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' Generated by VB & C#.NET Class Generator v2.0
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```
Imports System
Imports System.Configuration
Imports System.Data
Imports System.Data.SqlClient
```

```
Namespace Northwind
```

```
    Public Class Customers
```

```
        #Region "ConnectionString"
```

```
            Public Shared ConnectionString As String = String.Empty
```

```
        #End Region
```

```
        #Region "Declarations"
```

```
            Private _CustomerID As String = String.Empty
            Private _CompanyName As String = String.Empty
            Private _ContactName As String = String.Empty
            Private _ContactTitle As String = String.Empty
            Private _Address As String = String.Empty
            Private _City As String = String.Empty
            Private _Region As String = String.Empty
            Private _PostalCode As String = String.Empty
            Private _Country As String = String.Empty
            Private _Phone As String = String.Empty
            Private _Fax As String = String.Empty
            Private _found As Boolean
```

```
        #End Region
```

```
        #Region "Properties"
```

```
            Public Property CustomerID() As String
                Get
                    Return _CustomerID
                End Get
                Set(ByVal Value As String)
                    _CustomerID = Value
                End Set
            End Property
```

```
            Public Property CompanyName() As String
                Get
                    Return _CompanyName
                End Get
                Set(ByVal Value As String)
                    _CompanyName = Value
                End Set
            End Property
```

```
End Property

Public Property ContactName() As String
    Get
        Return _ContactName
    End Get
    Set(ByVal Value As String)
        _ContactName = Value
    End Set
End Property

Public Property ContactTitle() As String
    Get
        Return _ContactTitle
    End Get
    Set(ByVal Value As String)
        _ContactTitle = Value
    End Set
End Property

Public Property Address() As String
    Get
        Return _Address
    End Get
    Set(ByVal Value As String)
        _Address = Value
    End Set
End Property

Public Property City() As String
    Get
        Return _City
    End Get
    Set(ByVal Value As String)
        _City = Value
    End Set
End Property

Public Property Region() As String
    Get
        Return _Region
    End Get
    Set(ByVal Value As String)
        _Region = Value
    End Set
End Property

Public Property PostalCode() As String
    Get
        Return _PostalCode
    End Get
    Set(ByVal Value As String)
```

```

        _PostalCode = Value
    End Set
End Property

Public Property Country() As String
    Get
        Return _Country
    End Get
    Set(ByVal Value As String)
        _Country = Value
    End Set
End Property

Public Property Phone() As String
    Get
        Return _Phone
    End Get
    Set(ByVal Value As String)
        _Phone = Value
    End Set
End Property

Public Property Fax() As String
    Get
        Return _Fax
    End Get
    Set(ByVal Value As String)
        _Fax = Value
    End Set
End Property

Public ReadOnly Property Found() As Boolean
    Get
        Return _found
    End Get
End Property

#End Region

#Region "Functions/Routines"

#Region "List"

Public Shared Function List() As DataSet

    Dim sqlConn As New SqlConnection(ConnectionString)
    Dim adp As New SqlDataAdapter("usp_CustomersList", sqlConn)
    Dim ds As New DataSet

    Try
        sqlConn.Open()
        adp.SelectCommand.CommandType = CommandType.StoredProcedure
    
```

```

        adp.Fill(ds)
    Catch
        Throw
    Finally
        sqlConn.Close()
        adp.Dispose()
        sqlConn.Dispose()
    End Try

    Return ds

End Function

#End Region

#Region "Retrieve"

Public Sub Retrieve()

    Dim sqlConn As New SqlConnection(ConnectionString)
    Dim cmd As New SqlCommand("usp_CustomersSelect", sqlConn)
    Dim data As SqlDataReader

    _found = False

    cmd.Parameters.Add("@CustomerID", SqlDbType.NChar, 5).Value = _CustomerID

    Try
        sqlConn.Open()
        cmd.CommandType = CommandType.StoredProcedure
        data = cmd.ExecuteReader()

        If data.Read Then
            _found = True
            If Not IsDBNull(data.Item("CustomerID")) Then _CustomerID = data.Item("CustomerID")
            If Not IsDBNull(data.Item("CompanyName")) Then _CompanyName = data.Item("CompanyName")
            If Not IsDBNull(data.Item("ContactName")) Then _ContactName = data.Item("ContactName")
            If Not IsDBNull(data.Item("ContactTitle")) Then _ContactTitle = data.Item("ContactTitle")
            If Not IsDBNull(data.Item("Address")) Then _Address = data.Item("Address")
            If Not IsDBNull(data.Item("City")) Then _City = data.Item("City")
            If Not IsDBNull(data.Item("Region")) Then _Region = data.Item("Region")
            If Not IsDBNull(data.Item("PostalCode")) Then _PostalCode = data.Item("PostalCode")
            If Not IsDBNull(data.Item("Country")) Then _Country = data.Item("Country")
            If Not IsDBNull(data.Item("Phone")) Then _Phone = data.Item("Phone")
            If Not IsDBNull(data.Item("Fax")) Then _Fax = data.Item("Fax")
        End If

    Catch
        Throw
    Finally
        sqlConn.Close()
        cmd.Dispose()
    End Try
End Sub

```

```

        sqlConn.Dispose()
    End Try

End Sub

#End Region

#Region "Save"

Public Function Save() As Boolean

    Dim sqlConn As New SqlConnection(ConnectionString)
    Dim cmd As New SqlCommand("usp_CustomersInsert", sqlConn)

    cmd.Parameters.Add("@CustomerID", SqlDbType.NChar, 5).Value = _CustomerID
    cmd.Parameters.Add("@CompanyName", SqlDbType.NVarChar, 40).Value = _CompanyName
    cmd.Parameters.Add("@ContactName", SqlDbType.NVarChar, 30).Value = _ContactName
    cmd.Parameters.Add("@ContactTitle", SqlDbType.NVarChar, 30).Value = _ContactTitle
    cmd.Parameters.Add("@Address", SqlDbType.NVarChar, 60).Value = _Address
    cmd.Parameters.Add("@City", SqlDbType.NVarChar, 15).Value = _City
    cmd.Parameters.Add("@Region", SqlDbType.NVarChar, 15).Value = _Region
    cmd.Parameters.Add("@PostalCode", SqlDbType.NVarChar, 10).Value = _PostalCode
    cmd.Parameters.Add("@Country", SqlDbType.NVarChar, 15).Value = _Country
    cmd.Parameters.Add("@Phone", SqlDbType.NVarChar, 24).Value = _Phone
    cmd.Parameters.Add("@Fax", SqlDbType.NVarChar, 24).Value = _Fax

    Try
        sqlConn.Open()
        cmd.CommandType = CommandType.StoredProcedure
        Save = cmd.ExecuteNonQuery()
    Catch
        Throw
    Finally
        sqlConn.Close()
        cmd.Dispose()
        sqlConn.Dispose()
    End Try

End Function

#End Region

#Region "Update"

Public Function Update() As Boolean

    Dim sqlConn As New SqlConnection(ConnectionString)
    Dim cmd As New SqlCommand("usp_CustomersUpdate", sqlConn)

    cmd.Parameters.Add("@CustomerID", SqlDbType.NChar, 5).Value = _CustomerID
    cmd.Parameters.Add("@CompanyName", SqlDbType.NVarChar, 40).Value = _CompanyName
    cmd.Parameters.Add("@ContactName", SqlDbType.NVarChar, 30).Value = _ContactName

```

```
cmd.Parameters.Add("@ContactTitle", SqlDbType.NVarChar, 30).Value = _ContactTitle
cmd.Parameters.Add("@Address", SqlDbType.NVarChar, 60).Value = _Address
cmd.Parameters.Add("@City", SqlDbType.NVarChar, 15).Value = _City
cmd.Parameters.Add("@Region", SqlDbType.NVarChar, 15).Value = _Region
cmd.Parameters.Add("@PostalCode", SqlDbType.NVarChar, 10).Value = _PostalCode
cmd.Parameters.Add("@Country", SqlDbType.NVarChar, 15).Value = _Country
cmd.Parameters.Add("@Phone", SqlDbType.NVarChar, 24).Value = _Phone
cmd.Parameters.Add("@Fax", SqlDbType.NVarChar, 24).Value = _Fax
```

```
Try
    sqlConn.Open()
    cmd.CommandType = CommandType.StoredProcedure
    Update = cmd.ExecuteNonQuery()
Catch
    Throw
Finally
    sqlConn.Close()
    cmd.Dispose()
    sqlConn.Dispose()
End Try
```

```
End Function
```

```
#End Region
```

```
#Region "Delete"
```

```
Public Shared Function Delete(ByVal customerID As String) As Boolean
```

```
    Dim sqlConn As New SqlConnection(ConnectionString)
    Dim cmd As New SqlCommand("usp_CustomersDelete", sqlConn)

    cmd.Parameters.Add("@CustomerID", SqlDbType.NChar, 5).Value = customerID

    Try
        sqlConn.Open()
        cmd.CommandType = CommandType.StoredProcedure
        Delete = cmd.ExecuteNonQuery()
    Catch
        Throw
    Finally
        sqlConn.Close()
        cmd.Dispose()
        sqlConn.Dispose()
    End Try
```

```
End Function
```

```
#End Region
```

```
#End Region
```

End Class

End Namespace