

HUMMEL Warehouse Management System

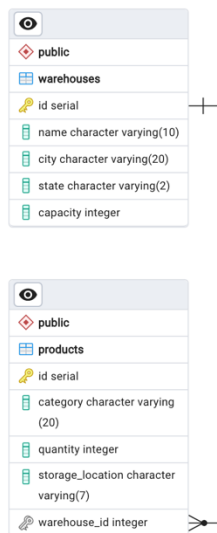
An application for Hummel to manage their warehouses across the US.

Frameworks

- Spring Boot (backend)
- React JS (frontend)

Database

Below is the schema of the warehouse and product database. Warehouse as a one-to-many relationship with the product.



Features

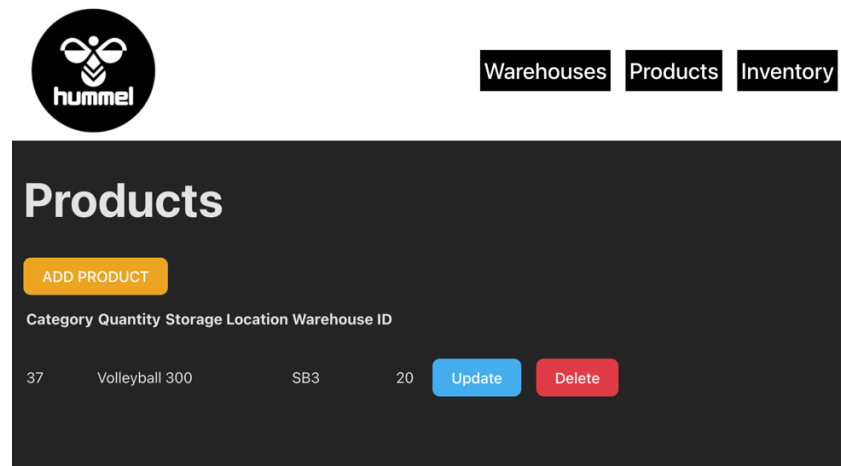
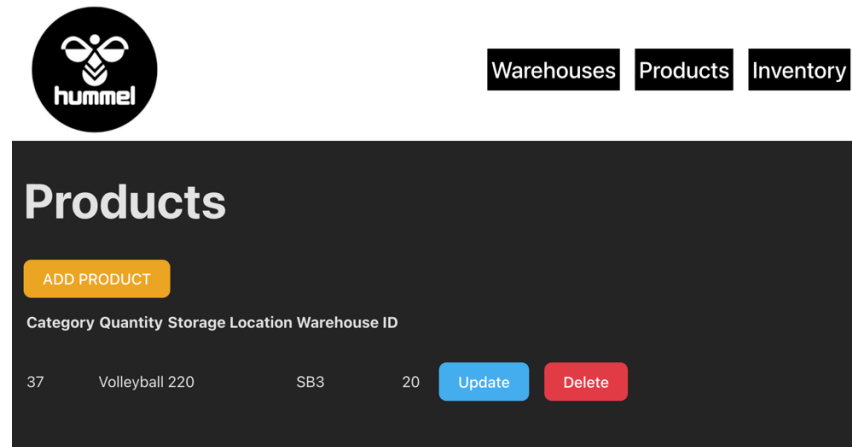
All CRUD requests are working. However, to update a warehouse and product, my application currently requests all the information for the items we want to update including the id. My application needs to improve this feature by using placeholders with all the information of the item we want to update and let the user only update the fields they need to update.

Features Not Presented but it is working

During my presentation I forgot to show that I can also DELETE and UPDATE a product. Below are some screenshots showing that my application can do those CRUD requests.

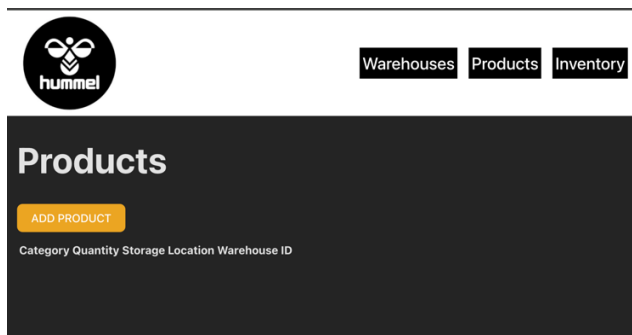
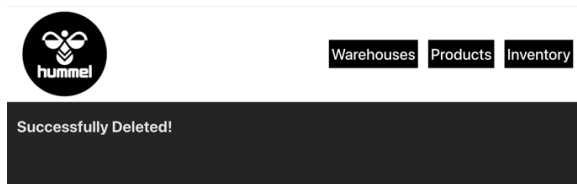
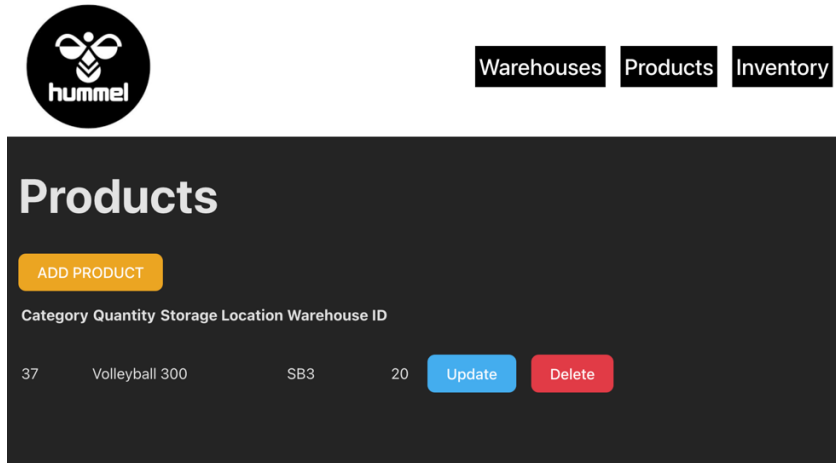
UPDATE

Updating product quantity in the warehouse



DELETE

Deleting a product from the warehouse



How to use

Start the backend *WarehouseManagementApplication()*. This will start the program using the Spring Boot framework and makes the connection to the Postgres database. We can run the backend using tools like Postman using the <http://localhost:8080/> url.

Then, we can run our application on browser like Chrome to interact with the frontend.