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Sprint 0

This is a collection of APIs to interact with a catalog and shopping cart of a clothing store.

GET Get all items in catalog

> http://127.0.0.1:5000/catalogitems

Returns a list of all items currently in the store catalog.

Example Request   Get all items in catalog

```
GET /catalogitems HTTP/1.1
Host: 127.0.0.1:5000
```

POST Add item to cart

> http://127.0.0.1:5000/cart

Adds an item to the shopping cart and returns a list of the current items in the cart.

PARAMETERS

`item_id` (required) The id of the item from the store catalog intended to be added to the cart.

`quantity` The quantity of the item intended to be added to the cart. If `quantity` is not supplied, the API will assume a quantity of `1` and add one item to the cart.

BODY raw

```
{
    "item_id": "2",
    "quantity": 3
}
```

Add item to cart

```
POST /cart HTTP/1.1
Host: 127.0.0.1:5000
Content-Length: 41

{
    "item_id": "2",
    "quantity": 3
}
```

PATCH Remove item from cart

```
http://127.0.0.1:5000/cart
```

Removes an item from the shopping cart and returns a list of the current items in the cart.

PARAMETERS

`item_id` (required) The id of the item from the store catalog intended to be removed from the cart.

`quantity` The quantity of the item intended to be removed from the cart. If `quantity` is not supplied, the API will assume the entire quantity of the item should be removed from the cart.

BODY raw

```
{
    "item_id": "2",
    "quantity": 4
}
```

Example Request   Remove item from cart

```
PATCH /cart HTTP/1.1
Host: 127.0.0.1:5000
Content-Length: 41

{
    "item_id": "2",
    "quantity": 4
}
```

GET Get all items in cart

> http://127.0.0.1:5000/cart

Returns the contents of the shopping cart in a list called `items`, along with a `totals_due` object containing the calculated values for `total_items`, `subtotal`, `tax`, `shipping` and `final_total`.

Example Request   Get all items in cart

```
GET /cart HTTP/1.1
Host: 127.0.0.1:5000
```

DEL Clear contents of cart

> http://127.0.0.1:5000/cart

Clears the contents of the cart and returns the empty cart.

Example Request   Clear contents of cart

```
DELETE /cart HTTP/1.1
Host: 127.0.0.1:5000
```