

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
 - o Table showing all the items in the cart, their Name, Quantity, and Cost.
 - o A section showing the current total cost of the products in the cart.
 - o 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
 - o /Managers/OrderManager.php
 - POST

/Orders.php

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

/Order.php

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