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07/08/2023
WEB 420
Node Shopper API Unit Tests

createCustomer

Customers

POST /api/customers Creates a new customer document

API for adding a new customer document to MongoDB Atlas

Parameters Cancel Reset

No parameters

Request body application/json

Customer Information

```
{
  "firstName": "Mary",
  "lastName": "Austin",
  "userName": "mhaustin"
}
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:3000/api/customers' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "firstName": "Mary",
    "lastName": "Austin",
    "userName": "mhaustin"
  }'
```

Request URL

http://localhost:3000/api/customers

Server response

Code	Details
200	<p>Response body</p> <pre>{ "_id": "64a8b0eda3197cb50bf8d8fe", "firstName": "Mary", "lastName": "Austin", "userName": "mhaustin", "invoices": [], "__v": 0 }</pre> <p>Download</p> <p>Response headers</p> <pre>connection: keep-alive content-length: 117 content-type: application/json; charset=utf-8 date: Sat, 08 Jul 2023 00:42:21 GMT etag: W/"75--5hsk/3g+xQzZPcYLdeRNz42Ps" keep-alive: timeout=5 x-powered-by: Express</pre>

Responses

Code	Description	Links
200	Customer Added to MongoDB	No links
500	Server Exception	No links
501	MongoDB Exception	No links

findAllInvoicesByUserName

Method: GET
Endpoint: http://localhost:3000
Resource: /api/customers/{userName}/invoices

Name	Value	Style	Level
userName	mhaustin	TEMPLATE	RESOURCE

```
{
  "_id": "64a8b0eda3197cb50bf8d8fe",
  "firstName": "Mary",
  "lastName": "Austin",
  "userName": "mhaustin",
  "invoices": [
    {
      "_id": "64a8b45661b70ab670b23172",
      "subtotal": 12.5,
      "tax": 1.25,
      "dateCreated": "07/07/2023",
      "dateShipped": "07/10/2023",
      "lineItems": [
        {
          "_id": "64a8b45661b70ab670b23173",
          "name": "Ring",
          "price": 12.5,
          "quantity": 1
        }
      ]
    },
    {
      "_id": "64a8b5e4724130b6c2cfde9a",
      "subtotal": 26.75,
      "tax": 2.68,
      "dateCreated": "07/07/2023",
      "dateShipped": "07/10/2023",
      "lineItems": [
        {
          "_id": "64a8b5e5724130b6c2cfde9b",
          "name": "Earrings",
          "price": 13.5,
          "quantity": 1
        }
      ]
    }
  ]
}
```

response time: 150ms (721 bytes)

createInvoiceByUserName

Method: POST
Endpoint: http://localhost:3000
Resource: /api/customers/{userName}/invoices

Name	Value	Style	Level
userName	Austin	TEMPLATE	RESOURCE

Media Type: application/json

```
{
  "subtotal": 14.00,
  "tax": 1.40,
  "dateCreated": "07/08/2023",
  "dateShipped": "07/08/2023",
  "lineItems": [
    {
      "name": "Cheese",
      "price": 14.00,
      "quantity": 1
    }
  ]
}
```

```
{
  "_id": "64a9e54e31b3e/c33//T342t",
  "lineItems": []
},
{
  "_id": "64a9e7e631b3e7c3377f3433",
  "subtotal": 34,
  "tax": 3.4,
  "dateCreated": "07/08/2023",
  "dateShipped": "07/08/2023",
  "lineItems": [
    {
      "_id": "64a9e7e631b3e7c3377f3434",
      "name": "Steak",
      "price": 34,
      "quantity": 1
    }
  ]
},
{
  "_id": "64a9eb0031b3e7c3377f3436",
  "subtotal": 14,
  "tax": 1.4,
  "dateCreated": "07/08/2023",
  "dateShipped": "07/08/2023",
  "lineItems": [
    {
      "_id": "64a9eb0031b3e7c3377f3437",
      "name": "Cheese",
      "price": 14,
      "quantity": 1
    }
  ]
}
],
}
```

response time: 74ms (570 bytes)