Activity 5 Part 2: Data Transfer Objects

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Screenshots:

A screenshot of a computer

Description automatically generated

Here we tested the index page of the api which shows all of the products. Here we can see the newly added ProductDTO with edited fields shown to the user.

A screenshot of a computer

Description automatically generated

In this screenshot we used the searchproducts method to show all products with the keyword “Corn”.

A picture containing text, software, multimedia software, screenshot

Description automatically generated

Here we did the showoneproduct method through the api for product id 9. The screenshot shows the result of this search.

Summary of key concepts:

In this part of the activity we then added on to the RESTful API to edit what the API displays to the secondary user through a Data Transfer Object. We added a new file ProductDTO to select what information is sent to the user and what would be ignored in order to protect private information. In this case we added a short description form of the description and the tax that would be added to the product. This activity shows us that there is a way to protect certain information while setting up an API for public use.