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1 Imports System.IO
2 Imports Guna.UI2.WinForms
3 Imports MySql.Data.MySqlClient
4
5 Public Class Defaulter
6     Dim myconn As New MySqlConnection("Data
7         Source=localhost;userid=root;password=12345678;database = library")
8     Private Sub load_defaulter()
9
10         rowNumber = 1
11         Guna2DataGridView1.Rows.Clear()
12         Try
13             myconn.Open()
14             Dim cmd As New MySqlCommand("SELECT * FROM defaulter WHERE
15                 Bookname like '%" + srchtxt.Text + "%' OR StudentNo like '%"
16                 + srchtxt.Text + "%' OR Studentname like '%" + srchtxt.Text
17                 + "%'", myconn)
18             Dim dr As MySqlDataReader = cmd.ExecuteReader()
19             Do While dr.Read = True
20                 Guna2DataGridView1.Rows.Add(dr("DefaulterNo"), rowNumber,
21                     dr("BookName"), dr("StudentName"), dr("StudentNo"), dr
22                     ("Issuedate"), dr("Duedate"))
23                 rowNumber += 1
24             Loop
25             myconn.Close()
26         Catch ex As Exception
27             MsgBox(ex.Message)
28             myconn.Close()
29         End Try
30     End Sub
31
32     Private Sub Defaulter_Load(sender As Object, e As EventArgs) Handles
33         MyBase.Load
34         load_defaulter()
35     End Sub
36
37     Private Sub srchtxt_TextChanged(sender As Object, e As EventArgs)
38         Handles srchtxt.TextChanged
39         load_defaulter()
40     End Sub
41
42     Dim issuedate As String
43     Dim duedate As String
44     Private Sub Guna2DataGridView2_CellContentClick(sender As Object, e As
45         DataGridViewCellEventArgs)
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41
42     Private Sub Guna2Button1_Click(sender As Object, e As EventArgs)
43         Guna2GroupBox1.Visible = True
44     End Sub
45
46     Private Sub Guna2Button2_Click(sender As Object, e As EventArgs)      ↗
47         Handles Guna2Button2.Click
48         Guna2GroupBox1.Visible = False
49         Guna2TextBox1.Clear()
50         Guna2TextBox2.Clear()
51         Guna2TextBox3.Clear()
52         Guna2TextBox4.Clear()
53         Guna2TextBox5.Clear()
54         Guna2TextBox6.Clear()
55         Guna2TextBox7.Clear()
56         Guna2TextBox8.Clear()
57         Guna2TextBox9.Clear()
58         Guna2TextBox10.Clear()
59         Guna2TextBox24.Clear()
60         Guna2TextBox25.Clear()
61         If Guna2PictureBox1.Image IsNot Nothing Then
62             Guna2PictureBox1.Image.Dispose()
63         End If
64         Guna2PictureBox1.Image = Nothing
65     End Sub
66
67     Private Sub Guna2Button3_Click(sender As Object, e As EventArgs)      ↗
68         Handles Guna2Button3.Click
69         Dim newcopies As Integer
70         Dim copies As Integer
71         If MsgBox("Are you sure you want to return selected borrowed      ↗
72             book?", MsgBoxStyle.YesNo, "Return Books") = MsgBoxResult.Yes  ↗
73             Then
74                 Dim currentDate As DateTime = Date.Now
75                 Try
76                     myconn.Open()
77                     Dim cmd As New MySqlCommand("INSERT INTO returnbooks      ↗
78                         (StudentNo,                                     ↗
79                         Studentname, Course, Section, Email, Number, StudentPic, Acces      ↗
80                         sionNo, Bookname, Authorname, Publicationyear, Issuedate, Due      ↗
81                         date, Returndate) VALUES (@StudentNo,      ↗
82                         @Studentname, @Course, @Section, @Email, @Number, @img, @Acces      ↗
83                         sionNo, @Bookname, @Authorname, @Publicationyear, @Issuedate      ↗
84                         , @Duedate, @Returndate)", myconn)
85                     Dim ms As New MemoryStream
86                     Guna2PictureBox1.Image.Save(ms,      ↗
87                         Guna2PictureBox1.Image.RawFormat)
88                     cmd.Parameters.AddWithValue("@StudentNo",      ↗

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    Guna2TextBox1.Text)
78 cmd.Parameters.AddWithValue("@Studentname", Guna2TextBox2.Text)
79 cmd.Parameters.AddWithValue("@Course", Guna2TextBox3.Text)
80 cmd.Parameters.AddWithValue("@Section", Guna2TextBox4.Text)
81 cmd.Parameters.AddWithValue("@Email", Guna2TextBox24.Text)
82 cmd.Parameters.AddWithValue("@Number", Guna2TextBox25.Text)
83 cmd.Parameters.AddWithValue("@img", ms.ToArray())
84 cmd.Parameters.AddWithValue("@AccessionNo", Guna2TextBox5.Text)
85 cmd.Parameters.AddWithValue("@Bookname", Guna2TextBox6.Text)
86 cmd.Parameters.AddWithValue("@Authorname", Guna2TextBox7.Text)
87 cmd.Parameters.AddWithValue("@Publicationyear", Guna2TextBox8.Text)
88 Dim issuedate As DateTime = Guna2TextBox9.Text
89 Dim duedate As DateTime = Guna2TextBox10.Text
90 cmd.Parameters.AddWithValue("@Issuedate", issuedate.ToString("yyyy-MM-dd"))
91 cmd.Parameters.AddWithValue("@Duedate", duedate.ToString("yyyy-MM-dd"))
92 cmd.Parameters.AddWithValue("@Returndate", currentDate.ToString("yyyy-MM-dd"))
93 cmd.ExecuteNonQuery()
94 myconn.Close()
95 MsgBox("Book Returned Successfully", MsgBoxStyle.Information, "Return Books")
96 AddEditData("DELETE FROM defaulter WHERE AccessionNo = '" & Guna2TextBox5.Text & "' AND StudentNo = '" & Guna2TextBox1.Text & "'")
97 Catch ex As Exception
98     MsgBox(ex.Message)
99     myconn.Close()
100 End Try
101 Try
102     myconn.Open()
103     Dim cmd As New MySqlCommand("SELECT * FROM books WHERE AccessionNo = '" & Guna2TextBox5.Text & "'", myconn)
104     Dim dr As MySqlDataReader = cmd.ExecuteReader()
105     If dr.Read Then
106         copies = dr("NoCopies")
107         newcopies = copies + 1
108     End If
109     myconn.Close()
110 Catch ex As Exception
111     MsgBox(ex.Message)

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112         myconn.Close()
113     End Try
114     Try
115         myconn.Open()
116         Dim strSQL As String
117         strSQL = "UPDATE books set NoCopies = '" & newcopies & "'
                  WHERE AccessionNo = '" & Guna2TextBox5.Text & "'"
118         Dim cmd As New MySqlCommand(strSQL, myconn)
119         If cmd.ExecuteNonQuery = 1 Then
120             Guna2GroupBox1.Visible = False
121             Guna2TextBox1.Clear()
122             Guna2TextBox2.Clear()
123             Guna2TextBox3.Clear()
124             Guna2TextBox4.Clear()
125             Guna2TextBox5.Clear()
126             Guna2TextBox6.Clear()
127             Guna2TextBox7.Clear()
128             Guna2TextBox8.Clear()
129             Guna2TextBox9.Clear()
130             Guna2TextBox10.Clear()
131             Guna2TextBox24.Clear()
132             Guna2TextBox25.Clear()
133             If Guna2PictureBox1.Image IsNot Nothing Then
134                 Guna2PictureBox1.Image.Dispose()
135             End If
136             Guna2PictureBox1.Image = Nothing
137         End If
138         myconn.Close()
139     Catch ex As Exception
140         MsgBox(ex.Message)
141         myconn.Close()
142     End Try
143     load_defaulter()
144 End If
145 End Sub
146
147
148
149
150 Private Sub Guna2DataGridView1_CellContentClick(sender As Object, e As
    DataGridViewCellEventArgs) Handles
    Guna2DataGridView1.CellContentClick
151     If Guna2DataGridView1.CurrentCell.OwningColumn.Name = "dgvView"
    Then
152         Guna2GroupBox1.Visible = True
153     Try
154         myconn.Open()
155         Dim cmd As New MySqlCommand("SELECT * FROM defaulter WHERE
    DefaulterNo = '" & Guna2DataGridView1.CurrentRow.Cells

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(0).Value.ToString() & "'", myconn)
156 Dim dr As MySqlDataReader = cmd.ExecuteReader()
157 If dr.Read Then
158     Dim imageData As Byte() = DirectCast(dr("StudentPic"),
159     Byte())
159     Dim imageStream As New MemoryStream(imageData)
160     Dim image As Image = Image.FromStream(imageStream)
161     Guna2PictureBox1.Image = image
162     Guna2TextBox1.Text = dr("StudentNo")
163     Guna2TextBox2.Text = dr("Studentname")
164     Guna2TextBox3.Text = dr("Course")
165     Guna2TextBox4.Text = dr("Section")
166     Guna2TextBox5.Text = dr("AccessionNo")
167     Guna2TextBox6.Text = dr("BookName")
168     Guna2TextBox7.Text = dr("Authername")
169     Guna2TextBox24.Text = dr("Email")
170     Guna2TextBox25.Text = dr("Number")
171     issuedate = dr("Issuedate")
172     duedate = dr("Duedate")
173     Dim issuedateValue As DateTime = DateTime.ParseExact
174     (issuedate, "yyyy-MM-dd",
175     System.Globalization.CultureInfo.InvariantCulture)
176     Dim duedateValue As DateTime = DateTime.ParseExact
177     (duedate, "yyyy-MM-dd",
178     System.Globalization.CultureInfo.InvariantCulture)
175     Guna2TextBox8.Text = dr("Publicationyear")
176     Guna2TextBox9.Text = issuedateValue.ToString("dddd,
177     MMMM dd, yyyy")
178     Guna2TextBox10.Text = duedateValue.ToString("dddd,
179     MMMM dd, yyyy")
180 End If
181 myconn.Close()
182 Catch ex As Exception
183     MsgBox(ex.Message)
184 End Try
185 End If
186 End Sub
187 End Class
```