



# Two-Page Mini E-Commerce Website – Student Task

You will create a **two-page website using HTML5, CSS3, and JavaScript** to practice DOM rendering, cart logic, and localStorage, then deploy it on Vercel or Netlify to share with others.

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## Page 1: Product Listing Page (**index.html**)

- Show **4 product cards** using an **array of objects**.
  - Each card should have:
    - Product image (or a colored box if no image).
    - Product name.
    - Product price.
    - **Add to Cart** button.
  - Add a **cart icon at the top** showing the **count of items** in the cart.
  - Clicking **Add to Cart** updates the cart count using **localStorage**.
  - Clicking the cart icon should redirect to the **Cart Page (**cart.html**)**.
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## Page 2: Cart Details Page (**cart.html**)

- Display a **list of products in the cart** showing:
  - Product name.

- Product price.
  - Product quantity.
  - Add **buttons to increase (+) and decrease (-) the quantity**.
  - If the quantity becomes zero, remove the product from the cart.
  - Show **total quantity of all products**.
  - Show **total price of all products** at the bottom.
  - Use **localStorage** to store and update cart data so it persists across page reloads and navigation.
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## Directory Structure

two-page-ecommerce/

```
|— index.html
|— cart.html
|— style.css
|— script.js
|— assets/
   |— product1.png
   |— product2.png
   |— product3.png
   |— product4.png
```

## Deployment (Vercel / Netlify)

- ① **Test your project locally** by opening `index.html` and `cart.html` in your browser to ensure everything is working.
  - ② Go to **vercel.com** or **netlify.com** and sign in.
  - ③ Upload your project folder directly, or link your GitHub repository for auto-deploy.
  - ④ Get your **live project URL** to share with your teacher or classmates.
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## ✓ Submission Expectations

- ✓ `index.html`, `cart.html`, `style.css`, `script.js`, and the `assets` folder.
  - ✓ Clean, readable, and **commented code**.
  - ✓ A **live deployed URL** for testing and feedback.
  - ✓ (Optional) A **GitHub repository link** for your project.
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## ✨ Learning Outcomes

- ✓ How to render dynamic content using **arrays and DOM manipulation**.
  - ✓ How to manage and persist cart data using **localStorage**.
  - ✓ Implementing basic cart operations with quantity and total calculations.
  - ✓ **Deploying a static website on Vercel or Netlify** for sharing.
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## 🔧 Example Product Array

Use this as your base:

```
const products = [  
  { id: 1, name: "Product 1", price: 500, image: "assets/product1.png" },  
  { id: 2, name: "Product 2", price: 750, image: "assets/product2.png" },  
  { id: 3, name: "Product 3", price: 300, image: "assets/product3.png" },  
  { id: 4, name: "Product 4", price: 900, image: "assets/product4.png" },  
];
```

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**Start building, test frequently, and have fun!**