﻿Imports IBM.Data.DB2

Public Class PatientDiagnosisFrm

Dim PISconn As Common.DbConnection

Private Sub PatientDiagnosisFrm\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

Try

PISconn = New DB2Connection("server=localhost;database=patient;" + "uid=db2admin;password=db2admin;")

PISconn.Open()

With Me.PatientView

PatientView.ReadOnly = True

PatientView.AllowUserToResizeRows = False

PatientView.AllowUserToResizeColumns = False

.ColumnCount = 6

.Columns(0).Name = "Patient ID"

.Columns(1).Name = "Patient FirstName"

.Columns(2).Name = "Patient LastName"

.Columns(3).Name = "Patient Age"

.Columns(4).Name = "Patient Address"

.Columns(5).Name = "Patient MobileNo"

End With

With Me.DiagnosisView

DiagnosisView.ReadOnly = True

DiagnosisView.AllowUserToResizeRows = False

DiagnosisView.AllowUserToResizeColumns = False

.ColumnCount = 2

.Columns(0).Name = "Diagnosis NO"

.Columns(1).Name = "Diagnosis Name"

End With

Call RefreshPatientDataGrid()

Call RefreshDiagnosisDataGrid()

Me.SubmitBTN.Enabled = False

Catch ex As Exception

MsgBox(ex.ToString)

End Try

End Sub

Private Sub RefreshPatientDataGrid()

Dim RdrPatient As DB2DataReader

Dim CmdRetPatient As DB2Command

Dim SelectPatientStr As String

Dim Row As String()

SelectPatientStr = "select \* from patient"

CmdRetPatient = New DB2Command(SelectPatientStr, PISconn)

RdrPatient = CmdRetPatient.ExecuteReader

Me.PatientView.Rows.Clear()

While RdrPatient.Read

Row = New String() {RdrPatient.GetString(0), RdrPatient.GetString(1), RdrPatient.GetString(2), RdrPatient.GetString(3), RdrPatient.GetString(4), RdrPatient.GetString(5)}

PatientView.Rows.Add(Row)

End While

RdrPatient.Close()

End Sub

Private Sub RefreshDiagnosisDataGrid()

Dim RdrDiagnosis As DB2DataReader

Dim CmdRetDiagnosis As DB2Command

Dim SelectDiagnosisStr As String

Dim Row As String()

SelectDiagnosisStr = "select \* from diagnosis"

CmdRetDiagnosis = New DB2Command(SelectDiagnosisStr, PISconn)

RdrDiagnosis = CmdRetDiagnosis.ExecuteReader

Me.DiagnosisView.Rows.Clear()

While RdrDiagnosis.Read

Row = New String() {RdrDiagnosis.GetString(0), RdrDiagnosis.GetString(1)}

DiagnosisView.Rows.Add(Row)

End While

RdrDiagnosis.Close()

End Sub

Private Sub PatientView\_MouseUp(sender As Object, e As MouseEventArgs) Handles PatientView.MouseUp

Me.patLNameTxt.Text = Me.PatientView.CurrentRow.Cells(2).Value

Me.patFNameTxt.Text = Me.PatientView.CurrentRow.Cells(1).Value

Me.patIdTxt.Text = Me.PatientView.CurrentRow.Cells(0).Value

End Sub

Private Sub SubmitBTN\_Click(sender As Object, e As EventArgs) Handles SubmitBTN.Click

Try

Dim patId As String

Dim diagNo As String

Dim applyDate As String

Dim InsertDiagApply As String

Dim CmdInsertDiagApply As DB2Command

patId = Me.patIdTxt.Text

diagNo = Me.diagNoTxt.Text

applyDate = Me.diagDateTxt.Text

InsertDiagApply = "insert into diagapply(patid,diagno,applydate) values('" & patId & "','" & diagNo & "','" & applyDate & "')"

CmdInsertDiagApply = New DB2Command(InsertDiagApply, PISconn)

CmdInsertDiagApply.ExecuteNonQuery()

MessageBox.Show("Diagnosis Succesfully Recorded")

Call RefreshPatientDataGrid()

Call RefreshDiagnosisDataGrid()

Call ClearDIagnosisFunction()

Catch ex As Exception

MsgBox(ex.ToString)

End Try

End Sub

Private Sub ClearDIagnosisFunction()

Me.patFNameTxt.Clear()

Me.patLNameTxt.Clear()

Me.diagDateTxt.Clear()

Me.patIdTxt.Clear()

Me.diagNoTxt.Clear()

Me.diagnosisTxt.Clear()

End Sub

Private Sub AllowSubmit()

If (Me.patFNameTxt.Text <> "") And (Me.patLNameTxt.Text <> "") And (Me.diagNoTxt.Text <> "") And (Me.diagDateTxt.Text <> "") And (Me.patIdTxt.Text <> "") Then

Me.SubmitBTN.Enabled = True

Else

Me.SubmitBTN.Enabled = False

End If

End Sub

Private Sub diagDateTxt\_TextChanged(sender As Object, e As EventArgs) Handles diagDateTxt.TextChanged

Call AllowSubmit()

End Sub

Private Sub patIdSearchTxt\_TextChanged(sender As Object, e As EventArgs) Handles patIdSearchTxt.TextChanged

Try

Dim SearchPatientStr As String

Dim CmdSearch As DB2Command

Dim RdrSearch As DB2DataReader

Dim SearchPatientStr2 As String

Dim row As String()

SearchPatientStr2 = "%" + Me.patIdSearchTxt.Text + "%"

SearchPatientStr = "Select \* from patient where patid like '" & SearchPatientStr2 & "'"

CmdSearch = New DB2Command(SearchPatientStr, PISconn)

RdrSearch = CmdSearch.ExecuteReader

Me.PatientView.Rows.Clear()

While RdrSearch.Read

row = New String() {RdrSearch.GetString(0), RdrSearch.GetString(1), RdrSearch.GetString(2), RdrSearch.GetString(3), RdrSearch.GetString(4), RdrSearch.GetString(5)}

Me.PatientView.Rows.Add(row)

End While

Catch ex As Exception

MsgBox(ex.ToString)

End Try

End Sub

Private Sub ViewBTN\_Click(sender As Object, e As EventArgs) Handles ViewBTN.Click

PatientDiagnosisViewInformation.Show()

End Sub

Private Sub DiagnosisView\_MouseUp(sender As Object, e As MouseEventArgs) Handles DiagnosisView.MouseUp

Me.diagNoTxt.Text = Me.DiagnosisView.CurrentRow.Cells(0).Value

End Sub

Private Sub diagNoTxt\_TextChanged(sender As Object, e As EventArgs) Handles diagNoTxt.TextChanged

Call AllowSubmit()

End Sub

Private Sub patIdTxt\_TextChanged(sender As Object, e As EventArgs) Handles patIdTxt.TextChanged

Call AllowSubmit()

End Sub

Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

Dim addDiag As String

Dim InsertDiagnosis As String

Dim CmdInsertDiagApply As DB2Command

addDiag = Me.diagnosisTxt.Text

InsertDiagnosis = "insert into diagnosis(diagdesc) values('" & addDiag & "')"

CmdInsertDiagApply = New DB2Command(InsertDiagnosis, PISconn)

CmdInsertDiagApply.ExecuteNonQuery()

MessageBox.Show("Diagnosis Succesfully Added")

Call RefreshDiagnosisDataGrid()

Call ClearDIagnosisFunction()

End Sub

End Class