**Northwind Traders Inventory Management**

**Overview**

This application is designed for Northwind Traders employees to manage product inventory. Employees can register, log in, browse products by category, and administrators can manage products.

**Functionalities**

**Working Features:**

- **Employee Registration:** Employees can successfully register on the website.

- **Employee Login:** Registered employees can log into the website.

- **Product Browse by Category:**

    o   Navigation links allow employees to select a product category.

    o   Upon category selection, all products related to that category are displayed.

    o   Product details and images for all products under the selected category are shown on the page.

- **Product Administration (Admin Only):**

    o   Users belonging to the "Administrator" group can access product administration functionalities.

    o   This includes adding new products to the database.

    o   This also includes removing products from the database.

    o   **Note:** There is no functionality to update existing products.

- **View Cart:**

    o   A webpage has been created that allows users to view their shopping cart.

    o   Gathers cart details from database.

    o   Subtotal calculations via stored procedure within the cart are functional.

- **Partially Working Features:**

    o   **Issue:** The "Update Cart" functionality is not working.

        ▪   Problem resides in "string cartID = User.FindFirst(System.Security.Claims.ClaimTypes.NameIdentifier).Value;" being null as checked via breakpoint debugging.

        ▪   Tried many solutions but could not find resolve so I moved on to Administration functionalities due to time constraints.

- **Add to Cart Condition:**
  - The logic to allow users to add items to the cart if the quantity < targetlevel was not fully implemented due to time constraints and errors.

**Not Working Features:**

- **Checkout Process:**
  - The checkout process, which includes reviewing the cart and placing a purchase order, is not functional.
  - Tried many solutions to no resolve.

**Admin Credentials**

For product administration features, please use the following administrator credentials:

- **Admin Email:** empuser1@test.com

- **Admin Password:** Test1234!

*(This login was initialized in Register.cshtml.cs)*

**Important:** Only users logged in with Administrator credentials can access the "Manage Products" tab.

**Add Product Page Example Image:**

# Add New Product

Manually enter all product details, including Category ID and Supplier ID.

ProductCode

TEST-1

ProductName

TestProduct

Description

Category ID

100

Supplier ID

300

StandardCost

5.25

ListPrice

10.75

AvailableQty

10

Product Image URL (Optional)

/fruits.jpg

Reorder Level (Optional)

10

Target Level (Optional)

10

☑ Discontinued

☐ Reordered

Create Product    Cancel