

Zach Seibel & Conrad Hill

HW7

<http://localhost:26331/HW7.aspx>

4/9/2018 M, W, F 2:10-3

```
Imports System.Data
Imports System.Data.SqlClient
Partial Class HW7
    Inherits System.Web.UI.Page

    Public Shared Con As New SqlConnection("Data Source=cb-ot-devst04.ad.wsu.edu;Initial
    Catalog=MF81zachary.seibel;Persist Security Info=True;User
    ID=zachary.seibel;Password=c961a639")

    Protected Sub btnInsert_Click(sender As Object, e As EventArgs) Handles
    btnInsert.Click
        Dim cmdInsertReservations As New SqlCommand("INSERT Reservations (VehicleID,
    Cost_For_Days_Rented, Cost_For_Mileage, Cost_For_Damage, Total_Cost) Values ( @p1, @p4,
    @p5, @p6, @p7)", Con)

        With cmdInsertReservations.Parameters
            .Clear()

            .AddWithValue("@p4", CDec(tbCurrentMileage.Text))
            .AddWithValue("@p5", CDec(tbTimesCheckedOut.Text))
            .AddWithValue("@p6", CDec(tbRentedMileage.Text))
            .AddWithValue("@p7", CDec(tbRevenueGenerated.Text))
            .AddWithValue("@p1", ddlVehicleModel.Selected.Value)

        End With

        Try
            'this is where the command is run to insert the row of data
            If Con.State = ConnectionState.Closed Then Con.Open()
            cmdInsertReservations.ExecuteNonQuery()
            Response.Write("record added")
            Call GetReservations()
            Call UpdateCustomer()
        Catch ex As Exception
            Response.Write(ex.Message)
        Finally
            Con.Close()
        End Try
    End Sub

    Private Sub GetReservations()
        'here we retrieve the full table of customers

        Dim ReservationsDA As New SqlDataAdapter("SELECT TOP 1 * FROM WSUFleet ORDER by
    VehicleID DESC", Con)
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        Dim ReservationsTable As New DataTable
        ' Dim NewestReservation As New SqlDataAdapter("SELECT TOP 1 * from
[seibel].[Reservation] ORDER by ReservationsID DESC", Con)

        'if the table was already filled once then clear it out
        If ReservationsTable.Rows.Count > 0 Then
            ReservationsTable.Rows.Clear()

        End If

        Try
            'so here the red sql statement gets run over the connection tot the database
the retrieved data is the displayed
            ReservationsDA.Fill(ReservationsTable)
            GridView1.DataSource = ReservationsTable
            GridView1.DataBind()

        Catch ex As Exception
            Response.Write(ex.Message)
        End Try
    End Sub

    Private Sub UpdateCustomer()
        Dim UpdateCustomer As New SqlCommand("Update WSUFleet SET CurrentMileage += @p4,
TimesCheckedOut += 1, RentedMileage += @p5, RevenueGenerated += @p6 WHERE VehicleID =
@p1", Con)

        With UpdateCustomer.Parameters
            .Clear()

            .AddWithValue("@p4", CDec(tbCurrentMileage.Text))
            .AddWithValue("@p5", CDec(tbRentedMileage.Text))
            .AddWithValue("@p6", CDec(tbRevenueGenerated.Text))
            .AddWithValue("@p1", ddlVehicleModel.Selected.Value)
        End With

        Try

            If Con.State = ConnectionState.Closed Then Con.Open()

            UpdateCustomer.ExecuteNonQuery()

        Catch ex As Exception
            Response.Write(ex.Message)

        End Try

    End Sub

End Class

```

record added

Vehicle

Current Mileage:

Number of Times Checked Out:

Rented Mileage:

Revenue Generated:

Insert Record

VehicleID	Manufacturer	make	Model	CurrentMileage	TimesCheckedOut	RentedMileage	RevenueGenerated
12	Dodge	Truck	Ram	4449353	2	9001	16501.00