**HTML:**

I have a **Main page** that contains general information about the business including:

✓ Name and optional logo

✓ Contact information including address, phone, and e-mail address

✓ Business purpose/description

✓ Business hours

✓ Business location shown on a map image (assume one location).

✓ History and owners

I used Google to render the map and the marker to show the business location.

**Products page** that shows in tabular format five products that the business offers. I used **DataTables** to render the table.

The page has a **jQuery AJAX** call that extracts the first three columns of MySQL Database into an inventory table array. This inventory table array is then used as input for **DataTables.**

The URL of the **JQuery** call to the script file **DatabaseInterface.php** with a list request.

An **Order page** that provides the user a form that enables them to order a product from the store. The form includes:

✓ Customer name

✓ Customer phone

✓ Customer e-mail

✓ Product/service name

✓ Product/service quantity

✓ Delivery method (to shipping address or in-store pick-up)

✓ Shipping address

I used self-validating HTML controls wherever appropriate and defined the form to use method **get** and action **Order Confirmation page**.

The page has a **jQuery AJAX** call extracts product names from the database to populate the Product combo box with options. I used DOM methods to add the options.

The URL of the **JQuery** call to the script file **DatabaseInterface.php** with a list request.

The **onsubmit** method to call script file **DatabaseInterface.php** with update request.

**Inventory page** that provide the store mangmenet with the information about their products:

✓ Product or service name

✓ Unit cost ($)

✓ Quantity in inventory

The page has a **jQuery AJAX** call that extracts the first column with the least two columns of MySQL Database into an inventory table array. This inventory table array is then used as input for **DataTables.**

The jQuery URL to script file **DatabaseInterface.php** with a list request.

The page does not be accessible from any of the other pages.

The page is used to allow the staff to add new data to the database by updating the Quantity.

**CSS:**

I used two separate files for styles and W3.CSS too. Also, I added @media style that is triggered when the Main page viewing width is less than 1,000-1,400px. The style stacks any side-by-side panels on the page.

**PHP:**

**Order confirmation page** that process the data submitted by the Order page.

● Echo the order details to the client including:

Name

Phone

E-mail address

Product

Quantity

Delivery method

Shipping address

**DatabaseInterface.php** that serves as an interface between the client pages and the database **dbInventory**. The client sends requests to the database calling this script file. It performs the following operations:

**Update** to update the date by request the **ID** and **Quantity.**

**List** to list all the data from database in **JSON** format

**MySQL:**

**Database build script**

**DatabaseBuild.sql** that:

a) Creates database **dbInventory** and table **tbInventory** with the same fields (and an ID field) as your current **ProductsData.json** file:

● ProductID – int, not null, auto increment

● Product – varchar(50), not null

● Description – varchar(100), not null

● Image – varchar(200), not null

● Price – decimal(12,2), not null

● Quantity – int, not null

**Javascript:**

I didn’t use the JS in separate file. I applied into the HTML.