Shopping site API Doc

Endpoint: http://localhost:3000/shopping/users

Description	Method + Path	Request / Response

User login	POST /login	**Request:** {
		  mail: "user1@gmail.com",
		  password: "*******",
		Response: {
		"**token**": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI1ZTMxZjRjMjRlYzcyMzA5ZjMwY2VhZGIiLCJJRCI6IjEiLCJtYWlsIjoidXNIcjFAZ21haWwuY29tIiwicGFzc3dvcmQiOm51bGwsIl9fdiI6MCwiY2l0eSI6IteZ16jXldep15zXmdedIiwiZmlyc3ROYW1IIjoidXNIciIsImxhc3ROYW1IIjoiMSIsInJvbGUiOiJ1c2VyIiwic3RyZWV0IjoidXNIciAxIHN0cmVldCIsImlhdCI6MTU4NDk3NTkxMSwiZXhwIjoxNTg0OTc5NTExfQ.M1Vt5SANo3rUy1w4qnYtQ0cEXrH0otP7GfL-1ZSVdwk",
		
		  "**user**": {
		    "_id": "5e31f4c24ec72309f30ceadb",
		    "ID": "1",
		    "mail": "user1@gmail.com",
		    "password": null,
		    "__v": 0,
		    "city": "ירושלים",
		    "firstName": "user",
		    "lastName": "1",
		    "role": "user",
		    "street": "user 1 street"
		  }
		
		}

User register	POST /register	**Request:** {
		  firstName: "user",
		  lastName: "1",
		  mail: "user1@gmail.com",
		  ID: "999999999",
		  password: "*******",
		  city: "Tel-Aviv",
		  street: "29 Homa Umigdal Street",
		}
		Response: {
		  message: "user saved!",
		  status: "Step1 OK"
		}

Endpoint: http://localhost:3000/shopping/api/products

Description	Method + Path	Request / Response

Add new category to products category list	POST /new-category	Request: {name}
		Response: {
		   "message": "Category saved!",
		   "status": "OK"
		}

Get product categories list	Get /category-list	Request: {}
		Response: [
		   {
		     "_id": "5e3c671dc9bdc908dfe5e2aa",
		     "name": "Milk & Eggs",
		     "__v": 0
		   },
		   {
		     "_id": "5e3f2b7131b4c20c049397a1",
		     "name": "Bread & Pastries",
		     "__v": 0
		   }
		]

Add new product	POST /add-new-product	Request: {
		  productName: "apple",
		  productPrice: 5,
		  productPicture: Image File,
		  productCategory: "Meat & Fish"
		}
		Response: {
		   "message": "New product has been add!",
		   "product": {
		     "_id": "5e78d62267ff7b105c289ac2",
		     "productName": "apple",
		     "productPicture": "Folder Empty.ico",
		     "productCategory": "5e3c677ed3a43e08df3bafaa",
		     "__v": 0,
		     "productPrice": 5
		   }
		}

Description	Method + Path	Request / Response

Edit product	PUT
	/edit-product
		Request: {
		 _id: "5e78d62267ff7b105c289ac2",
		 productName: "apple",
		 productPrice: 5,
		 productPicture: Image File,
		 productCategory: "Meat & Fish"
		}
		Response: {
		  "message": "The product has been updated!",
		  "product": {
		   "_id": "5e78d62267ff7b105c289ac2",
		   "productName": "apple",
		   "productPicture": "Folder Empty.ico",
		   "productCategory": "5e3c677ed3a43e08df3bafaa",
		   "__v": 0,
		   "productPrice": 5
		  }
		}

Get all products	GET
	/all-products
		Request: {}
		Response: [
		  {
		   "_id": "5e44149ede255d1075f0ee97",
		   "productName": "milk",
		   "productPrice": 5.5,
		   "productPicture": "images/Folder Empty.ico",
		   "__v": 0,
		   "productCategory": {
		    "_id": "5e3c671dc9bdc908dfe5e2aa",
		    "name": "Milk & Eggs"
		   }
		  },
		  {
		   "_id": "5e445786e88d7c1209b9b3e3",
		   "productName": "bread",
		   "productPrice": 6,
		   "productPicture": "images/Folder Empty.ico",
		   "__v": 0,
		   "productCategory": {
		    "_id": "5e3f2b7131b4c20c049397a1",
		    "name": "Bread & Pastries",
		    "__v": 0
		   }
		  }
		]

Description	Method + Path	Request / Response

Get products by category _id.	GET /products/ :category_id
	
	(5e3c671dc9bdc90 8dfe5e2aa)
		Request:
		Response: [
		  {
		    "_id": "5e44149ede255d1075f0ee97",
		    "productName": "milk",
		    "productPrice": 5.5,
		    "productPicture": "images/Folder Empty.ico",
		    "__v": 0,
		    "productCategory": {
		      "_id": "5e3c671dc9bdc908dfe5e2aa",
		      "name": "Milk & Eggs"
		    }
		  },
		  {
		    "_id": "5e49a3ccd81ac6065cf38536",
		    "productName": "30 Eggs",
		    "productPrice": 24,
		    "productPicture": "images/Folder Empty.ico",
		    "__v": 0,
		    "productCategory": {
		      "_id": "5e3c671dc9bdc908dfe5e2aa",
		      "name": "Milk & Eggs"
		    }
		  }
		]

All products count	GET /products/num-of-products	Request: {}
		Response: {
		  "numOfProducts": 16
		}

Endpoint: http://localhost:3000/shopping/api/cart-and-orders

Description	Method + Path	Request / Response

Get all user carts	POST /get-user-carts	Request: {id: userID}
		Response: {
		  "message": "userCarts:",
		  "status": "OK",
		  "userCarts": [
		    {
		      "_id": "5e78a2a152cd2b0a33d3e13a",
		      "clientID": "5e31f4c24ec72309f30ceadb",
		      "date": "2020-03-23T11:50:57.599Z",
		      "totalPrice": 0,
		      "cartItems": [
		        {
		          "_id": "5e78afb1fad4f90be3ff6db5",
		          "productID": {
		            "_id": "5e445c02d80c67128fc11844",
		            "productName": "Banana 1Kg",
		            "productPrice": 6,
		            "productPicture": "Folder Empty.ico",
		            "__v": 0,
		            "productCategory": "5e3c6767d3a43e08df3bafa9"
		          },
		          "quantity": 5
		        },
		        {
		          "_id": "5e78afbcfad4f90be3ff6db6",
		          "productID": {
		            "_id": "5e72a749b26a15075250bf87",
		            "productName": "product 1 to edit",
		            "productPrice": 0,
		            "productPicture": "1584964340664-cascade-daylight-ein-gedi-2102626.jpg",
		            "__v": 0,
		            "productCategory": "5e3c677ed3a43e08df3bafaa"
		          },
		          "quantity": 8
		        }
		      ],
		      "__v": 9
		    },
		    {
		      "_id": "5e7170a5a1055f0fc2f8725a",
		      "clientID": "5e31f4c24ec72309f30ceadb",
		      "date": "2020-03-18T00:51:49.190Z",
		      "totalPrice": 0,
		      "cartItems": [
		        {
		          "_id": "5e7170aba1055f0fc2f8725b",
		          "productID": {
		            "_id": "5e44149ede255d1075f0ee97",
		            "productName": "milk",
		            "productPrice": 5.5,
		            "productPicture": "Folder Empty.ico",
		            "__v": 0,
		            "productCategory": "5e3c671dc9bdc908dfe5e2aa"
		          },
		          "quantity": 1
		        },
		        {

Description	Method + Path	Request / Response

get the latest user cart	POST /get-user-cart	Request: {id: userID}
		Response: {
		  "message": "userCart:",
		  "status": "OK",
		  "userCart": {
		    "_id": "5e78a2a152cd2b0a33d3e13a",
		    "clientID": "5e31f4c24ec72309f30ceadb",
		    "date": "2020-03-23T11:50:57.599Z",
		    "totalPrice": 30,
		    "cartItems": [
		      {
		        "_id": "5e78afb1fad4f90be3ff6db5",
		        "productID": {
		          "_id": "5e445c02d80c67128fc11844",
		          "productName": "Banana 1Kg",
		          "productPrice": 6,
		          "productPicture": "images/Folder Empty.ico",
		          "__v": 0,
		          "productCategory": "5e3c6767d3a43e08df3bafa9"
		        },
		        "quantity": 5
		      },
		      {
		        "_id": "5e78afbcfad4f90be3ff6db6",
		        "productID": {
		          "_id": "5e72a749b26a15075250bf87",
		          "productName": "product 1 to edit",
		          "productPrice": 0,
		          "productPicture": "images/1584964340664-cascade-daylight-ein-gedi-2102626.jpg",
		          "__v": 0,
		          "productCategory": "5e3c677ed3a43e08df3bafaa"
		        },
		        "quantity": 8
		      }
		    ],
		    "__v": 9
		  }
		}

Create new cart	POST /open-new-cart	Request: {id: user_id}
		Response: {
		  "message": "New cart created!",
		  "status": "OK",
		  "isInsert": {
		    "_id": "5e78f6f78e0169110e6ddba4",
		    "clientID": "5e31f4c24ec72309f30ceadb",
		    "date": "2020-03-23T17:50:47.008Z",
		    "totalPrice": 0,
		    "cartItems": [],
		    "__v": 0
		  }
		}

Description	Method + Path	Request / Response

Add item to cart	POST /add-item-to-cart	Request: {
		  shoppingCartID: shoppingCart_id,
		  productID: product_id,
		  quantity: 5
		}
		Response: {
		  "message": "item saved!",
		  "status": "OK",
		  "cart": {
		    "_id": "5e78a2a152cd2b0a33d3e13a",
		    "clientID": "5e31f4c24ec72309f30ceadb",
		    "date": "2020-03-23T11:50:57.599Z",
		    "totalPrice": 60,
		    "cartItems": [
		      {
		        "_id": "5e78afb1fad4f90be3ff6db5",
		        "productID": {
		          "_id": "5e445c02d80c67128fc11844",
		          "productName": "Banana 1Kg",
		          "productPrice": 6,
		          "productPicture": "images/Folder Empty.ico",
		          "__v": 0,
		          "productCategory": "5e3c6767d3a43e08df3bafa9"
		        },
		        "quantity": 5
		      },
		      {
		        "_id": "5e78afbcfad4f90be3ff6db6",
		        "productID": {
		          "_id": "5e72a749b26a15075250bf87",
		          "productName": "product 1 to edit",
		          "productPrice": 0,
		          "productPicture": "images/1584964340664-cascade-daylight-ein-gedi-2102626.jpg",
		          "__v": 0,
		          "productCategory": "5e3c677ed3a43e08df3bafaa"
		        },
		        "quantity": 8
		      },
		      {
		        "_id": "5e78f9e0c1142d111c836fe8",
		        "productID": {
		          "_id": "5e445c02d80c67128fc11844",
		          "productName": "Banana 1Kg",
		          "productPrice": 6,
		          "productPicture": "images/Folder Empty.ico",
		          "__v": 0,
		          "productCategory": "5e3c6767d3a43e08df3bafa9"
		        },
		        "quantity": 5
		      }
		    ],
		    "__v": 10
		  }
		}

Description	Method + Path	Request / Response

DELETE item/s from cart	DELETE delete-from-cart
	
	(work only in my angular client, In postman not working).
		Request: {
		  place: 1,
		  cartId: '5e78f6f78e0169110e6ddba4' }
		Response: {
		  message: "item deleted!",
		  status: "OK"
		}

Post order the cart	POST /order-the-cart	Request: {
		order:
		 { city: 'ירושלים',
		  street: 'user 1 street',
		  shippingDate: '2020-03-23',
		  creditCart: 1234123412341234 },
		 cart:
		 { _id: '5e7909aa30a7b903f593c168',
		  clientID: '5e31f4c24ec72309f30ceadb',
		  date: '2020-03-23T19:10:34.414Z',
		  totalPrice: 33,
		  cartItems: [[Object]],
		  __v: 1 } }
		Response: {
		 message: "the cart orderd!",
		 status: "OK",
		 cart: {…}
		}

Check if cart is ordered	POST /check-if-cart-is-ordered	Request: {id: cart_id}
		Response: {
		  "cartIsOrderd": false
		}

GET num of orders	GET /num-of-orders	Request: {id: cart_id}
		Response: {
		  "cartIsOrderd": true/false
		}