

Development process

Plan

The development started as expected, since both me and Lucas know what to do as our plan, I went right away with my tasks while he went along with his.

Process

After getting all the data needed for the database to work, I used ChatGPT and video tutorials to get this working.

For this to work I needed help with chatgpt:

“How to get data from database from this:” [I insert the full code so the ai knows what I am talking about and need]

```
1 app.get('/climbing_shoes', (req, res) => {
2   const query = `SELECT id, name, brand, color, price, fit, shape, aggressive, vegan, closure, climbinglevel, sizes, rubber, image, description FROM climbing_shoes`;
3   db.all(query, [], (err, rows) => {
4     if (err) {
5       res.status(500).json({ error: err.message });
6       return;
7     }
8     res.json(rows);
9   });
10 });
```

The front end side was mostly done already by Lucas so I had to worry about the back end.

To achieve this: “I have different sizes from 4 to 49, how do I display boxes on the side in that range?”

```
1 function generateSizeBoxes() {
2   const sizesFilter = document.querySelector('.sizes-filter');
3   if (sizesFilter) {
4     for (let size = 4; size <= 49; size++) {
5       const sizeBox = document.createElement('div');
6       sizeBox.classList.add('size-box');
7       sizeBox.textContent = size;
8       sizesFilter.appendChild(sizeBox);
9     }
10  }
11 }
```

“How to get every shoe in the shopping cart with correct price:|” [insert full code]

This was me doing something not right that would give me the wrong price

```
1 document.addEventListener('DOMContentLoaded', () => {
2   const cart = JSON.parse(localStorage.getItem('cart')) || [];
3   const productsContainer = document.getElementById('shoppingcart-products');
4   const totalPriceElement = document.getElementById('total-price');
5   let totalPrice = 0;
6
7   productsContainer.innerHTML = '';
8   cart.forEach((item, index) => {
9     const productSection = document.createElement('section');
10    productSection.classList.add('shoppingcart-product-collection');
11
12    productSection.innerHTML = `
13      <div class="shoppingcart-product-collection">
14        
15        <div class="shoppingcart-product-content">
16          <div class="shoppingcart-product-text">
17            <p>${item.brand}</p>
18            <p>${item.name}</p>
19            <p>Size: ${item.size}</p>
20          </div>
21          <div class="shoppingcart-product-price">
22            <h1>€${item.price.toFixed(2)}</h1>
23          </div>
24          <div class="shoppingcart-product-quantity-button">
25            <div class="shoppingcart-product-remove" onclick="updateQuantity(${index}, -1)"> - </div>
26            <div class="shoppingcart-product-quantity">${item.quantity}</div>
27            <div class="shoppingcart-product-add" onclick="updateQuantity(${index}, 1)"> + </div>
28          </div>
29        </div>
30      </div>
31    `;
32
33    productsContainer.appendChild(productSection);
34    totalPrice += item.price * item.quantity;
35  });
36
37  totalPriceElement.innerText = `€${totalPrice.toFixed(2)}`;
38 });
```

Of course to get the whole thing running, I asked: “How to use sqlite3 and node js for database step by step” which was how I was given the exact steps I had to take in cmd to get everything running on node app.js.

“How to add selected shoe to cart with correct quantity” something like that to fix the problem I was having.

```
1 function addToCart() {
2   const shoe = JSON.parse(localStorage.getItem('selectedShoe'));
3   const selectedSize = document.querySelector('.sizes-filter .selected');
4   if (shoe && selectedSize) {
5     shoe.size = selectedSize.innerText;
6     shoe.quantity = 1;
7     let cart = JSON.parse(localStorage.getItem('cart')) || [];
8     const existingItemIndex = cart.findIndex(item => item.name === shoe.name && item.size === shoe.size);
9     if (existingItemIndex > -1) {
10      cart[existingItemIndex].quantity += 1;
11    } else {
12      cart.push(shoe);
13    }
14    localStorage.setItem('cart', JSON.stringify(cart));
15    updateCartQuantity();
16    document.getElementById('shoe-page-select-size-text').innerHTML = 'Select a size';
17    document.getElementById('shoe-page-select-size-text').style.color = 'black';
18  } else {
19    document.getElementById('shoe-page-select-size-text').innerHTML = '* Please select a size';
20    document.getElementById('shoe-page-select-size-text').style.color = 'red';
21  }
22 }
23
24
25 function updateCartQuantity() {
26   const cart = JSON.parse(localStorage.getItem('cart')) || [];
27   const totalQuantity = cart.reduce((sum, item) => sum + item.quantity, 0);
28   document.getElementById('cart-quantity').innerText = totalQuantity;
29 }
30
31 document.addEventListener('DOMContentLoaded', () => {
32   document.querySelectorAll('.sizes-filter .size-box').forEach(sizeBox => {
33     sizeBox.addEventListener('click', () => {
34       document.querySelectorAll('.sizes-filter .size-box').forEach(box => box.classList.remove('selected'));
35       sizeBox.classList.add('selected');
36     });
37   });
38   updateCartQuantity();
39 });
```

Besides the node ones, those are all the major prompt ai help ive gotten since. The rest of the code is all written with comments to indicate to Lucas, Monk and anyone else who needs this file to know exactly what function does what. Only the app.js is a commented mess, but that would scare anyone to touch to break something.