateSubCustomerReport\_Load(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) HandlesMyBase.Load

'TODO: This line of code loads data into the 'Database6DataSet.report' table. You can move, or remove it, as needed.

Me.ReportTableAdapter.Fill(Me.Database6DataSet.report)

'TODO: This line of code loads data into the 'Database4DataSet1.database4' table. You can move, or remove it, as needed.

Me.Database4TableAdapter.Fill(Me.Database4DataSet1.database4)

LoadData()

EndSub

PrivateSub Database4BindingNavigatorSaveItem\_Click(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles Database4BindingNavigatorSaveItem.Click

Me.Validate()

Me.Database4BindingSource.EndEdit()

Me.TableAdapterManager.UpdateAll(Me.Database4DataSet1)

EndSub

PrivateSubloadCustomerData(OptionalByVal query AsString = "SELECT\*FROM report")

Try

Dim adapter AsNewOleDbDataAdapter(query, conn)

DimdtAsNewDataTable()

adapter.Fill(dt)

ReportDataGridView.DataSource = dt

Catch ex AsException

MessageBox.Show("Error:"&ex.Message)

EndTry

EndSub

PrivateSub TextBox1\_TextChanged(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles TextBox1.TextChanged

If TextBox1.Text <>""Then

loadCustomerData("SELECT\*FROM report WHERE CustomerNumber LIKE'"& TextBox1.Text &"%'")

Else

loadCustomerData()

EndIf

EndSub

PrivateSub TextBox2\_TextChanged(ByVal sender AsSystem.Object, ByVal e AsSystem.EventArgs) Handles TextBox2.TextChanged

If TextBox2.Text <>""Then

loadCustomerData("SELECT\*FROM report WHERE CustomerName LIKE'"& TextBox2.Text &"%'")

Else

loadCustomerData()

EndIf

EndSub

End Class