

RESTful API

<u>Verb + URI</u>	<u>Parameters</u>	<u>Body</u>	<u>Description</u>	<u>Response status and body (when successful)</u>	<u>Response status and body (when failed)</u>
GET /products	None	None	Gets all of the products in the database.	200 - OK Data: All products as JSON's	400 - BAD REQUEST
GET /products/:id	ID: The id of the product	None	Gets a single product specified by its id.	200 - OK Data: Single product JSON	400 - BAD REQUEST
POST /product	None	productName, productDesc, price	Creates a new product with the specified details	201 - CREATED	400 - BAD REQUEST
POST /register	None	username, password, email, firstName, lastName, address	Creates a new user with the specified details, if the username doesn't exist already. Passwords are hashed before being stored. If successful a userToken is returned.	201 - CREATED Data: JWT for user session	400 - BAD REQUEST 409 - CONFLICT
PUT /login	None	username, password	Returns JWT if the request has a valid username and password	200 - OK Data: JWT for user session	400 - BAD REQUEST 401 - UNAUTHORIZED 404 - NOT FOUND
GET /user	None	JWT as header	Returns all of the user details of the authenticated user	200 - OK Data: user details as JSON	400 - BAD REQUEST
POST /cart	None	JWT as header, productID	Adds the specified item to the authenticated users cart	201 - CREATED	400 - BAD REQUEST
DELETE /cart/:id	ID: The id of the product	JWT as header	Removes the specified item from the authenticated users cart	204 - NO CONTENT	400 - BAD REQUEST
GET /cart		JWT as header	Returns all of the items in the users cart and the total prices	200 - OK Data: All items in the users cart as JSON with totalPrice field	400 - BAD REQUEST