



# Final Exam – E-Commerce Website Development

**Max Score:** 40 points

**Submission:** Upload zip file in teams' assignment / Provide github link

**Deadline:** 1st July, 23:59



## Project Description

Figma link:

<https://www.figma.com/design/jflkPVSCJwAXsWeSGc2tLV/Scripting-Languages---Final-Exam-Designs?node-id=0-1&t=nzAPKxuHJk8hoiza-1>

Your task is to build a complete, responsive **e-commerce web application** based on the UI design provided. The website must simulate a real shopping experience with product categories, detailed product views, cart functionality, and a full checkout flow including shipping and payment pages.

You have **full freedom to create your own data structure**. You may use **any type of products**, images, and names that fit the layout and design style. The primary goal is to demonstrate your ability to implement the required pages, functionality, and clean architecture.

See some more specific information on the main requirements below.

**Remember:** If something appears in the design but is not explicitly described here or in the requirements list, **it must still be implemented**.



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## Functional Requirements (Updated)

### 1. Navigation Bar (4 pts)

- Includes links: **Women, Men, Kids**
- Currency switcher (\$, €, ¥) with real-time updates
- Cart icon showing item count, opens cart overlay
- Highlight the active category visually

### 2. Product Listing Page (4 pts)

- Show products from selected category

- Product cards show image, name, price
- On hover, show the "Add to Cart" button (green cart icon)
- Clicking a product opens Product Detail Page

### **3. Product Detail Page (4 pts)**

- Large preview image + thumbnails
- Select size (required before add to cart)
- Add to cart updates overlay and state

### **4. Cart Overlay & Cart Page (4 pts)**

- Overlay shows correct cart info with +/- buttons
- "View Bag" goes to Cart Page with full layout
- Price updates, totals shown, navigation to checkout

### **5. Shipping Info Page (4 pts)**

- Form: Full Name, Email, Phone, Address, Zip, Country
- All required fields validated
- "Continue" leads to shipping method

### **6. Shipping Method Page (3 pts)**

- Show at least 2 options (e.g., Standard, Express)
- Option selection required
- Selection stored in state

### **7. Checkout / Payment Page (4 pts)**

- Payment form with card details
- Form validation required
- On submit: simulate success and redirect

#### **8. Payment Confirmation Page (3 pts)**

- Thank you message
- Summary of purchased items
- Button to return to homepage or restart

#### **9. Currency Switcher (3 pts)**

- Prices update app-wide on change
- Works across cart, PDP, listing, and totals

#### **10. State Management (2 pts)**

- Use React Context for state management

#### **11. UI (5 pts)**

- Matches Figma design closely