**API Endpoints (POST Requests)**

/Managers/CartManager.php

Add Item to Cart

* Required Parameters
  + Action (Required): Add
  + ProductID (Required): ID of product to be added
  + Quantity (Required): Quantity to add to cart

Update Item in Cart

* Required Parameters
  + Action (Required): Update
  + ProductID (Required): ID of product to be updated
  + Quantity (Required): Quantity to be updated to

Delete Item from Cart

* Required Parameters
  + Action (Required): Remove
  + ProductID (Required): ID of product to be deleted

Clear Items from Cart

* Required Parameters
  + Action (Required): Clear

/Managers/InventoryManager.php

Create Inventory Item

* Required Parameters
  + Action (Required): Create
  + Name (Required): Name of new product
  + Quantity (Required): Quantity in stock of new product
  + Cost (Required): Cost of the new product

Update Inventory Item

* Required Parameters
  + Action (Required): Update
  + ID (Required): ID of item to be updated
  + Quantity (Required): Quantity to be updated to

/Managers/OrderManager.php

Create new Order

* Required Parameters
  + Action (Required): Create
  + CC\_Num (Required): Last 4 of CC number
  + ShippingAddress (Required): Address to be shipped to
  + CustomerID (Required): ID of order customer

Update Order

* Required Parameters
  + Action (Required): Update
  + Notes (Optional): Notes to be update to
  + Status (Optional): Status to be updated to
    - Valid Options
      * S
      * P

/Manager/CustomerManager.php

Create new Customer

* Required Parameters
  + Action (Required): Create
  + Name (Required): Customer name

**Web Pages:**

/Inventory.php: View All Items in the Inventory

* Details
  + A table showing all the products in the inventory and their details including ID, Name, Quantity Available
  + Each item needs to allow for a link to be clicked to access the /Item.php page to view further details about the product
* Endpoints Needed
  + /Managers/InventoryManager.php
    - GET w/o ID
    - POST
    - DELETE

/Item.php: View A Specific Item

* Inputs
  + URL
    - ID (Required): ID of the item to be viewed
* Endpoints Needed
  + /Managers/InventoryManager.php
    - GET w/ ID
    - PATCH
  + /Managers/CartManager.php
    - POST
* Details
  + Show the product details including ID, Name, Available Quantity
  + Form allowing for a specific number of items to be added to cart curling /CartManager.php through a POST request to add it to the cart

/Cart.php: View the current cart

* Details
  + Table showing all the items in the cart, their Name, Quantity, and Cost.
  + A section showing the current total cost of the products in the cart.
  + A button allowing the user to checkout
* Endpoints Needed
  + /Managers/CartManager.php
    - GET
    - PATCH
    - DELETE

/Checkout.php: Checkout everything in the cart

* Details
  + Table showing all the items in the cart, their Name, Quantity, and Cost.
  + A section showing the current total cost of the products in the cart.
  + A form allowing the user to enter their shipping address, notes, and CC Number
    - When the submit button is clicked a POST request is sent to /OrderManager.php to send out the order and the user is redirected to /Order.php with the OrderID in the URL
* Endpoints Needed
  + /Managers/OrderManager.php
    - POST

/Orders.php

* Details
  + Table showing all orders currently in the system and the details about the ID, Tracking Number, Order Total, Status
  + Links allowing for the user to go to /Order.php and view the more specific details about the order
* Endpoints Needed
  + /Managers/OrderManager.php
    - GET w/o ID
    - DELETE

/Order.php

* Inputs
  + URL
    - ID (Required): ID of the order to be viewed
* Endpoints Needed
  + /Managers/OrderManager.php
    - GET w/ ID
    - PATCH
* Details
  + A table showing the Order ID, Tracking Number, Order Date, Order Total, and Order Status
  + A table showing the shipping address
  + A section showing the Notes attached to the order
  + A table showing all the items that are in the order and the quantity that was purchased
  + A form with a drop-down to allow the status of the order to be changed

/Customers.php

* Details
  + A table showing all the customers in the system
  + A link to /Customer.php to show all the information about the customer
* Endpoints Needed
  + /Managers/CustomerManager.php
    - GET w/o ID
    - POST
    - DELETE

/Customer.php

* Inputs
  + URL
    - ID (Required): ID of the customer to be viewed
* Endpoints Needed
  + /Managers/CustomerManager.php
    - GET w/ ID
    - PATCH
* Details
  + A table showing the details about the customer
  + A table showing all the orders made by the customer
  + Links in the table to /Order.php to view the order