

# Clothes Selling Website - Development Roadmap

## Phase 1: Foundation & Setup (Week 1-2)

**Goal:** Get the basic project structure and core files ready

- Set up project folder structure (css/, js/, images/, data/)
- Create products.json file with sample product data (name, price, image, sizes, description)
- Build basic HTML structure (index.html, product-page.html, cart.html)
- Set up CSS reset and base styles
- Choose and implement color scheme and typography
- Create responsive grid system/layout

## Phase 2: Product Display (Week 3-4)

**Goal:** Show products dynamically from JSON

- Build product card component (HTML/CSS)
- Write JS to fetch and parse products.json
- Create product grid on homepage
- Implement product filtering (by category, price range)
- Add search functionality
- Build individual product detail page
- Add image gallery/zoom for product images

## Phase 3: Shopping Cart (Week 5-6)

**Goal:** Let users add items and manage their cart

- Implement "Add to Cart" functionality
- Create cart storage (localStorage)
- Build cart page with item list
- Add quantity adjustment (+/- buttons)
- Calculate subtotal, tax, and total
- Add "Remove from cart" functionality
- Show cart count badge in navigation

## Phase 4: User Experience Enhancements (Week 7-8)

**Goal:** Polish the interface and add nice-to-haves

- Add loading states and animations
- Implement image lazy loading
- Create mobile-responsive navigation menu
- Add product image hover effects
- Build "Sort by" functionality (price, newest, popular)
- Add "Recently Viewed" products section
- Implement wishlist/favorites feature

## Phase 5: Checkout Flow (Week 9-10)

**Goal:** Complete the purchase process

- Create checkout page layout
- Build multi-step form (shipping, payment info)
- Add form validation
- Create order summary component
- Build order confirmation page
- Implement order number generation
- Store order history in localStorage

## Phase 6: Polish & Optimization (Week 11-12)

**Goal:** Make it production-ready

- Cross-browser testing (Chrome, Firefox, Safari, Edge)
- Mobile responsiveness testing on different devices
- Optimize images (compression, proper formats)
- Minify CSS and JS files
- Add meta tags for SEO
- Implement error handling
- Add 404 page
- Write README and documentation

## Phase 7: Advanced Features (Optional - Future)

**Goal:** Add extra functionality as you grow

- Email capture for newsletter
  - Product reviews and ratings
  - Size guide modal
  - Related products recommendations
  - Discount code system
  - Stock level indicators
  - Multiple currency support
  - Social media integration
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## Quick Tips for Solo Development

- **Version control:** Use Git from day one
- **Test frequently:** Check your work in different browsers regularly
- **Mobile-first:** Design for mobile screens first, then scale up
- **Keep it simple:** Start with MVP, add features gradually
- **Backup your data:** Keep your products.json backed up
- **Comment your code:** You'll thank yourself later

## Minimum Viable Product (MVP)

If you want to launch quickly, focus on Phase 1-3 first. That gives you:

- Product display
- Working cart
- Basic checkout

Then add the rest incrementally based on user feedback!