**API Endpoints**

/Managers/CartManager.php

* GET
  + Details
    - Get the items currently in the cart
  + Parameters
    - N/A
* PATCH
  + Details
    - Updates the items in the cart
  + Parameters
* POST
  + Details
    - Adds an item to the cart
  + Parameters
    - Body
      * ProductID (Required): ID of product to be added to cart
      * Quantity (Required): Quantity to add to the cart
* DELETE
  + Details
    - Delete an item from the cart
  + Parameters
    - URL
      * ProductID (Required): ID of product to be deleted

/Managers/InventoryManager.php

* GET
  + Details
    - Gets all products in the inventory
  + Parameters
    - N/A
* GET
  + Details
    - Gets all the details of a specific product
  + Parameters
    - URL
      * ID (Required): ID of a product in inventory
* PATCH
  + Details
    - Update information about a specific product
  + Parameters
    - URL
      * ID (Required): ID of product to update
    - Body: Parameters being updated
      * Stock (Optional): Int of quantity to set for the item
* POST
  + Details
    - Create a new product in the inventory
  + Parameters
    - Body
      * Name (Required): Name of the product
      * Quantity (Required): Quantity of the product in stock
      * Price (Required): Price of the product
* DELETE
  + Details
    - Delete a product from the inventory
  + Parameters
    - URL
      * ID (Required): ID of the product to be deleted

/Managers/OrderManager.php

* GET
  + Details
    - Gets all the orders in the system
  + Parameters
    - N/A
* GET
  + Details
    - Get the details of a specific order
  + Parameters
    - URL
      * ID (Required): ID of the order to retrieved
* GET
  + Details
    - Get all the order for a specific customer
  + Parameters
    - URL
      * CustomerID (Required): ID of customer to get orders for
* PATCH
  + Details
    - Update information about a specific order
  + Parameters
    - URL
      * ID (Required): ID of the order to be updated
    - Body
      * Status (Optional): Status to be updated to
* POST
  + Details
    - Create a new order
  + Parameters
    - Body
      * OrderDate (Required): Date of the order
      * CCNum (Required): Last 4 of CC Number for the order
      * ShippingAddress (Required): Address of the shipment
      * TrackingNum (Required): TrackingNumber of the order
      * TotalCost (Required): Total Cost of the order
      * Notes (Optional): Notes for the order
      * CustomerID (Required): ID of the customer purchasing the order
* DELETE
  + Details
    - Delete an existing order
  + Parameters
    - URL
      * ID (Required): ID of order to be deleted

/Manager/CustomerManager.php

* GET
  + Details
    - Get all the customers in the database
  + Parameters
    - N/A
* GET
  + Details
    - Get a specific customer from the database
  + Parameters
    - URL
      * ID (Required): ID of customer to retrieve
* PATCH
  + Details
    - Update the details of a specific customer
  + Parameters
    - URL
      * ID (Required): ID of customer to be updated
    - Body
      * CustomerName (Optional): New Name of customer
* POST
  + Details
    - Create a new customer
  + Parameters
    - Body
      * CustomerName (Required): Name of the customer
* DELETE
  + Details
    - Delete a specific customer
  + Parameters
    - URL
      * ID (Required): ID of customer to be deleted

**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