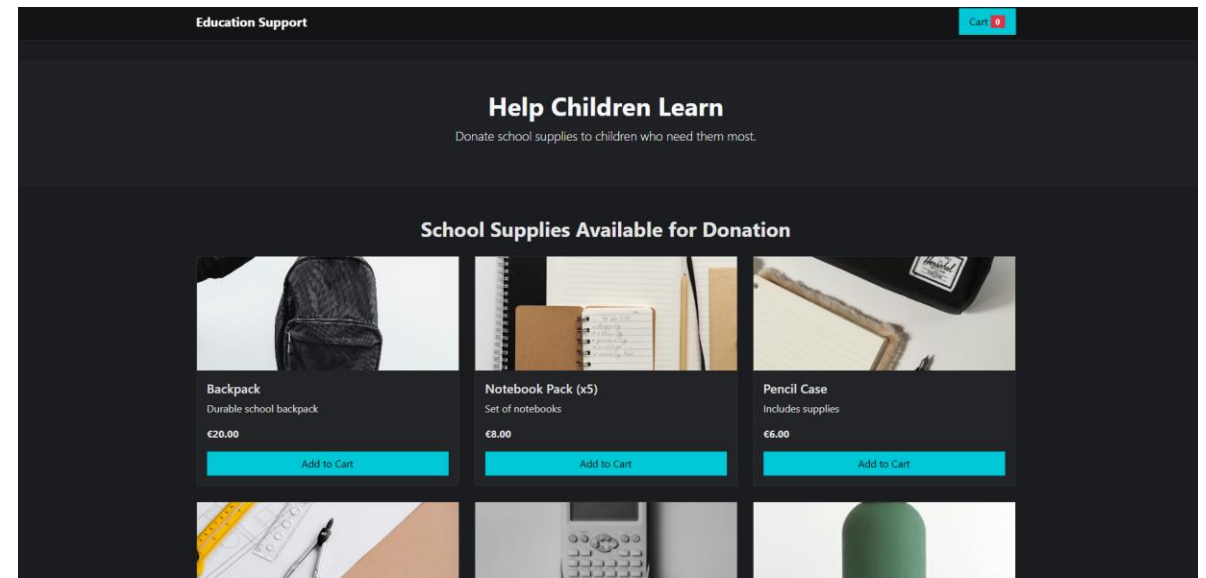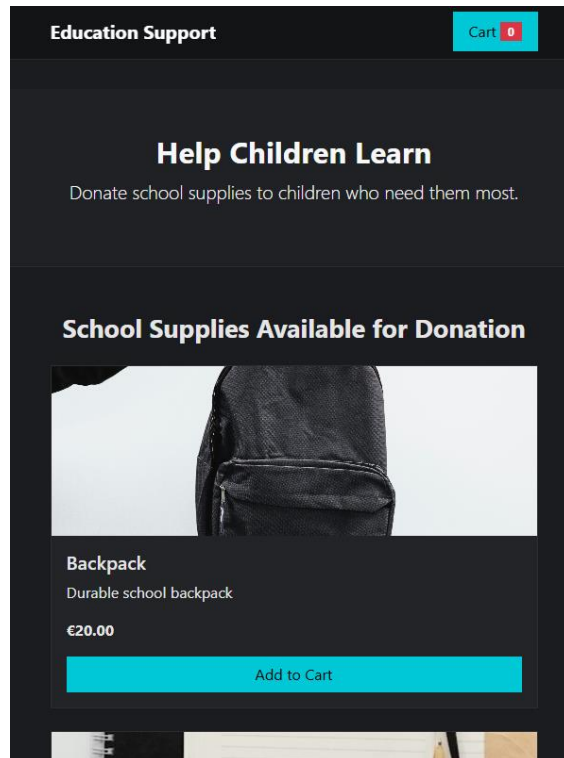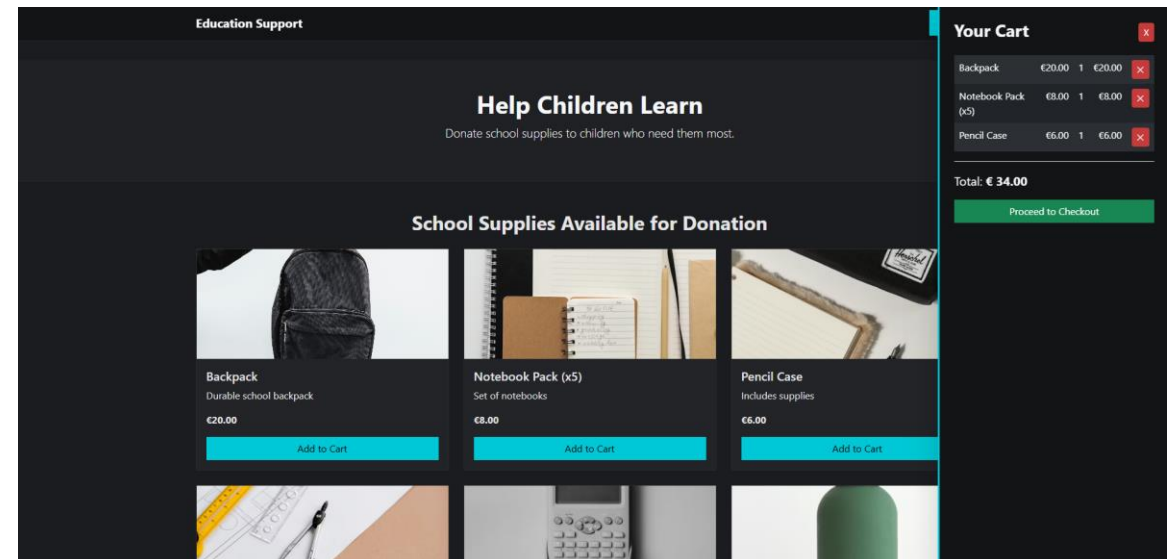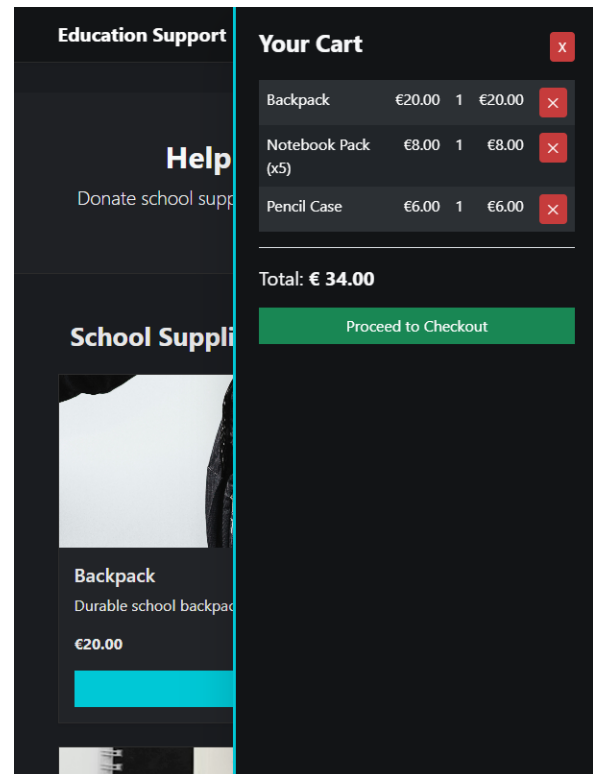# Front-End WebApp for sponsoring school supplies to children in need

- The user can browse a dynamic product list, add and delete items to a shopping cart, open the sidebar, proceed to a checkout, submit checkout and get an order confirmation

Left screenshot

Reading Books Set

Books ages 6-12

€18.00

Add to Cart

Thank you for your donation!

Donation Summary

- 1 x Backpack — €20.00
- 1 x Notebook Pack (x5) — €8.00
- 1 x Pencil Case — €6.00

Subtotal: €34.00
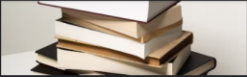
Discount: €3.40

Total: €30.60

Right screenshot

Education Support   Cart **1**

Reading Books Set
Books ages 6-12

€18.00

Add to Cart

Checkout

Full Name

Email

Phone

ZIP Code

Country

Address

Confirm Donation

Technologies used

HTML for structure and layout

CSS for the custom dark theme, shaping the UI and readability

Bootstrap for the layout and spacing

JavaScript for the dynamic carting system and form validation

Description

- HTML: fixed top navbar and cart button, hero section for the purpose of the website, product gallery, inserted by JavaScript, hidden sidebar, checkout with a form, confirmation after checkout

- CSS: overrides some Bootstrap default designs, dark palette with blue accents as personal preference, animations

- JavaScript: product list (array storing products), rendering products, creating card elements and insert them into the product grid, cart array, functions such as addToCart(id), removeFromCart(id) and updateCart()

Sources

- Bootstrap official documentation, https://getbootstrap.com/docs/5.3/
- MDN Web Docs - JavaScript DOM & Events, https://developer.mozilla.org/en-US/docs/Web/API/Document_Object_Model
- W3Schools JavaScript Reference, https://www.w3schools.com/js/
- StackOverflow (general problem solving & code patterns), https://stackoverflow.com/
- Unsplash (product images), https://unsplash.com/