Northwind Database App Outline

.Net Database

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1. Manage Products Menu
   1. Display Products Menu (0:05)
      1. (1) Display all products. Notice the loading animation which uses await/async. Only noticeable the first time we connect to the database. (0:07)
      2. (2) Display active products (0:19)
      3. (3) Display discontinued products (0:26)
      4. (4) Display product details (0:31)
      5. Menu rejects incorrect input (0:45)
   2. Add Product (0:55)
      1. Product info is entered (0:56)
      2. Menu rejects incorrect input (1:03)
      3. Check Display Products to see the new product exists (1:31)
   3. Edit Product (1:46)
      1. Product info is changed (1:51)
      2. Check Display Products to see the changed product exists (2:26)
   4. Delete Product (2:38)
      1. Product is deleted (2:45)
      2. Check Display Products to see the product is gone (2:55)
2. Manage Categories Menu (3:10)
   1. Display Categories Menu (3:11)
      1. Display all categories. Shows async loading animation. (3:15)
      2. Display all categories and related products (3:28)
      3. Display single category and related products (3:39)
   2. Add Category (3:51)
      1. Category info is entered (3:51)
      2. Check Display Categories to see the new category (4:02)
   3. Edit Category (4:09)
      1. Category info is changed (4:09)
      2. Check Display Categories to see the changed category (4:25)
   4. Delete Category (4:31)
      1. Try to delete category with related products, but it fails (4:34)
      2. New category with no related products is deleted (4:42)
      3. Check Display Categories to see the category is gone (4:50)
3. View NLog log file (5:05)

Course Reflection

Having started the class with no experience with C# or databases, it’s easy to see how much I’ve learned over the past semester. While I’m nowhere near an expert in the topic, I’ve gained some familiarity with the .Net environment with things like Visual Studio, NuGet, and Entity Framework. Since I started with Java, I’ve enjoyed using some of the more modern features C# offers, like auto-set Properties. I’m looking forward to taking .Net Web in the fall!