

Web Development Foundation Course

Day – 13 - Project

E-Commerce Project Guide

Project Overview

Build a responsive Indian e-commerce website showcasing traditional products (clothing, jewelry, home decor) using **Bootstrap 5** and minimal custom CSS.

Pages to Develop

1. [Homepage](#)
2. [About Us](#)
3. [Contact Page](#)
4. [Product Details Page](#)

1. Homepage Structure

A. Top Announcement Bar

- Free shipping notice with CTA link
- Sticky at the top

B. Navigation Bar

- Logo + Brand name
- Responsive menu (collapses on mobile)
- Links: Home, About, Contact
- Search, Wishlist (with badge), Cart (with badge) icons

C. Hero Section

- Full-width image with overlay text
- Headline + Subheadline
- "Shop Now" CTA button

D. Categories Slider

- Carousel with 6 category cards (2 slides of 3 cards each)
- Each card has:
 - Category image
 - Title
 - "Shop Now" link

E. Featured Products

- Grid of 4 product cards
- Each card shows:
 - Product image
 - Favorite icon
 - Product name
 - Star ratings
 - Price (with discount if applicable)

F. Promotional Banners

- Two side-by-side banners (50% width each)
- Each has:
 - Background image with overlay
 - Headline + Subheadline
 - CTA button

G. Testimonials

- 3 customer review cards
- Each includes:
 - Star rating
 - Review text
 - Customer photo + name/location

H. Newsletter Signup

- Email input + Subscribe button
- Centered with heading and description

I. Footer

- 4-column layout:
 1. Brand info + social icons
 2. Shop links
 3. Help links
 4. Contact info
- Copyright notice

2. About Us Page

Key Sections:

- **Hero Banner:** Image with "Our Story" headline
- **About Content:**
 - Image + text (2-column layout)
 - Key selling points (checkmark list)
- **Our Values:**
 - 3 cards (Artisan Empowerment, Authenticity, Quality)
 - Each with icon + short description

3. Contact Page

Key Sections:

- **Hero Banner:** "Get in Touch" headline
- **Contact Cards:** 4 cards (Location, Phone, Email, Hours)
- **Google Maps Embed**
- **FAQ Accordion:** 4 common questions

4. Product Details Page

Key Sections:

- **Product Gallery:**
 - Large main image
 - 4 thumbnail images (click to change main image)
- **Product Info:**
 - Title
 - Star ratings + review count
 - Price (with discount)
 - Description
 - Color options (color swatches)
 - Size selector (buttons)
 - Quantity selector (+/- buttons)
 - Add to Cart/Wishlist buttons
 - SKU + Category details
 - Social sharing icons

- Related Products: 4-product grid

Technical Requirements

1. Bootstrap 5 Components Used:

- Navbar (responsive)
- Carousel (for categories)
- Cards (products/testimonials)
- Accordion (FAQs)
- Badges (for cart/wishlist counts)
- Grid system (layouts)

2. Custom Styling (CSS)

- Primary color: Purple (#6c63ff)
- Hover effects on cards/buttons
- Image zoom on product hover

3. JavaScript

- Image switcher for product gallery
- Quantity selector functionality

Workflow Steps

1. Setup:

- Create HTML files
- Add Bootstrap CSS/JS CDN links
- Create folder for images

2. Build Structure:

- Code each section in order (header → hero → categories → etc.)

3. Make Responsive:

- Test on mobile (stack columns where needed)

4. Add Interactions:

- Image switcher
- Quantity adjuster

Testing Checklist

- All links work
- Images load properly
- Mobile-responsive (no horizontal scroll)
- Forms are functional
- Hover effects work

Final Deliverables

- 4 HTML pages
- Image assets folder
- Minimal custom CSS