**ID: 23192**

**Name: BYENDA Isaac**

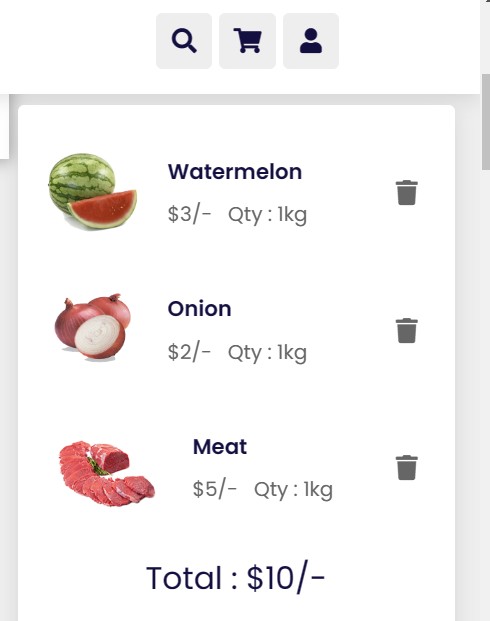
**Web technology Project (Part II)**

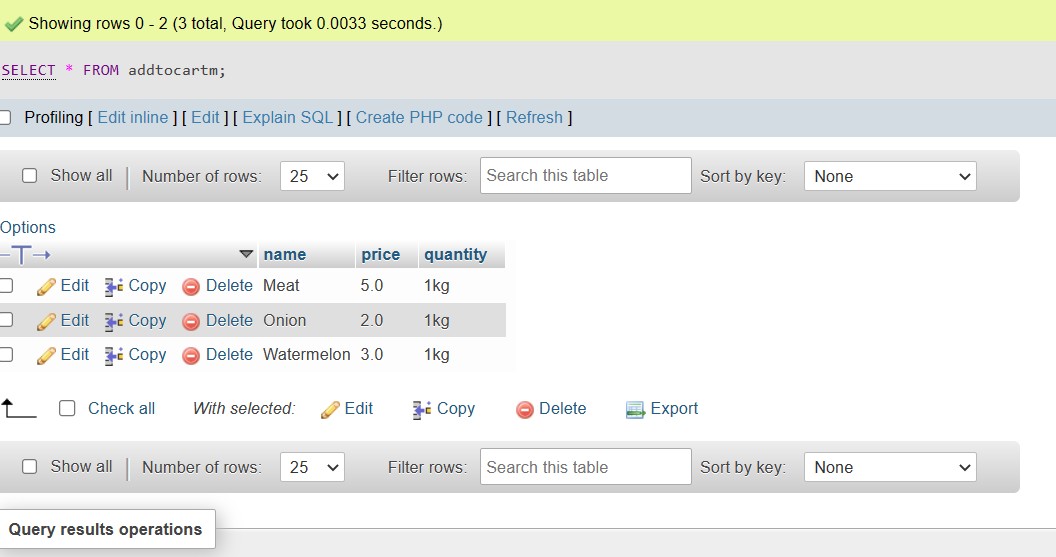
# Implementing features using MVC

* Categories

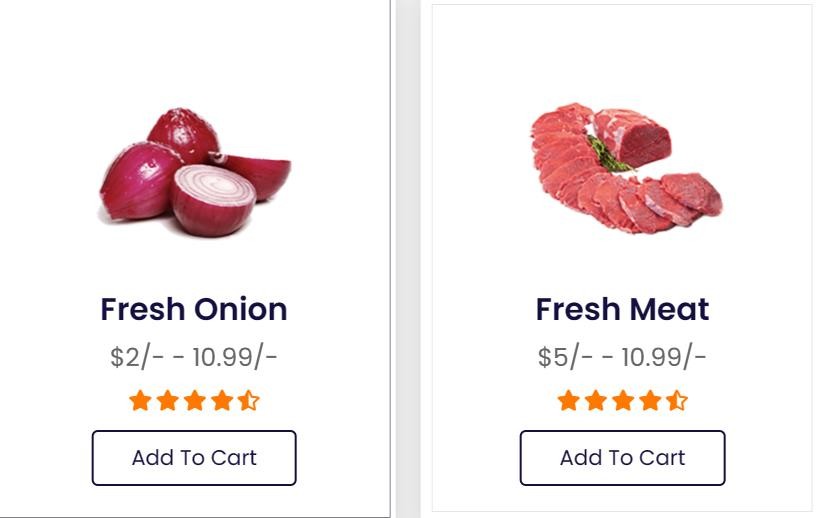


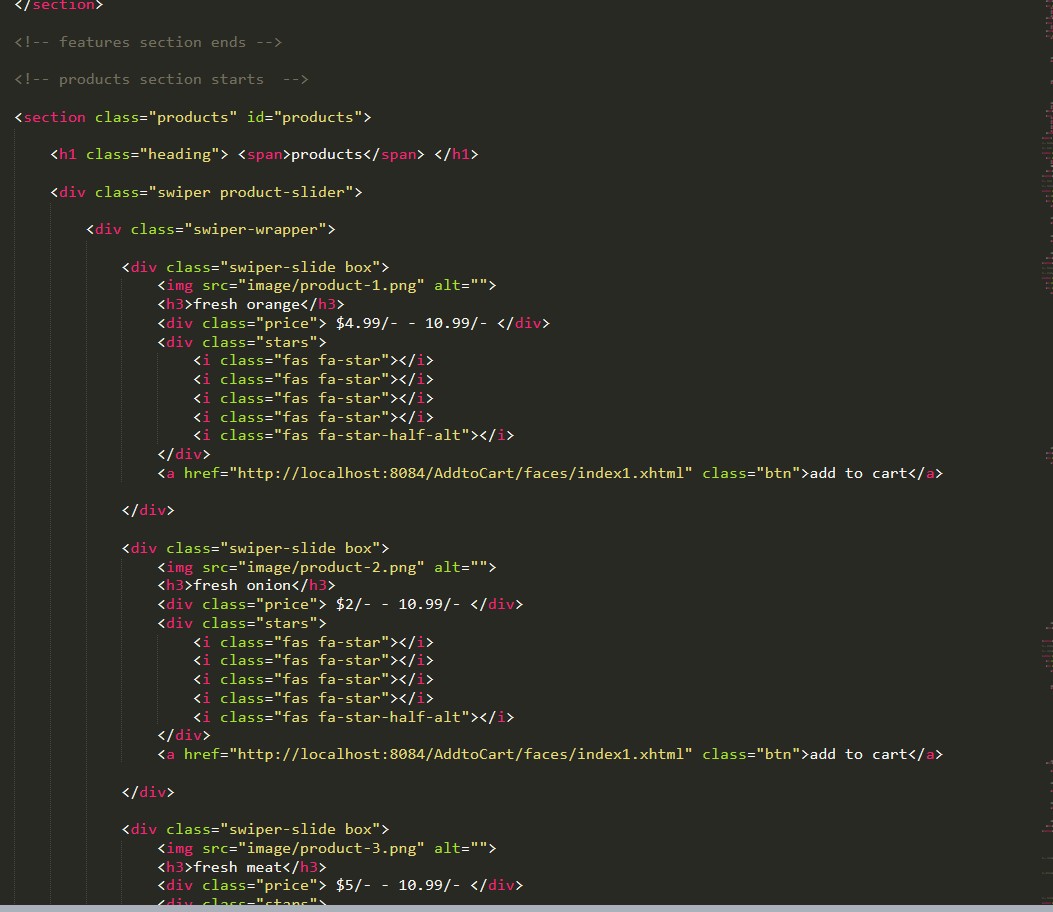
* Adding to items cart and removing items from cart

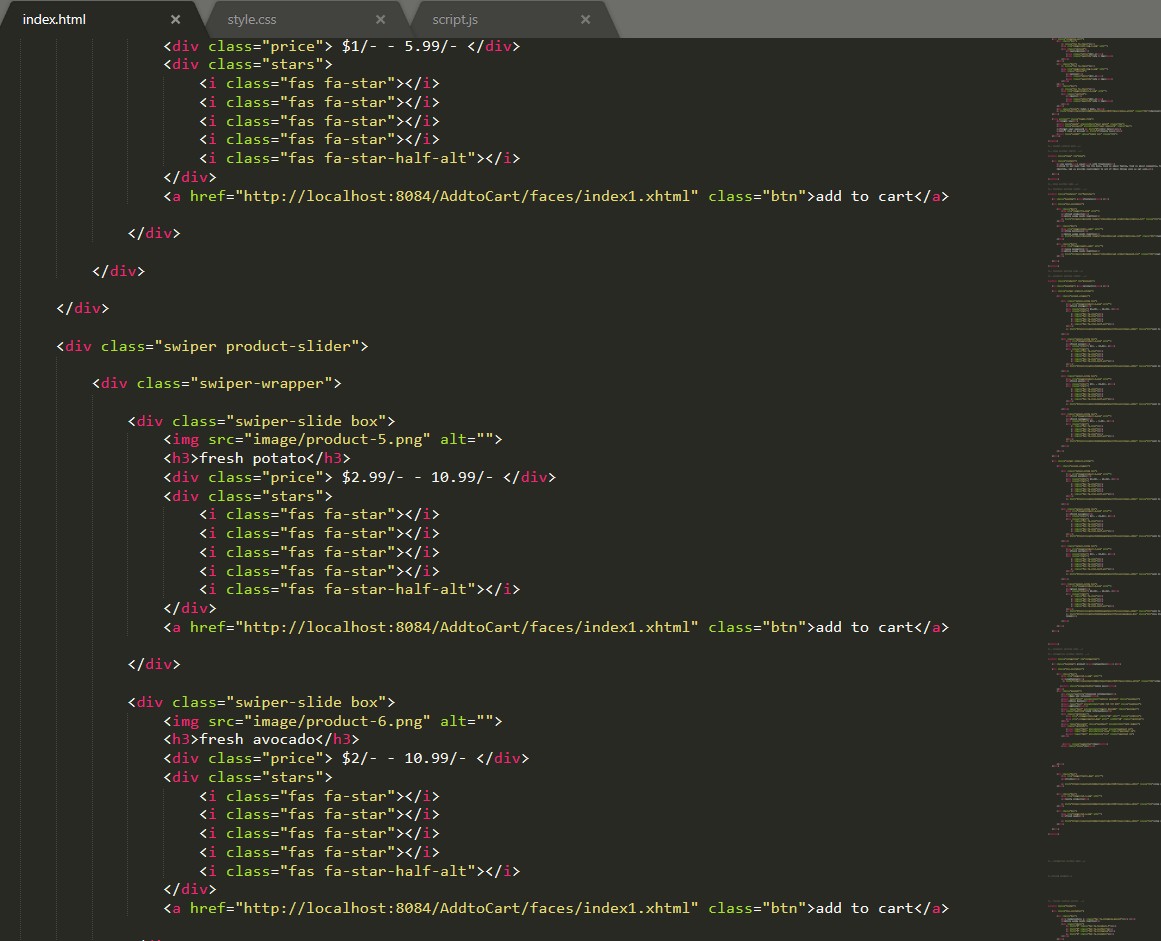




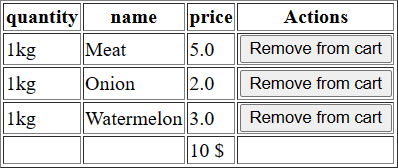
Add to cart View

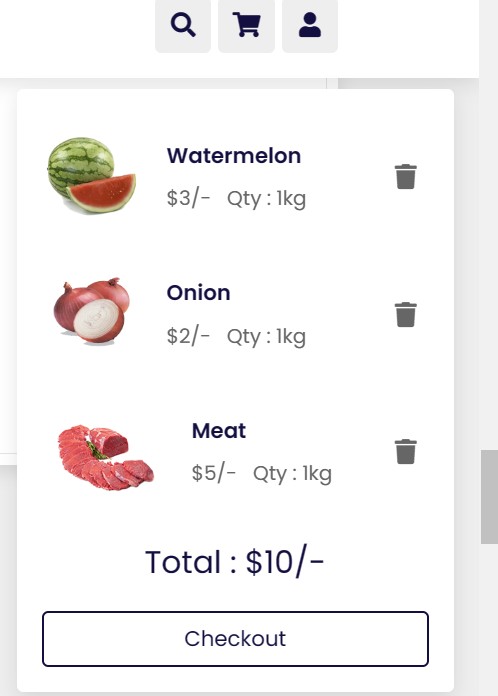




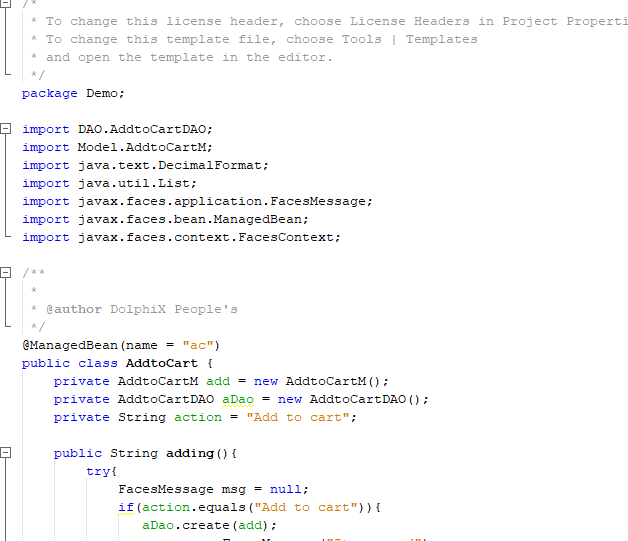


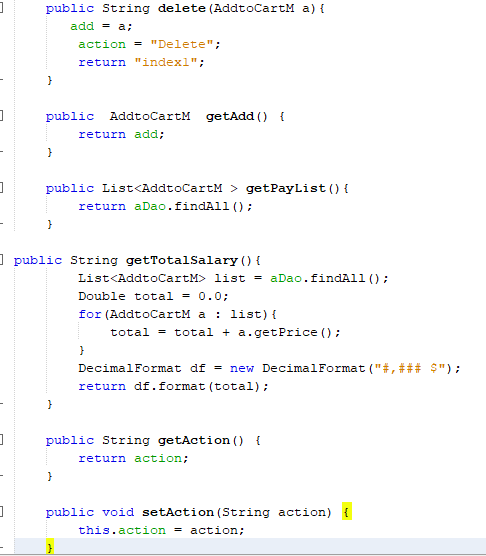






Add(&Remove) to/from cart Controller

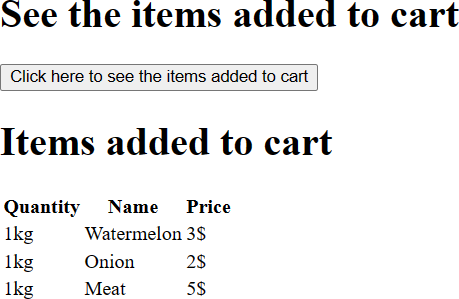




Add (& Remove) to/from cart Model



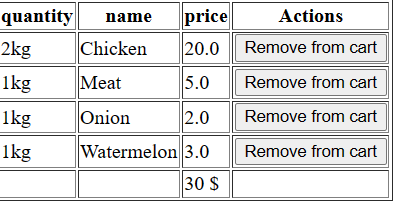
**Seeing items in the cart using Ajax**



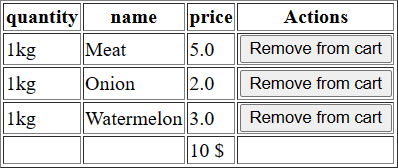


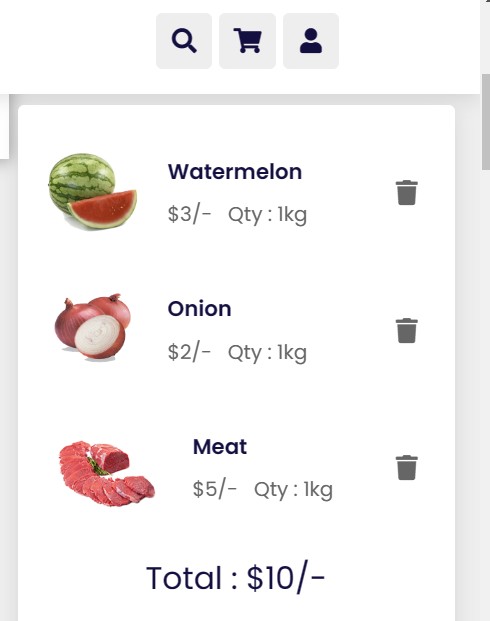
* **Demonstration for items removal**

We can see that we added chicken into the cart



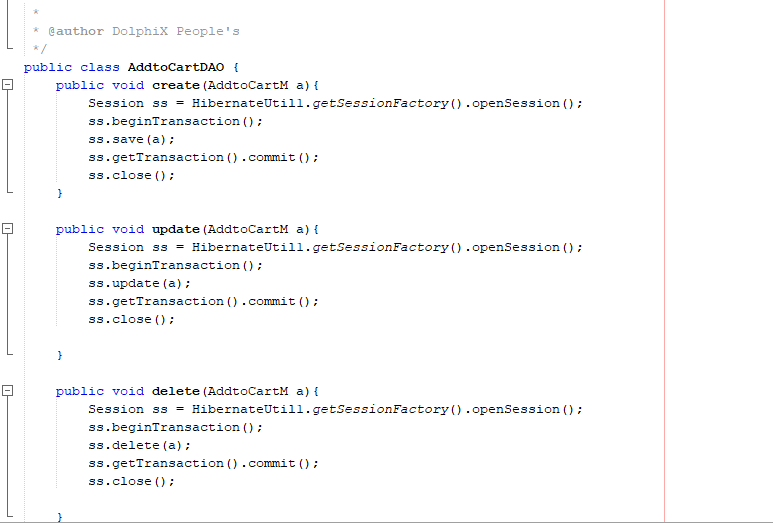
After removing the chicken, we have the following:



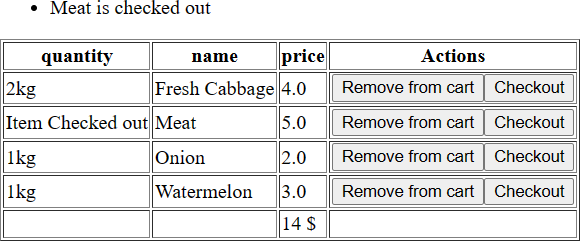


# Checkout Products from Cart

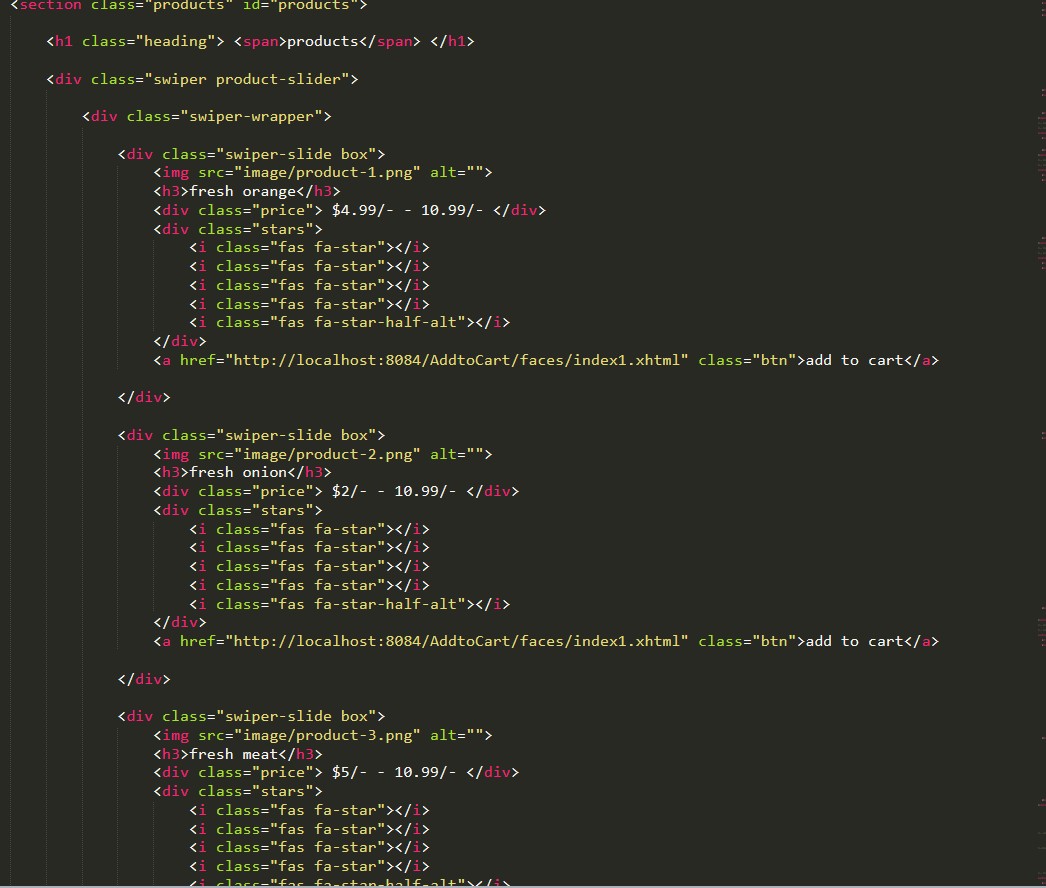
Model



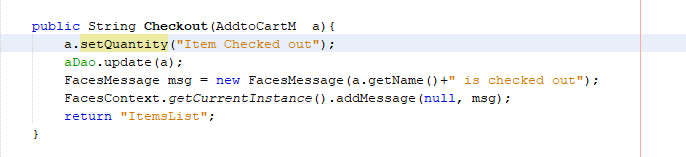
View







**Controller**

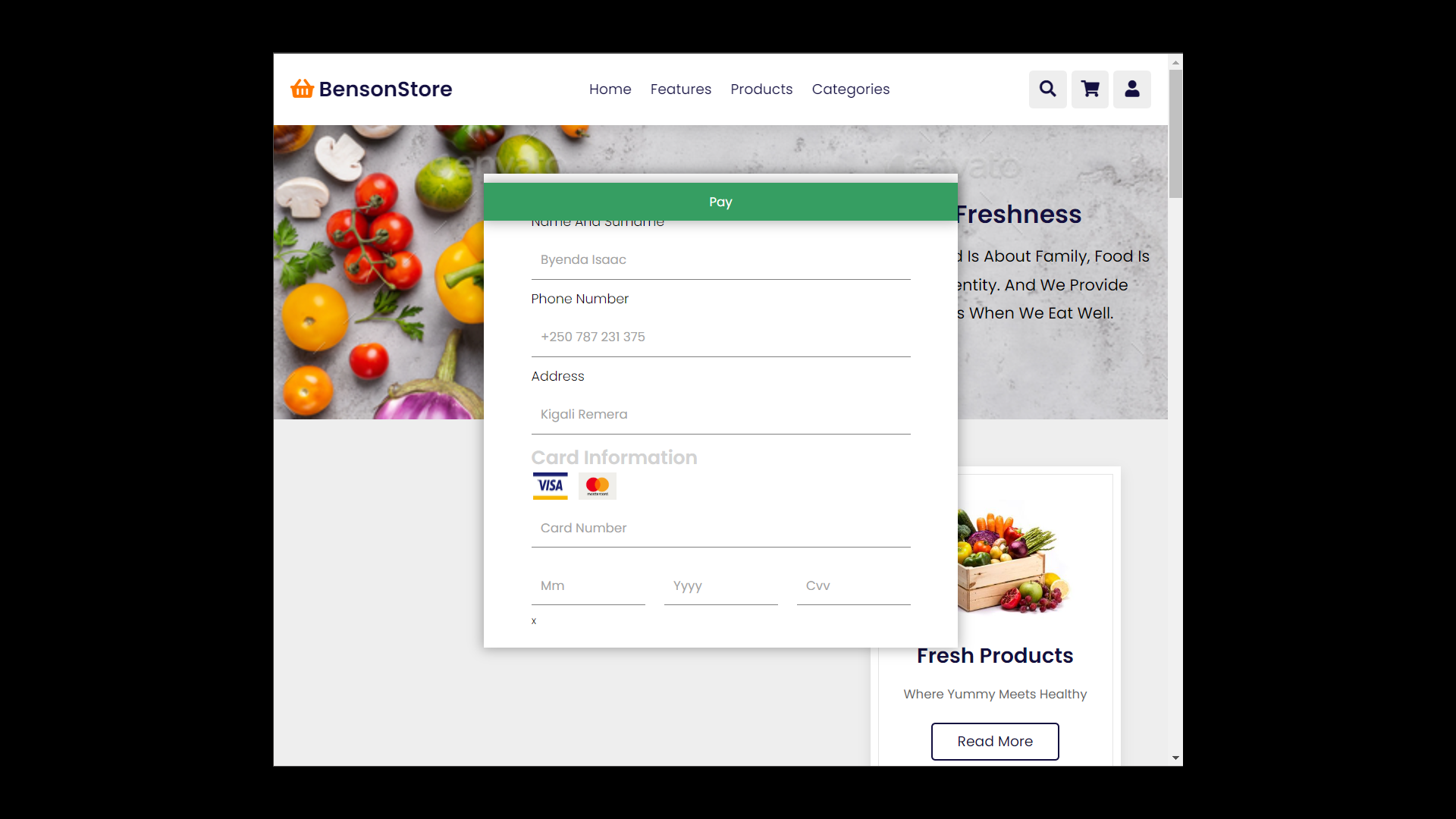


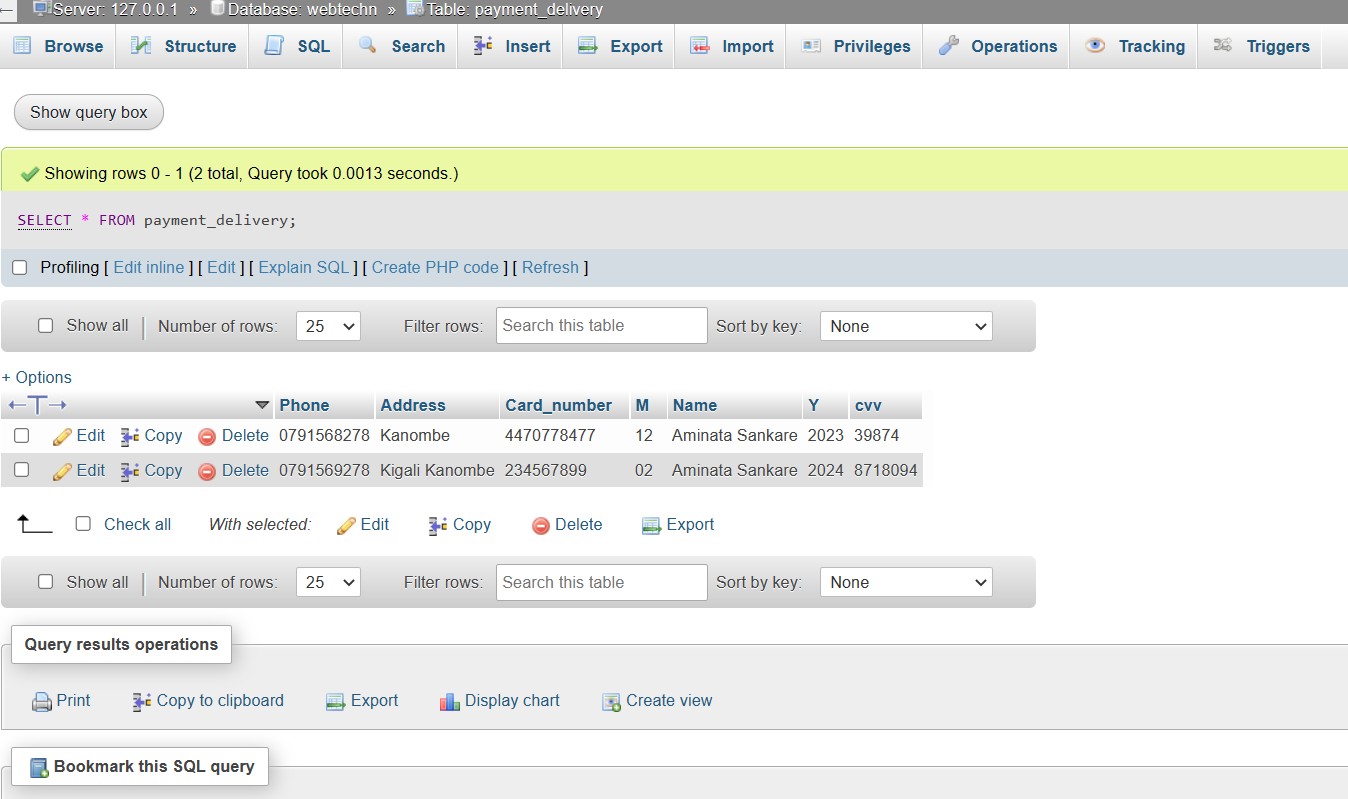
* **Shop items**

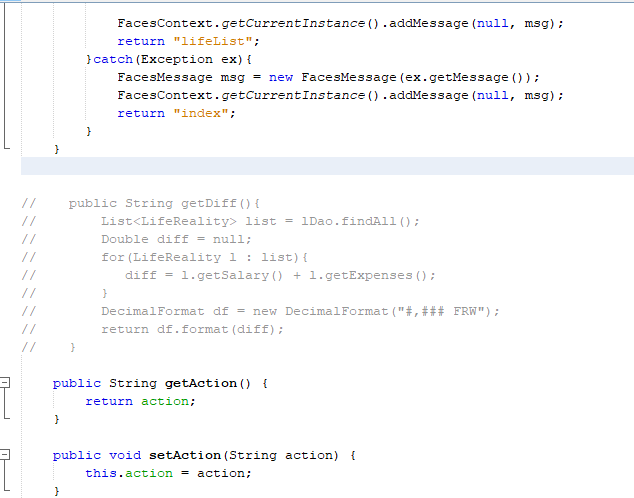


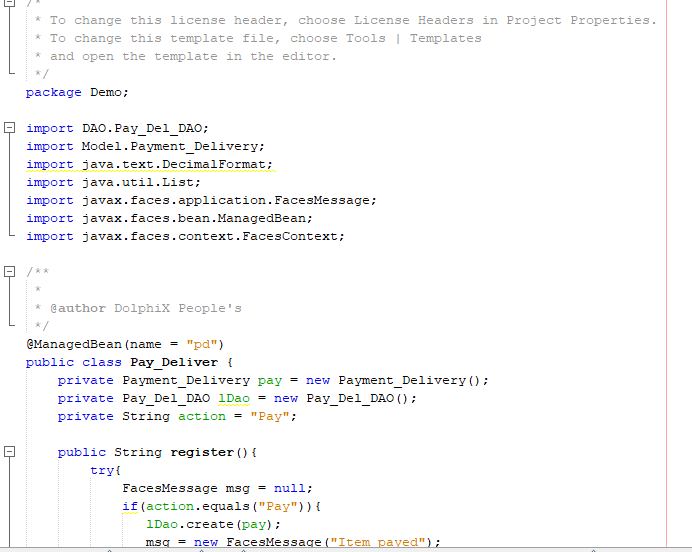


* + **Payment**

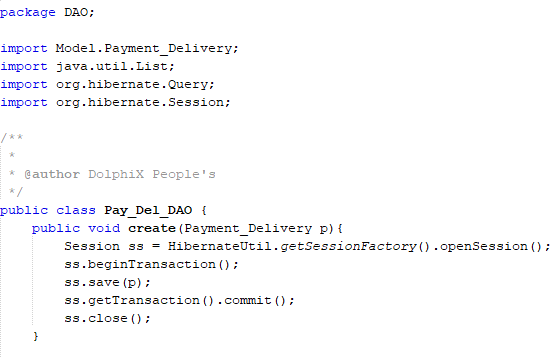




Controller

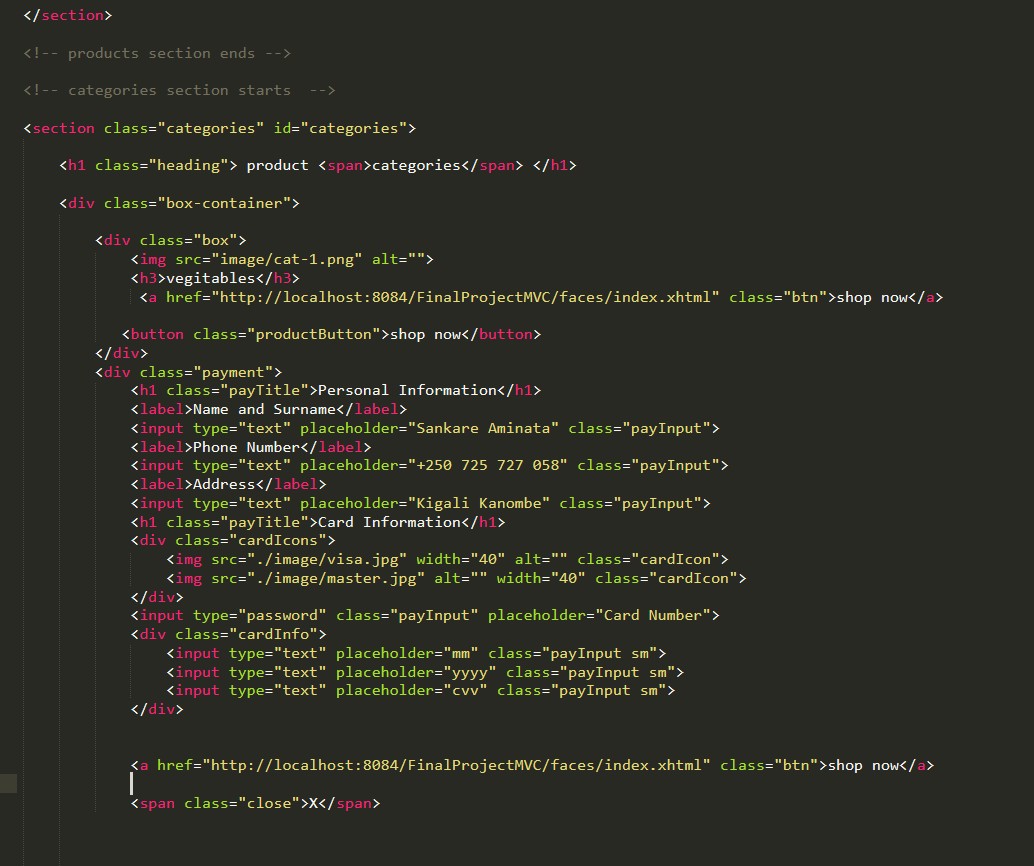


Payment model



Payment View



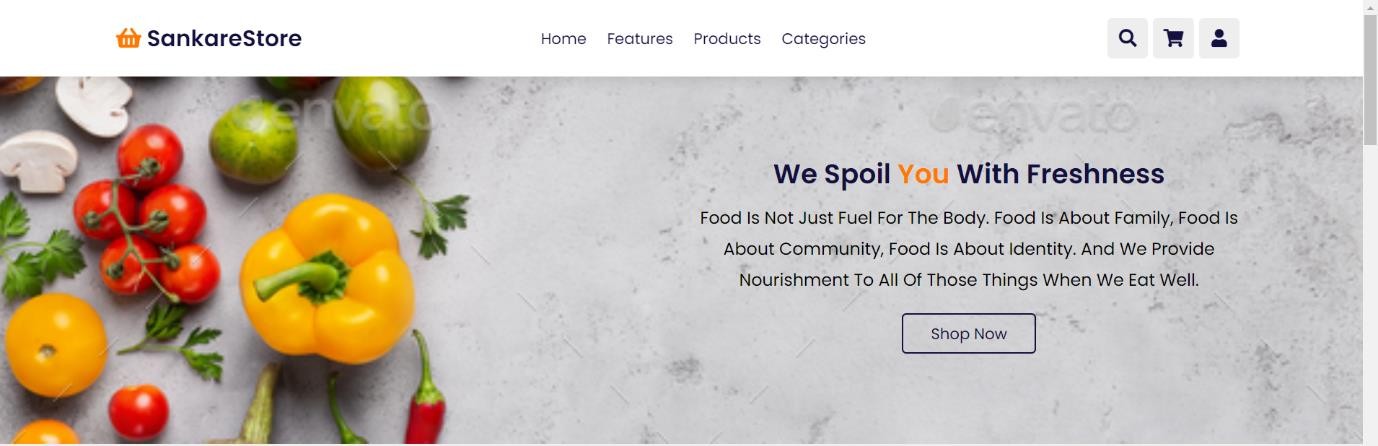


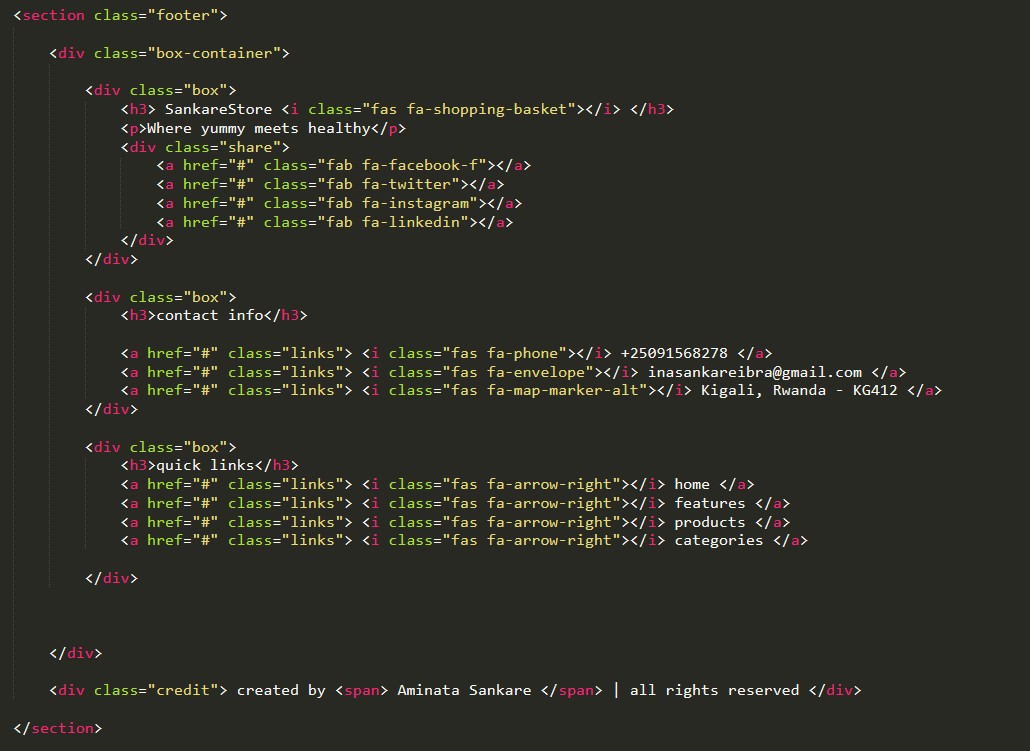
**Note:** The delivery is done when the customer shops some products. The address and the phone number of the customer provided while making the payment will be used to deliver the products to that customer’s place.

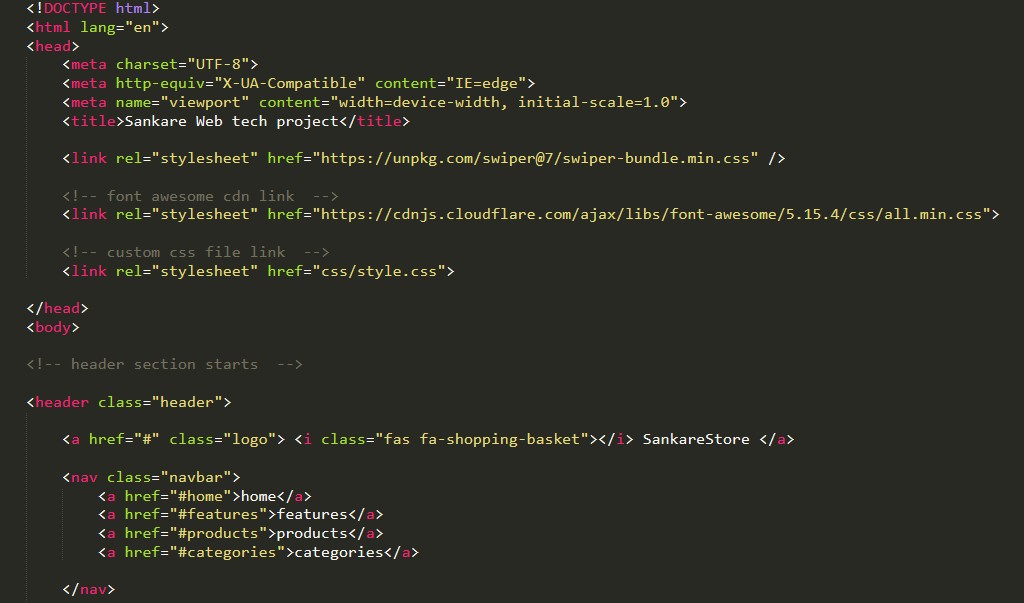
# Implementing 2 non-functional requirements

**Usability:** We can see that the user can easily achieve their target in a single page visit. The web app is easy to use for even a non-technical user.

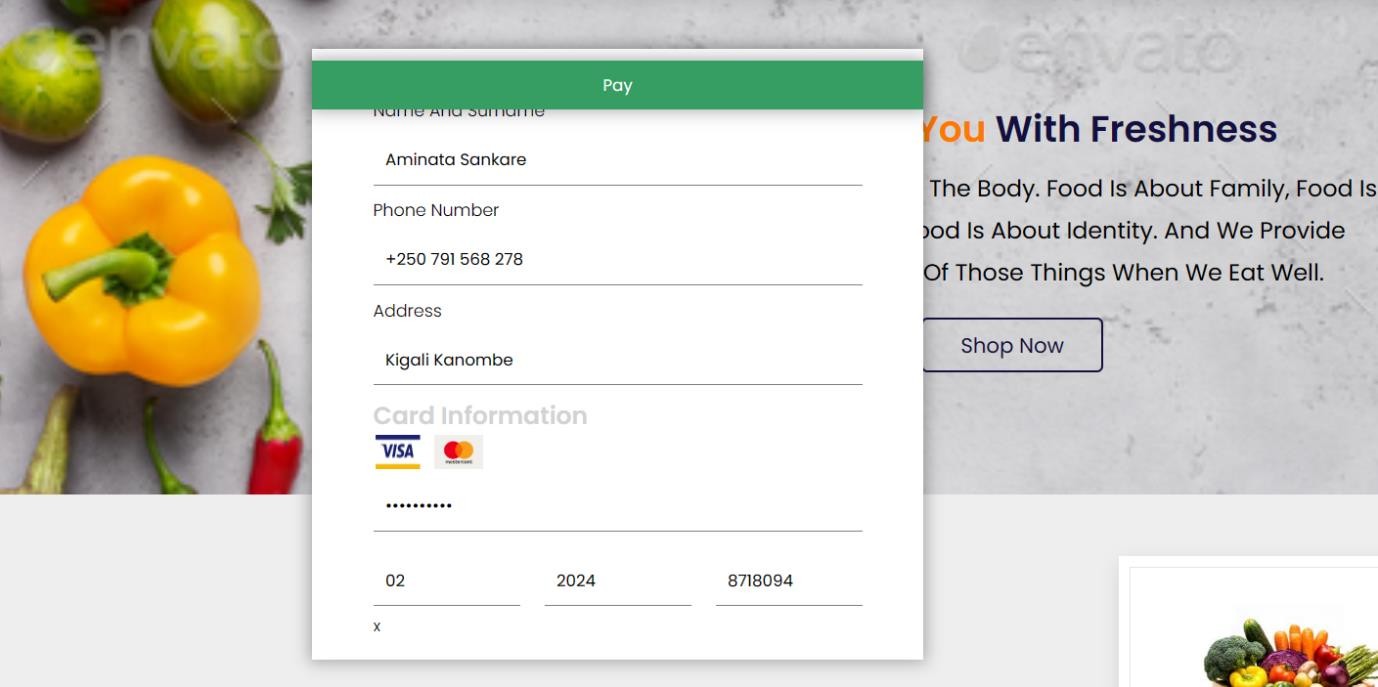
The web application is totally user friendly.



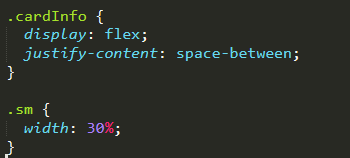




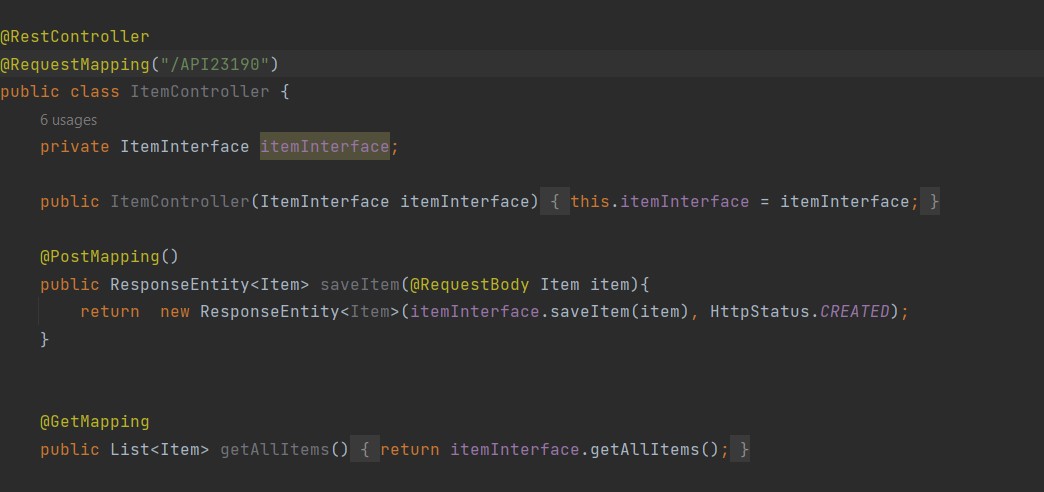
**Security:** The payment is secured, the card number can be seen or hidden, the card number cannot be screenshotted for security purposes.



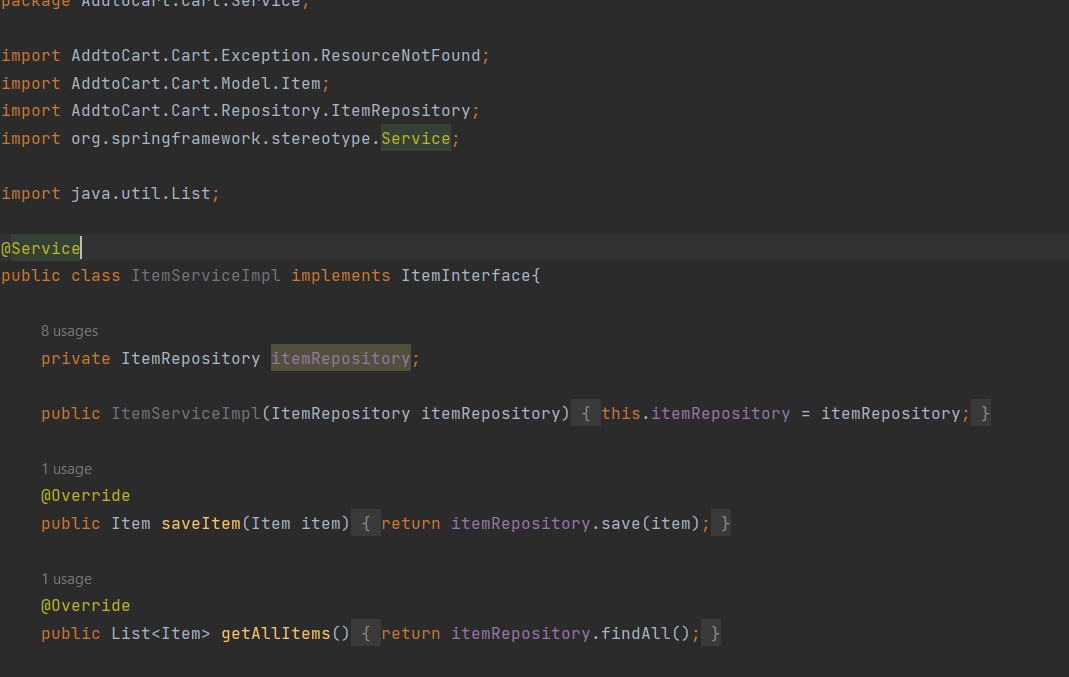


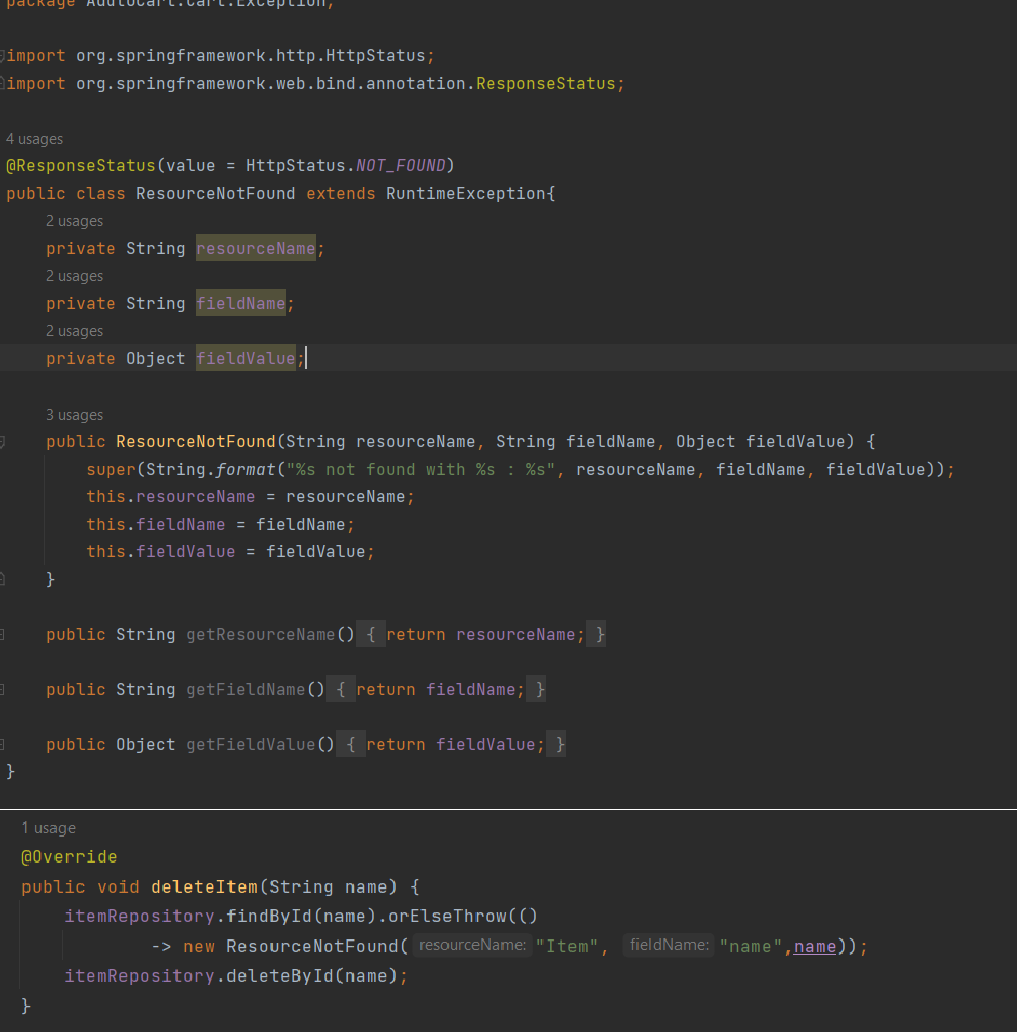


# Rest Web Service API

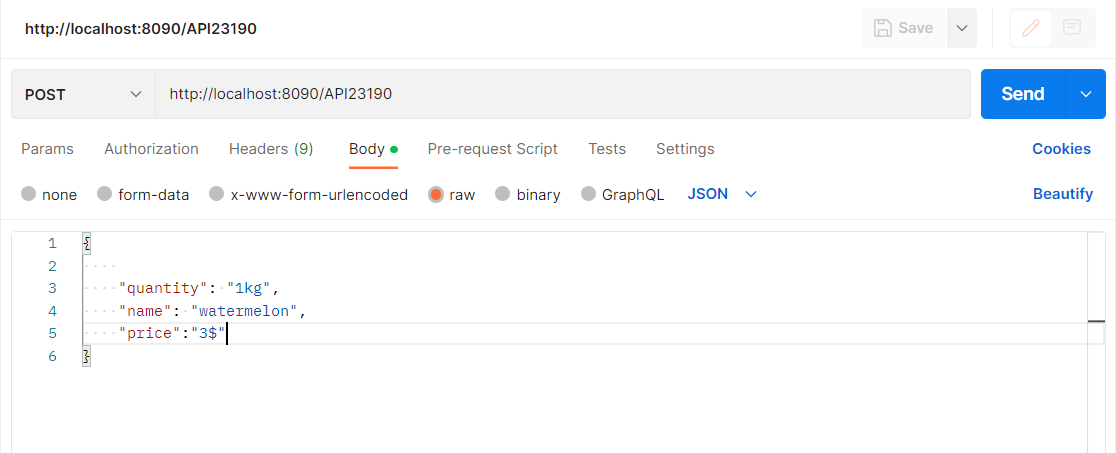
Controller

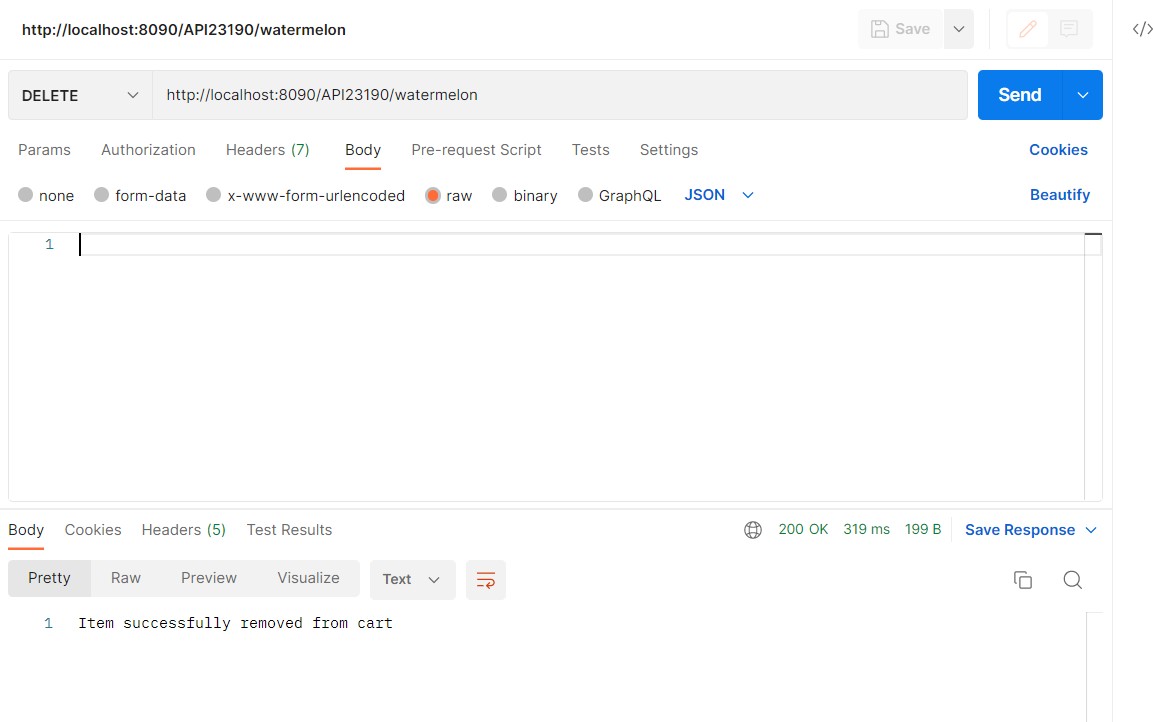
Service Implementation





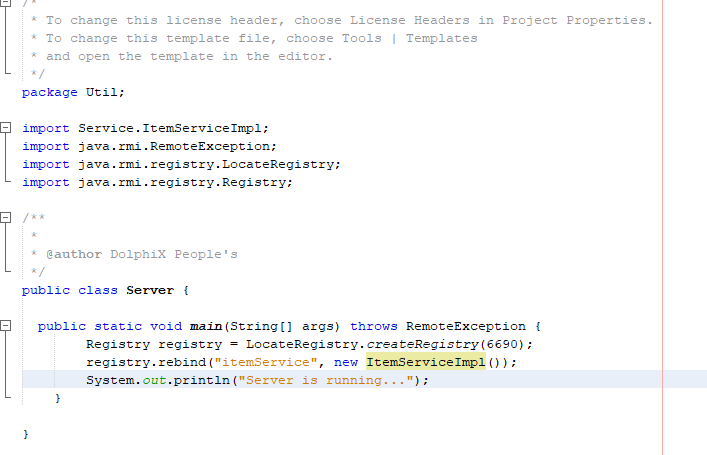
Using Postman



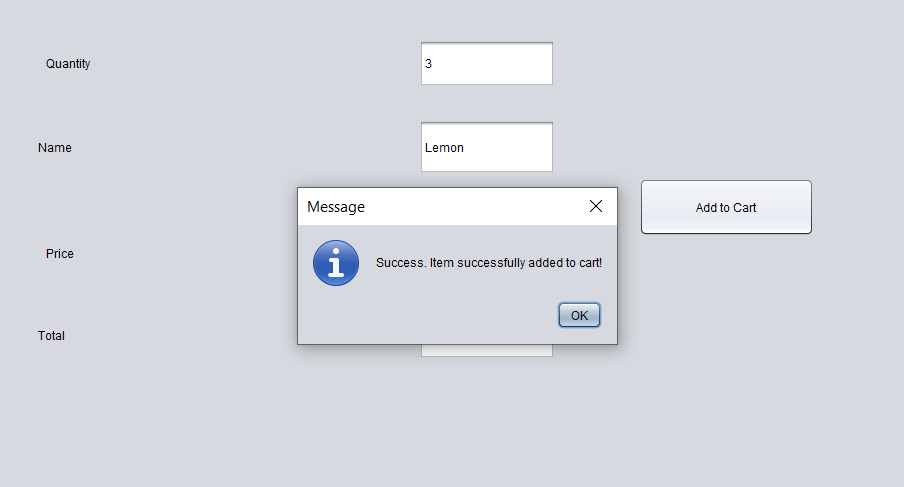


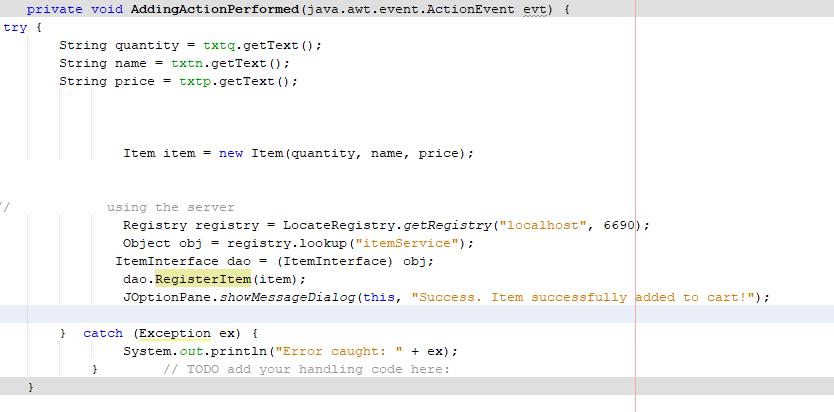
# Web Socket

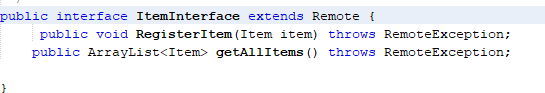
Server

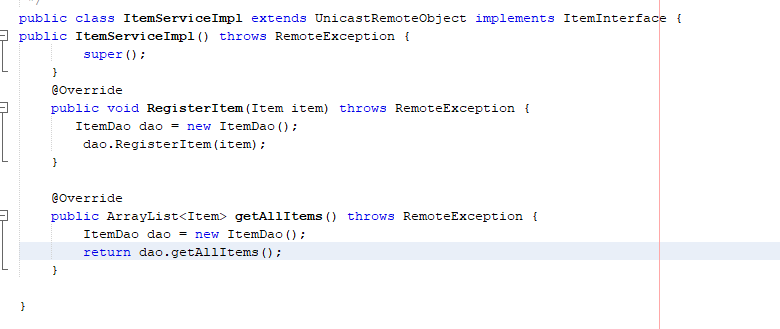


**Client**









# Thank you!!!