

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