**SQL Function Files:**

**AddCustomer.sql:**

Creates a new customer in the database to shop. Used in database as:

**CALL AddCustomer*(‘c\_ID’,’Customer Name’);***

**AddProduct.sql**

Adds a new product to be available in the online store for customers to purchase and employees to maintain. Used in database as:

**CALL AddProduct(*‘UPC’,’Product Name’,’Stock’,’Category’*);**

**AddStock.sql**

Updates stock information in order to populate more inventory. Used in database as:

**CALL AddStock*(‘Product\_Name’,’amount’);***

**AddToCart.sql**

Adds products to a customer cart specified by the customer and removes them from the available stock. Used in the database as:

**CALL AddToCart(‘*Customer Name’, ‘cart#####’, ‘Product Name’, ‘##’);***

**Alerts Table and Low Stock Trigger.sql**

Implemented alert system to notify employees of low stock of products below the amount of 50 inventory. When activated, add the Product\_Name, stock, and time of notification to the Alerts table.

**CreateCart.sql**

Creates a new cart for a customer in the database. It uses only the customer’s name when called. Called as:

**CALL CreateCart(*‘customername’*);**

**DeleteCart.sql**

Deletes unused customer carts from the database usin the customer’s name. Called as:

**CALL DeleteCart*(‘Customer Name’);***

**DeleteCustomer.sql**

Removes old customers from the database. Used in database as:

**CALL DeleteCustomer*(‘c\_ID’,’Customer Name’);***

**PurchaseCart.sql**

Moves carts to a ‘purchased’ state for record keeping in order to track orders, allowing customers to make new unique carts later. Used in database as:

**CALL PurchaseCart(‘Customer Name’, ‘cartname’);**

**RemoveFromCart.sql**

Removes unwanted items from the customers cart before purchase and adds them back to the product stock. Used in database as:

**CALL RemoveFromCart(‘*Customer Name’, ‘cart#####’, ‘Product Name’, ‘##’);***

**ShowProducts.sql**

Used for Guest searching purposes, it is the way for a Guest to view all products available to purchase from the store before making an account. Used in the database as:

**CALL ShowProducts();**