

Create a fully functioning e-commerce website with the following features:

Core Functionality:

- Product catalog with categories, search, and filtering
- Individual product pages with images, descriptions, prices, and specifications
- Shopping cart with add/remove items and quantity adjustment
- Checkout process with form validation for shipping and payment information
- Order confirmation page with order summary

User Features:

- User registration and login system
- User dashboard showing order history and account details
- Persistent shopping cart (saves items when logged in)

Admin Features:

- Admin panel to add, edit, and delete products
- View and manage orders
- Basic inventory management

Technical Requirements:

- Use a modern tech stack (suggest: React/Next.js for frontend, Node.js/Express for backend, SQLite or MongoDB for database)
- Responsive design that works on mobile, tablet, and desktop
- Clean, modern UI with good UX
- Form validation and error handling
- Session management for cart and authentication
- Sample products pre-populated in the database

Enhancements:

- Product reviews and ratings
- Wishlist functionality
- Payment integration simulation (mock checkout, not real payments)
- Email confirmation simulation
- Product image upload for admin